

2019 – 2021
**GOVERNOR'S
RECOMMENDED BUDGET
(REVISED)**

DEPARTMENT OF ENVIRONMENTAL QUALITY



State of Oregon
**Department of
Environmental
Quality**

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CERTIFICATION

I hereby certify that the accompanying summary and detailed statements are true and correct to the best of my knowledge and belief and that the accuracy of all numerical information has been verified.

Oregon Department of Environmental Quality

700 NE Multnomah, Ste 600, Portland, OR 97232

AGENCY NAME

AGENCY ADDRESS

Patricia Smith
SIGNATURE

Environmental Quality Commission, Commission Chair
TITLE

Notice: Requests of agencies headed by a board or commission must be approved by official action of those bodies and signed by the board or commission chairperson. The requests of other agencies must be approved and signed by the agency director or administrator.

Agency Request

Governor's Budget Legislatively Adopted

Legislative Fiscal Office

900 Court St. NE, H-178
Salem OR 97301
503-986-1828



Oregon Legislative Emergency Board

Sen. Peter Courtney, Senate Co-Chair
Rep. Tina Kotek, House Co-Chair

Certificate

September 26, 2018

Pursuant to the provisions of ORS 291.328, and acting under the authority of ORS 276.390; ORS 291.326(1)(a), (b), (c), and (d); and ORS 291.375; this hereby certifies that the Emergency Board, meeting on September 26, 2018, took the following actions:

1. Treasurer of State

Acknowledged receipt of a report on investment expenses related to the Oregon Public Employees Retirement Fund.

2. Secretary of State

Acknowledged receipt of a report on Help America Vote Act funds, with the understanding that the agency will include an update on the actions taken to enhance elections security with its 2019-21 biennium agency request budget.

3. Department of Education

Department of Human Services

Increased the Federal Funds expenditure limitation established for the Department of Education by section 5(1), chapter 590, Oregon Laws 2017, Early learning programs, by \$7,207,837 and authorized the establishment of 12 limited duration positions (3.96 FTE) for the expenditure of additional federal Child Care Development Block Grant funding.

4. Department of Education

Allocated \$13,547 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Education by section 1(1), chapter 590, Oregon Laws 2017, Operations, and allocated \$338,687 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Education by section 2(4), chapter 590, Oregon Laws 2017, Other K-12 grant-in-aid programs, for grants to school districts for connecting schools to high-speed telecommunications and the internet and for related administrative costs.

5. Department of Education

Increased the Other Funds expenditure limitation established for the Department of Education by section 3(1), chapter 590, Oregon Laws 2017, Operations, by \$163,889 and authorized the establishment of three limited duration positions (0.87 FTE) to increase the capacity of business services staff.

- 6. Department of Education**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Agriculture, Food Nutrition Service in the amount of \$100,000 for the Child and Adult Care Food Program Meal Service Training grant.
- 7. Department of Education**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Education in the amount of up to \$750,000 for the Grants to States for School Emergency Management Program.
- 8. Department of Education**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Education in the amount of \$642,435 for the Pathways to STEM Apprenticeship for High School Career and Technical Students grant.
- 10. Higher Education Coordinating Commission**
Acknowledged receipt of a report on the statewide criteria developed to evaluate and prioritize public university capital requests proposed in the Commission's agency request budget.
- 11. Higher Education Coordinating Commission**
Approved, retroactively, the submission of a federal grant application to the Corporation for National Community Services Training and Technical Assistance in the amount of \$161,537 for the Oregon Volunteers AmeriCorps program.
- 12. Department of Human Services**
Acknowledged receipt of a report on the agency's workforce-related efforts in the child welfare program.
- 13. Department of Human Services**
Acknowledged receipt of a report on efforts to curb costs in the Intellectual and Developmental Disabilities program.
- 14. Department of Human Services**
Approved, retroactively, the submission of a federal grant application to the Administration for Community Living in the amount of up to \$560,000 annually over two years, to support business case development for the No Wrong Door System within the Aging and People with Disabilities Program.
- 15. Department of Human Services**
Approved, retroactively, the submission of a federal grant application to the Administration for Community Living in the amount of \$350,000 over 18 months, to expand dementia-capable services offered in home and community-based settings by the Aging and People with Disabilities Program.
- 16. Department of Human Services**
Acknowledged receipt of a report on the agency's work to improve position management practices.

- 17. Department of Human Services**
Acknowledged receipt of a report and allocated \$300,000 from the special purpose appropriation made to the Emergency Board by section 132(1), chapter 99, Oregon Laws 2018, to supplement the appropriation made to the Department of Human Services by section 1(3), chapter 597, Oregon Laws 2017, Aging and people with disabilities and intellectual/developmental disabilities programs, for ventilator-assisted services in nursing facilities.
- 18. Department of Human Services**
Approved, retroactively, the submission of a federal grant application to the Administration on Children, Youth and Families for one-time funding in the amount of \$301,558 to support kinship navigator efforts for the Child Welfare program.
- 19. Department of Human Services**
Acknowledged receipt of a report on increasing rural jobs in Oregon.
- 20. Department of Justice
Department of Human Services**
Acknowledged receipt of a report on the phased-in implementation of full legal representation for child welfare caseworkers.
- 21. Oregon Health Authority**
Allocated \$160,450 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Oregon Health Authority by section 1(1), chapter 545, Oregon Laws 2017, Programs, for the Drinking Water Services Program and authorized the establishment of one permanent Natural Resources Specialist 4 position and one limited duration Natural Resources Specialist 3 position for a total of 0.66 FTE to work on emerging contaminants and emergency preparedness related to water quality.
- 22. Oregon Health Authority**
Approved, retroactively, the submission of a federal grant application to the Centers for Disease Control and Prevention, State Physical Activity and Nutrition (SPAN) Program, in the amount of up to \$1.3 million annually over five years, to support the state in its continued efforts to improve nutrition and increase safe and accessible physical activities.
- 23. Oregon Health Authority**
Approved, retroactively, the submission of a federal grant application to the Centers for Disease Control and Prevention, State Actions to Improve Oral Health Outcomes, in the amount of up to \$3,125,000 over five years, to support the state in its efforts to decrease dental caries and oral health disparities.
- 24. Oregon Health Authority**
Approved, retroactively, the submission of a federal grant application to the Substance Abuse and Mental Health Services Administration, Improving Life Trajectories for Youth and Young Adults with Serious Mental Disorders Program, in the amount of up to \$1 million per year for up to five years, to improve access to developmentally appropriate

and culturally and linguistically competent treatment and support services for Oregonians between the ages of 16 and 25 who have serious mental disorders.

25. Oregon Health Authority

Approved, retroactively, the submission of a federal grant application to the Substance Abuse and Mental Health Services Administration in the amount of up to \$400,000 per year for four years to identify youth who are at high risk for developing psychosis and to provide early interventions.

26. Oregon Health Authority

Approved, retroactively, the submission of a federal grant application to the Centers for Disease Control and Prevention in the amount of up to \$80,000 over a 19-month period to supplement the current Pregnancy Risk Assessment Monitoring System grant.

27. Department of State Police

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, Office of Sex Offender Sentencing, Monitoring, Apprehending, Registering, and Tracking (SMART) program in the amount of \$397,166 over a three-year period to improve Oregon's sex offender registration and notification processes and systems.

28. Department of State Police

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, National Institute of Justice in the amount of \$288,605 to improve the quality and timeliness of forensic science and medical examiner's office services.

29. Department of State Police

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, National Institute of Justice in the amount of \$841,009 over a two-year period to increase the ability of the state's forensic laboratory to process and analyze DNA samples more quickly and efficiently.

30. Department of State Police

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, National Institute of Justice in the amount of \$805,650 over a three-year period to increase the ability of the state's forensic laboratory to analyze and identify skeletal, decomposed, and/or partial human remains in the possession of the Department of State Police.

31. Department of State Police

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, Bureau of Justice Statistics in the amount of \$848,741 over a two-year period to improve the completeness, automation, and transmittal of records to state and federal systems used by the National Instant Criminal Background Check System for firearm background checks.

- 32. Department of State Police**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, Bureau of Justice Statistics in the amount of \$159,520 over a two-year period to purchase finger- and palm-print biometric scanning equipment for local criminal justice agencies.
- 33. Department of State Police**
Allocated \$134,709 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of State Police by section 1(4), chapter 581, Oregon Laws 2017, Administrative services, agency support, criminal justice information services and office of the State Fire Marshal, to pay for the balance of the agency's implementation costs for the technology solution chosen for the STOP program.
- 34. Department of State Police**
Allocated \$9,865,644 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of State Police by section 1(4), chapter 581, Oregon Laws 2017, Administrative services, agency support, criminal justice information services and office of the State Fire Marshal, and increased the expenditure limitation established for the Department of State Police by section 2(4), chapter 581, Oregon Laws 2017, Administrative services, agency support, criminal justice information services and office of the State Fire Marshal, by \$7,104,707, to address costs incurred during the 2018 wildfire season, with instructions.
- 35. Military Department**
Acknowledged receipt of a report on the agency's assessment of its processes, policies, and practices for internal control over grants management.
- 36. Military Department**
Allocated \$123,275 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Military Department by section 1 (4), chapter 566, Oregon Laws 2017, Community Support, to reimburse the agency for costs associated with state activation of the Oregon National Guard to support two drinking water delivery missions for the City of Salem during May and June 2018.
- 37. Military Department**
Deferred action on the request for a \$50,000 Emergency Fund allocation and a limited duration position to coordinate emergency drinking water resources until the 2019 legislative session.
- 38. Department of Justice**
Authorized the transfer of \$87,193 from the General Fund appropriation established for the Department of Justice, by section 1(2), chapter 576, Oregon Laws 2017, Civil Enforcement Division, to the General Fund appropriation established for the Department of Justice, by section 1(3), chapter 576, Oregon Laws 2017, Criminal Justice Division, for the Regional Automated Information Network (RAIN) coordinator position.

39. Department of Justice

Allocated \$2,640,456 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Justice by section 1(6), chapter 576, Oregon Laws 2017, Division of Child Support, for a revenue shortfall in Temporary Assistance for Needy Families (TANF) recoveries and additional various program budget shortfalls, with the understanding that the Department of Administrative Services will unschedule \$1,250,000 for the TANF shortfall.

40. Department of Justice

Increased the Federal Funds expenditure limitation for the Department of Justice established by section 3(3), chapter 576, Oregon Laws 2017, Crime Victims' Services Division, by \$14,430,275; authorized the transfer of \$5,000,000 from the Federal Funds expenditure limitation established by section 3(4), chapter 576, Oregon Laws 2017, Division of Child Support, to the Federal Funds expenditure limitation established by section 3(3), chapter 576, Oregon Laws 2017, Crime Victims' Services Division; and authorized the transfer of \$553,521 from the Federal Funds expenditure limitation established by section 36, chapter 702, Oregon Laws 2017, for the child support enforcement automated system in the child support enforcement automated program, to the Federal Funds expenditure limitation established by section 3(3), chapter 576, Oregon Laws 2017, Crime Victims' Services Division, for expenditure of federal grant funding.

41. Department of Human Services

Department of Justice

Judicial Department

Public Defense Services Commission

Acknowledged receipt of a report on progress made toward implementing strategies to improve juvenile dependency systems.

42. Department of Justice

Increased the Other Funds expenditure limitation established for the Department of Justice by section 2(2), chapter 576, Oregon Laws 2017, Appellate Division, by \$507,367; increased the Other Funds expenditure limitation established for the Department of Justice by section 2(3), chapter 576, Oregon Laws 2017, Civil Enforcement Division, by \$356,936; increased the Other Funds expenditure limitation established for the Department of Justice by section 2(6), chapter 576, Oregon Laws 2017, General Counsel Division, by \$1,185,059; increased the Other Funds expenditure limitation established for the Department of Justice by section 2(7), chapter 576, Oregon Laws 2017, Trial Division, by \$444,547; authorized the transfer of \$196,115 General Fund from the appropriation made to the Department of Justice by section 1(2), chapter 576, Oregon Laws 2017, Civil Enforcement Division, to the appropriation made to the Department of Justice by section 1(3), chapter 576, Oregon Laws 2017, Criminal Justice Division; and authorized, within the Other Funds expenditure limitations established for the Department of Justice by section 2, chapter 576, Oregon Laws 2017, the transfer of \$500,000 from subsection (5), Crime Victims' Services Division, to subsection (3), Civil Enforcement Division; for intra-agency charges to fund the Administration Division.

43. Department of Justice

Allocated \$1,343,260 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Justice by section 1(6), chapter 576, Oregon Laws 2017, Division of Child Support, for the Child Support Enforcement Automated System Project; authorized the transfer of \$553,521 from the Other Funds expenditure limitation established for the Department of Justice by section 2(5), chapter 576, Oregon Laws 2017, Crime Victims' Services Division, to supplement the expenditure limitation established for the Department of Justice by section 33, chapter 702, Oregon Laws 2017, for the child support enforcement automated system in the child support enforcement automated program; authorized the transfer of \$886,798 from the Other Funds expenditure limitation established for the Department of Justice by section 2(8), chapter 576, Oregon Laws 2017, Division of Child Support, to supplement the expenditure limitation established for the Department of Justice by section 33, chapter 702, Oregon Laws 2017, for the child support enforcement automated system in the child support enforcement automated program; for project expenditures.

44. District Attorneys and Their Deputies

Deferred action on the request to allocate funds from the special purpose appropriation made to the Emergency Board for costs related to grand jury recordation until the December 2018 meeting of the Emergency Board.

45. Department of Public Safety Standards and Training

Increased the Federal Funds expenditure limitation established for the Department of Public Safety Standards and Training by section 3, chapter 583, Oregon Laws 2017, by \$325,955, for expenditure of a grant award from the federal Assistance to Firefighters grant program.

46. Department of Public Safety Standards and Training

Increased the Other Funds expenditure limitation established for the Department of Public Safety Standards and Training by section 2(1), chapter 583, Oregon Laws 2017, Operations, by \$77,282 and authorized the establishment of one limited duration Training and Development Specialist 2 position (0.38 FTE) in the Private Security Program.

47. Criminal Justice Commission

Approved, retroactively, a grant application to the U.S. Department of Justice, Bureau of Justice Assistance in the amount of \$181,887 for a Project Safe Neighborhoods grant.

48. Department of Corrections

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, Bureau of Justice Assistance in the amount of \$750,000 over a three-year period to provide treatment to both adults in custody and offenders re-entering the community who suffer from co-occurring substance abuse and mental health disorders.

- 49. Department of Corrections**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Justice, Office of Juvenile Justice and Delinquency Prevention in the amount of \$750,000 over a three-year period to pilot Phase II of the *Parenting Inside Out* program at three agency institutions.
- 50. Columbia River Gorge Commission**
Allocated \$18,000 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Columbia River Gorge Commission by section 1, chapter 474, Oregon Laws 2017, for operational expenses.
- 51. Department of Fish and Wildlife**
Established a Federal Funds Capital Construction expenditure limitation of \$550,000 for the Department of Fish and Wildlife for the acquisition of 564 acres near the Summer Lake Wildlife Area.
- 53. Department of Agriculture**
Increased the Lottery Funds expenditure limitation established for the Department of Agriculture by section 3, chapter 562, Oregon Laws 2017, by \$1,359,653 to fund efforts to eradicate Japanese Beetle in northwest Portland.
- 54. Department of Agriculture**
Allocated \$100,000 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Agriculture by section 1(3), chapter 562, Oregon Laws 2017, Natural resources, and authorized the establishment of three seasonal limited duration survey biotechnician positions (0.75 FTE) for the initial phase of the Gypsy moth eradication plan.
- 55. Department of Agriculture**
Allocated \$730,295 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Agriculture by section 1(2), chapter 562, Oregon Laws 2017, Food safety, and authorized the establishment of one limited duration position (0.38 FTE) to purchase laboratory equipment and conduct method development on a potential test for the presence of cyanotoxins in manufactured food products.
- 56. Department of Forestry**
Acknowledged receipt of a preliminary report on the 2018 fire season and increased the Other Funds expenditure limitation established for the Department of Forestry by section 2(2), chapter 592, Oregon Laws 2017, Fire protection, by \$68,379,072 for fire suppression costs; and deferred action on the request for a \$1,415,825 Emergency Fund allocation until the 2014 fire season costs are finalized.
- 57. Department of Forestry**
Allocated \$1,000,000 from the amount reserved in the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Forestry by section 1(3), chapter 592, Oregon Laws 2017, Private

forests, for the direct treatment of the EU1 lineage of Phytophthora Ramorum (Sudden Oak Death) infested sites, with instructions.

58. Department of Energy

Approved, retroactively, the submission of a federal grant application to the U.S. Department of Energy in the amount of \$600,248 for data collection and research toward developing industry standard practices for energy efficient residential building energy codes.

59. Department of Geology and Mineral Industries

Approved, retroactively, the submission of a federal grant application to the U.S. Geological Survey in the amount of \$274,000 for the 3D Elevation Program initiative.

60. Department of Geology and Mineral Industries

Approved, retroactively, the submission of a federal grant application to the Federal Emergency Management Agency in the amount of \$1,150,000 for the Cooperating Technical Partners Program.

61. Department of Geology and Mineral Industries

Approved, retroactively, the submission of a federal grant application to the National Oceanic and Atmospheric Administration in the amount of \$361,295 for the National Tsunami Hazard Mitigation Program.

62. Department of Geology and Mineral Industries

Increased the Other Funds expenditure limitation established for the Department of Geology and Mineral Industries by section 2(2), chapter 508, Oregon Laws 2017, Mined land reclamation, by \$450,000 for the Mined Land Regulation and Reclamation Program.

63. Parks and Recreation Department

Increased the Lottery Funds expenditure limitation established for the Parks and Recreation Department by section 2(3), chapter 547, Oregon Laws 2017, Parks development, by \$1,900,000 for facilities investment projects.

64. Parks and Recreation Department

Increased the Lottery Funds expenditure limitation established for the Parks and Recreation Department by section 2(4), chapter 547, Oregon Laws 2017, Direct services, by \$2,000,000 for maintenance projects on state park property.

65. Parks and Recreation Department

Increased the Lottery Funds expenditure limitation established for the Parks and Recreation Department by section 2(4), chapter 547, Oregon Laws 2017, Direct services, by \$100,000 for enforcement officer training.

66. Parks and Recreation Department

Increased the Other Funds expenditure limitation established for the Parks and Recreation Department by section 1(4), chapter 547, Oregon Laws 2017, Direct services, by \$455,448 to expend funds received from the Oregon State Parks Foundation for the construction of the Cottonwood Canyon Experience Center.

- 67. Parks and Recreation Department**
Increased the Lottery Funds expenditure limitation established for the Parks and Recreation Department by section 2(2), chapter 547, Oregon Laws 2017, Central services, by \$1,208,230 for increased costs in merchant services and phone reservation fees.
- 68. Parks and Recreation Department**
Increased the Lottery Funds expenditure limitation established for the Parks and Recreation Department by section 2(3), chapter 547, Oregon Laws 2017, Parks development, by \$1,500,000 for the acquisition of state park property.
- 69. Water Resources Department**
Allocated \$1,352,526 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Water Resources Department by section 1(5), chapter 606, Oregon Laws 2017, Director's office, for anticipated legal costs through the end of the 2017-19 biennium.
- 70. Department of Environmental Quality**
Allocated \$380,000 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Department of Environmental Quality by section 1(2), chapter 591, Oregon Laws 2017, Water quality, and authorized the establishment of four limited duration positions (1.50 FTE) for the lab testing of cyanotoxins in the state's drinking water.
- 71. Department of Aviation**
Deferred action on the request to retroactively approve the submission of a federal grant application to the Federal Aviation Administration in the amount of \$37 million for a runway extension project at the Aurora State Airport until the December 2018 meeting of the Emergency Board, with instructions the agency coordinate with Oregon Solutions at Portland State University for a stakeholder discussion.
- 72. Department of Transportation**
Approved, retroactively, the submission of a federal grant application to the Federal Transit Administration in the amount of up to \$5,166,470 for a Bus and Bus Facilities Infrastructure Discretionary grant on behalf of rural transit providers.
- 73. Department of Transportation**
Approved, retroactively, the submission of a federal grant application to the Federal Transit Administration in the amount of up to \$3,926,885 for a Low or No Emissions Bus Discretionary grant for the purchase of buses.
- 74. Department of Transportation**
Approved, retroactively, the submission of a federal grant application to the Federal Rail Administration in the amount of \$3 million for a 2017 Consolidated Rail Infrastructure and Safety Improvements grant to complete significant rail safety and efficiency improvements aimed at reducing congestion and delays for passenger and freight trains at the North Portland and Peninsula Junctions of the Union Pacific line.

- 75. Department of Transportation**
Approved, retroactively, the submission of a federal grant application to the Federal Rail Administration in the amount of \$3 million for a 2018 Consolidated Rail Infrastructure and Safety Improvements grant to complete significant rail safety and efficiency improvements aimed at reducing congestion and delays for passenger and freight trains at the North Portland and Peninsula Junctions of the Union Pacific line.
- 76. Department of Transportation**
Increased the Other Funds expenditure limitation established for the Department of Transportation by section 4(1), chapter 604, Oregon Laws 2017, Capital improvement, by \$3,331, 972 for the construction of salt sheds.
- 77. Department of Transportation**
Increased the Other Funds expenditure limitation established for the Department of Transportation by section 4(15), chapter 604, Oregon Laws 2017, Central services, by \$5,078,026 to increase use of the Emerging Small Business Program.
- 78. Department of Transportation**
Increased the Other Funds expenditure limitation established for the Department of Transportation by section 1(6)(b), chapter 808, Oregon Laws 2015, Meacham Maintenance Station, by \$7,200,000 for the replacement of the Meacham Maintenance Station.
- 79. Department of Transportation**
Increased the Other Funds expenditure limitation established for the Department of Transportation by section 4(2), chapter 604, Oregon Laws 2017, Maintenance and emergency relief programs, by \$19,895,997 to offset expenses resulting from the Eagle Creek fire and winter storm damages.
- 80. Oregon Business Development Department**
Increased the Other Funds expenditure limitation established for the Oregon Business Development Department by section 55(9), chapter 702, Oregon Laws 2017, regional solutions, by \$3,999,999 for project support.
- 81. Employment Department**
Acknowledged receipt of a report on specific aspects of the agency's liquidated and delinquent accounts receivable.
- 82. Department of Consumer and Business Services**
Approved, retroactively, the submission of a federal grant application to the Centers for Medicare and Medicaid Services in the amount of \$282,754 to research health insurance plan affordability and availability.
- 84. Public Employees Retirement System**
Increased the Other Funds expenditure limitation established for the Public Employees Retirement System by section 1(2), chapter 600, Oregon Laws 2017, Financial and Administrative Services Division, by \$79,291, and authorized the establishment of one investment accountant position (0.38 FTE), with the understanding that the Department

of Administrative Services will unschedule the limitation pending Public Employees Retirement System updating the position duties to only include trust fund-related activities.

86. Public Employees Retirement System

Authorized, within the Other Funds expenditure limitations established for the Public Employees Retirement System by section 1, chapter 600, Oregon Laws 2017, the transfer of \$258,244 and four positions (1.50 FTE) from subsection (4), Operations Division, to subsection (1), Central Administration Division; the transfer of \$100,000 from subsection (4), Operations Division, to subsection (2), Financial and Administrative Services Division; and the transfer of \$100,000 from subsection (4), Operations Division, to subsection (5), Compliance, Audit, and Risk Division, for an agency rebalance.

87. Oregon Liquor Control Commission

Increased the Other Funds expenditure limitation established for the Oregon Liquor Control Commission by section 1(2), chapter 578, Oregon Laws 2017, Marijuana regulation, by \$800,000 for fees associated with the Cannabis Tracking System; and increased the Other Funds expenditure limitation established for the Oregon Liquor Control Commission by section 1(1), chapter 578, Oregon Laws 2017, Administrative expenses, by \$1,182,058 for administrative expenses related to replacement and administration of agency information technology systems, with the understanding that the Department of Administrative services will unschedule \$728,596 of the limitation for administrative expenses pending a negotiated contract that demonstrates utilization of the funds.

88. Department of Revenue

Acknowledged receipt of a report on the agency's progress to develop an outcome-based assessment.

89. Department of Revenue

Increased the Other Funds expenditure limitation established for the Department of Revenue by section 2(4), chapter 601, Oregon Laws 2017, Business Division, by \$91,124 and increased the Other Funds expenditure limitation established for the Department of Revenue by section 2(2), chapter 601, Oregon Laws 2017, Property Tax Division, by \$4,500 for the implementation of HB 4139 (2018).

90. Department of Revenue

Increased the Other Funds expenditure limitation established for the Department of Revenue by section 2(4), chapter 601, Oregon Laws 2017, Business Division, by \$18,098 for the implementation of HB 3180 (2017).

92. Department of Administrative Services

Increased the Other Funds expenditure limitation established for the Department of Administrative Services by section 2(6), chapter 572, Oregon Laws 2017, Enterprise Asset Management, by \$1,505,301 for the purchase of 70 vehicles.

- 93. Department of Administrative Services**
Established a Federal Funds expenditure limitation of \$847,000 for the Department of Administrative Services, Office of the State Chief Information Officer – Policy, to accommodate grants and contracts for statewide aerial imagery.
- 94. Department of Administrative Services**
Increased the Other Funds expenditure limitation established for the Department of Administrative Services by section 2(5)(a), chapter 572, Oregon Laws 2017, Office of the State Chief Information Officer – State Data Center, Operations, by \$9,300,000, and authorized the transfer of \$10,000,000 from the Other Funds expenditure limitation established for the Department of Administrative Services by section 2(5)(b), chapter 572, Oregon Laws 2017, Office of the State Chief Information Officer – State Data Center, Pass-through expenditures, to the Other Funds expenditure limitation established for the Department of Administrative Services by section 2(5)(a), chapter 572, Oregon Laws 2017, Office of the State Chief Information Officer – State Data Center, Operations, for increased services.
- 95. Department of Administrative Services**
Acknowledged receipt of a report on uniform rent rates and recommended to the 2019 Legislative Assembly that it approve, for each agency, an amount sufficient to pay rentals required under the final schedule for uniform rent based on the 2019-21 legislatively adopted budget for the Department of Administrative Services as required under ORS 276.390.
- 96. Department of Public Safety Standards and Training**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Commerce, National Institute of Standards and Technology in the amount of \$214,006 to develop three-dimensional maps of indoor public spaces in Oregon.
- 97. Oregon Business Development Department**
Approved, retroactively, the submission of a federal grant application to the U.S. Environmental Protection Agency in the amount of \$500,000 for additional capitalization of Oregon Brownfields Cleanup Fund which provides cleanup financing for sites contaminated by hazardous substances and petroleum.
- 98. Oregon Business Development Department**
Approved, retroactively, the submission of a federal grant application to the U.S. Department of Agriculture in the amount of \$300,000 to support targeted technical assistance and other training leading to the development or expansion of small and emerging private businesses in rural areas.
- 99. Military Department**
Allocated \$188,000 from the Emergency Fund established by section 1, chapter 702, Oregon Laws 2017, to supplement the appropriation made to the Military Department by section 1(3), chapter 566, Oregon Laws 2017, Emergency management, for emergency preparedness equipment for fuel distribution facilities.

A-Engrossed
House Bill 2725

Ordered by the House April 17
Including House Amendments dated April 17

Sponsored by Representative HELM, Senator PROZANSKI, Representative KENY-GUYER; Representatives GREENLICK, MALSTROM, MARSH, NOSSE, POWER, SANCHEZ, Senators DEMBROW, STEINER HAYWARD (Presession filed.)

SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure.

[Requires Environmental Quality Commission to adopt by rule grant program for providing funding to local service providers to develop and implement woodstove replacement rebate programs.]

Appropriates moneys from General Fund to Department of Environmental Quality for *[awarding grants under grant program.]* **supporting community efforts to improve economic development and public health by reducing emissions from solid fuel burning devices that burn wood.**

Declares emergency, effective *[on passage]* **July 1, 2017.**

A BILL FOR AN ACT

1
2 Relating to wood smoke pollution; and declaring an emergency.

3 **Be It Enacted by the People of the State of Oregon:**

4 **SECTION 1. In addition to and not in lieu of any other appropriation, there is appropri-**
5 **ated to the Department of Environmental Quality, for the biennium beginning July 1, 2017,**
6 **out of the General Fund, the amount of \$1,000,000, to be deposited in the Residential Solid**
7 **Fuel Heating Air Quality Improvement Fund for the purpose of supporting community ef-**
8 **forts to improve economic development and public health by reducing emissions from solid**
9 **fuel burning devices that burn wood.**

10 **SECTION 2. This 2017 Act being necessary for the immediate preservation of the public**
11 **peace, health and safety, an emergency is declared to exist, and this 2017 Act takes effect**
12 **July 1, 2017.**

13

NOTE: Matter in **boldfaced** type in an amended section is new; matter *[italic and bracketed]* is existing law to be omitted. New sections are in **boldfaced** type.

Enrolled
House Bill 5201

Sponsored by JOINT COMMITTEE ON WAYS AND MEANS

CHAPTER

AN ACT

Relating to state financial administration; creating new provisions; amending section 1, chapter 594, Oregon Laws 2017; repealing section 1, chapter 589, Oregon Laws 2017, section 2, chapter 594, Oregon Laws 2017, and section 21, chapter 655, Oregon Laws 2017; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3, chapter 562, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payments of expenses from lottery moneys allocated from the Parks and Natural Resources Fund to the State Department of Agriculture for the Oregon Plan, is increased by \$846,821 for invasive pest eradication activities.

SECTION 2. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 562, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, and including federal funds for contract services, but excluding lottery funds and federal funds not described in section 2, chapter 562, Oregon Laws 2017, collected or received by the State Department of Agriculture, for market access, is decreased by \$16,836.

SECTION 3. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 509, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Bureau of Labor and Industries, is increased by \$275,000 for apprenticeship expansion and diversification efforts.

SECTION 4. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 506, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and moneys appropriated to the Employment Department by sections 2 and 3, chapter 506, Oregon Laws 2017, but excluding lottery funds and federal funds not described in section 2, chapter 506, Oregon Laws 2017, collected or received by the Employment Department, for unemployment insurance, business and workforce development and workforce and economic research, is increased by \$5,574,000 for enhanced employment services provided to able-bodied adults without dependents.

SECTION 5. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 574, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for operations, from fees,

moneys or other revenues, including Miscellaneous Receipts and federal funds from the United States Department of Housing and Urban Development for contract services, but excluding lottery funds and federal funds not described in section 2, chapter 574, Oregon Laws 2017, collected or received by the Housing and Community Services Department, is increased by \$18,200,000 for shelter capacity and homelessness prevention services provided through the Emergency Housing Assistance program.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Housing and Community Services Department by section 1, chapter 574, Oregon Laws 2017, for the biennium ending June 30, 2019, is increased by \$5,000,000 for shelter capacity and homelessness prevention services provided through the Emergency Housing Assistance program.

SECTION 6. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 574, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for operations, from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds from the United States Department of Housing and Urban Development for contract services, but excluding lottery funds and federal funds not described in section 2, chapter 574, Oregon Laws 2017, collected or received by the Housing and Community Services Department, is increased by \$125,000 for payments associated with the Rent Guarantee Program pursuant to ORS 456.608.

SECTION 7. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 574, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for operations, from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds from the United States Department of Housing and Urban Development for contract services, but excluding lottery funds and federal funds not described in section 2, chapter 574, Oregon Laws 2017, collected or received by the Housing and Community Services Department, is increased by \$150,000 for payments from the Wildfire Damage Housing Relief Account pursuant to ORS 458.667.

SECTION 8. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (2), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for maintenance and emergency relief programs, is increased by \$4,557,817.

SECTION 9. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (3), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for the preservation program, is increased by \$19,014,074.

SECTION 10. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (4), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for the bridge program, is increased by \$55,457,715.

SECTION 11. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (5), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for the operations program, is increased by \$39,791,394.

SECTION 12. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (6), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for the modernization program, is increased by \$18,000,000.

SECTION 13. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (7), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for special programs, is increased by \$14,584,061.

SECTION 14. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (8), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for the local government program, is increased by \$14,690,000.

SECTION 15. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (9), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for driver and motor vehicle services, is increased by \$450,014.

SECTION 16. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (11), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for transportation program development, is increased by \$1,248,970.

SECTION 17. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (12), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and

federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for public transit, is increased by \$52,156,432.

SECTION 18. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (14), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for transportation safety, is increased by \$394,383.

SECTION 19. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (15), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for central services, is increased by \$7,500,125.

SECTION 20. Section 1, chapter 589, Oregon Laws 2017, and section 21, chapter 655, Oregon Laws 2017, are repealed.

SECTION 21. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 98, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and proceeds of bonds issued pursuant to Article XI-P of the Oregon Constitution, but excluding lottery funds and federal funds, collected or received by the Department of Education, for matching grants made to school districts for construction or improvement to school facilities through the Oregon School Capital Improvement Matching program, is increased by \$39,312,315.

SECTION 22. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (2), chapter 372, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Department of Consumer and Business Services for the Senior Health Insurance Benefit Assistance program, is increased by \$810,000.

SECTION 23. Notwithstanding any other law limiting expenditures, the amount of \$1,157,514 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Department of Consumer and Business Services, Division of Financial Regulation, for the planning and implementation of health insurance market reforms.

SECTION 24. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter 375, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Department of State Lands for Common School Fund programs, is increased by \$155,734 for the expenditure of Wetland Program federal grant funds.

SECTION 25. Notwithstanding any other provision of law, the General Fund appropriation made to the Emergency Board by section 5 (1), chapter 592, Oregon Laws 2017, for the biennium ending June 30, 2019, for allocation to the State Forestry Department, is decreased by \$2,000,000.

SECTION 26. Notwithstanding any other provision of law, the General Fund appropriation made to the State Forestry Department by section 1 (2), chapter 592, Oregon Laws 2017, for the biennium ending June 30, 2019, for fire protection, is increased by \$26,194,224 for the payment of emergency firefighting costs, severity resources, district deductibles and interest expense associated with the 2017 forest fire season.

SECTION 27. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter 592, Oregon Laws 2017, for the biennium

ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds from the United States Forest Service for fire protection and for research projects, but excluding lottery funds and federal funds not described in section 2, chapter 592, Oregon Laws 2017, collected or received by the State Forestry Department, for fire protection, is increased by \$22,743,921 for the payment of emergency firefighting costs associated with the 2017 forest fire season.

SECTION 28. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Secretary of State by section 1 (1), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Administrative Services Division, is increased by \$343,094.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Secretary of State by section 1 (2), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Elections Division, is decreased by \$375,745.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Secretary of State, for the Administrative Services Division, is decreased by \$37,839.

(4) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Secretary of State, for the Audits Division, is decreased by \$49,522.

(5) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Secretary of State, for the Archives Division, is decreased by \$16,420.

(6) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (5), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Secretary of State, for the Corporation Division, is decreased by \$24,073.

(7) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3, chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Secretary of State, is increased by \$117,889.

SECTION 29. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter 580, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Business Development Department, for the Infrastructure Finance Authority, is increased by \$642,194 for repairing and improving docks owned by the Port of Brookings Harbor.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (1), chapter 580, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Oregon Business Development Department, for business, innovation and trade, is increased by \$703,125 for the State Trade Expansion Program.

SECTION 30. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 600, Oregon Laws 2017, for the biennium

ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Central Administration Division, is increased by \$445,794.

SECTION 31. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (4), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Operations Division, is decreased by \$277,350.

SECTION 32. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (5), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Compliance, Audit and Risk Division, is decreased by \$168,444.

SECTION 33. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Justice by section 1 (1), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Appellate Division, is decreased by \$25,646.

SECTION 34. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Justice by section 1 (2), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Civil Enforcement Division, is increased by \$152,705.

SECTION 35. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Military Department by section 1 (2), chapter 566, Oregon Laws 2017, for the biennium ending June 30, 2019, for operations, is increased by \$251,977 for expenses incurred during the August 2017 solar eclipse.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Military Department by section 1 (3), chapter 566, Oregon Laws 2017, for the biennium ending June 30, 2019, for emergency management, is increased by \$8,747 for expenses incurred during the August 2017 solar eclipse.

SECTION 36. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 566, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 566, Oregon Laws 2017, collected or received by the Oregon Military Department, for community support, is increased by \$5,442,829 for expenses incurred during the 2017 fire season in Oregon.

SECTION 37. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (1), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for patrol services, criminal investigations and gaming enforcement, is increased by \$90,000 for expenses incurred during the 2017 fire season in Oregon.

SECTION 38. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (4), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for administrative services, agency support, criminal justice information services and the office of the State Fire Marshal, is increased by \$3,165,945 for expenses incurred during the 2017 fire season in Oregon.

SECTION 39. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal

funds, collected or received by the Department of State Police, for administrative services, agency support, criminal justice information services and the office of the State Fire Marshal, is increased by \$12,770,000 for expenses incurred during the 2017 fire season in Oregon.

SECTION 40. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Long Term Care Ombudsman by section 1 (1), chapter 579, Oregon Laws 2017, for the biennium ending June 30, 2019, for general program and services provided to care facility residents, is increased by \$28,639.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Long Term Care Ombudsman by section 1 (2), chapter 579, Oregon Laws 2017, for the biennium ending June 30, 2019, for the public guardian and conservator program, is decreased by \$28,639.

SECTION 41. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4, chapter 585, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Department of Veterans' Affairs, is increased by \$500,000 for transportation of veterans in highly rural areas.

SECTION 42. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for the Chief Operating Office, is increased by \$302,524 for the CASA Volunteer Program and economic forecasting.

SECTION 43. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (6), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for enterprise asset management, is increased by \$8,485,000.

SECTION 44. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 589, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 2, chapter 589, Oregon Laws 2017, collected or received by the Department of Environmental Quality, for permitting and program implementation, is increased by \$18,000,140 for electric vehicle rebate special payments and greenhouse gas reporting activities.

SECTION 45. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (1), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, for commission operations, is increased by \$425,049 for budget shortfalls related to enterprise technology services and client services.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 5, chapter 708, Oregon Laws 2017, for the biennium ending June 30, 2019, for the purpose of carrying out Oregon's Open Educational Resources (OER) Program, is decreased by \$360,000.

SECTION 46. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 6 (1), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or

other revenues, including Miscellaneous Receipts, but excluding lottery funds, federal funds and funds described in sections 9 and 10, chapter 595, Oregon Laws 2017, collected or received by the Higher Education Coordinating Commission, for operations, is increased by \$11,030 for budget shortfalls related to enterprise technology services and client services.

SECTION 47. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 7 (1), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Higher Education Coordinating Commission, for operations, is increased by \$198,541 for budget shortfalls related to enterprise technology services and client services.

SECTION 48. Section 1, chapter 594, Oregon Laws 2017, is amended to read:

Sec 1. There is appropriated to the Chief Education Office, for the biennium beginning July 1, 2017, out of the General Fund, the amount of [\$4,022,118] **\$8,616,069** for expenses [*incurred during the first year of the biennium*] **of the office.**

SECTION 48a. Section 2, chapter 594, Oregon Laws 2017, is repealed.

SECTION 49. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 583, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Public Safety Standards and Training, for operations, is increased by \$623,260 for expenses incurred during the 2017 fire season in Oregon.

SECTION 50. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 583, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Public Safety Standards and Training, for operations, is increased by \$400,000 for crisis intervention training for first responders.

SECTION 51. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 505, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Criminal Justice Commission, is increased by \$450,000 for implementation of a new case management system for Oregon's specialty courts.

SECTION 52. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3, chapter 505, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Oregon Criminal Justice Commission, is increased by \$1,045,940 for grant-funded Justice Reinvestment programs and improving recidivism analysis.

SECTION 53. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 566, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds, other than those described in section 2, chapter 566, Oregon Laws 2017, collected or received by the Oregon Military Department, for operations, is increased by \$16,421,308 for lead dust abatement projects at eight armories throughout Oregon.

SECTION 54. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 580, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Oregon Business Development Department, for business, innovation and trade, is decreased by \$1,250,000 for the Strategic Reserve Fund.

(2) Notwithstanding any other law limiting expenditures, the amount of \$1,250,000 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Oregon Business Development Department for business, innovation and trade, for transfers to the Oregon Growth Fund.

SECTION 55. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 375, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys, or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of State Lands, for Common School Fund programs, is increased by \$7,244,215 for expenses associated with the cleanup efforts at the Goble, Oregon, site on the Columbia River.

SECTION 56. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (4), chapter 547, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the State Parks and Recreation Department, for direct services, is increased by \$200,000 for the eradication and treatment of trees infected with Sudden Oak Death within the Cape Sebastian State Scenic Corridor.

SECTION 57. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Justice, for the Civil Enforcement Division, is increased by \$53,241 for the Medicaid Fraud Unit.

SECTION 58. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Department of Justice, for the Civil Enforcement Division, is increased by \$159,723 for the Medicaid Fraud Unit.

SECTION 59. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$1,447,475 for the implementation of chapter 750, Oregon Laws 2017.

SECTION 60. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Business Division, is increased by \$933,316 for implementation of chapter 750, Oregon Laws 2017.

SECTION 61. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 5, chapter 589, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 5, chapter 589, Oregon Laws 2017, collected or received by the Department of Revenue, for the core system replacement program and the implementation of chapter 750, Oregon Laws 2017, is decreased by \$497,420.

SECTION 62. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$270,391 for implementation of chapter 746, Oregon Laws 2017.

SECTION 63. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Business Division, is increased by \$917,305 for implementation of chapter 746, Oregon Laws 2017.

SECTION 64. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 41, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for the core system replacement program from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 41, chapter 702, Oregon Laws 2017, collected or received by the Department of Revenue, is increased by \$600,000 for the implementation of chapter 746, Oregon Laws 2017.

SECTION 65. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for administration, is increased by \$53,884 for implementation of chapter 644, Oregon Laws 2017.

SECTION 66. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$9,509 for implementation of chapter 644, Oregon Laws 2017.

SECTION 67. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Personal Tax and Compliance Division, is increased by \$240,058 for implementation of chapter 644, Oregon Laws 2017.

SECTION 68. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Personal Tax and Compliance Division, is increased by \$4,899 for implementation of chapter 644, Oregon Laws 2017.

SECTION 69. Notwithstanding any other provision of law, the General Fund appropriation established for the Department of Revenue by section 1 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Business Division, is increased by \$83,285 for implementation of chapter 644, Oregon Laws 2017.

SECTION 70. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or

other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Business Division, is increased by \$80,019 for implementation of chapter 644, Oregon Laws 2017.

SECTION 71. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (5), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Compliance, Audit and Risk Division, is increased by \$80,000 for an independent actuarial review.

SECTION 72. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (5), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Compliance, Audit and Risk Division, is increased by \$176,661 for a security and risk officer position.

SECTION 73. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (3), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Information Services Division, is increased by \$487,174 for agency operations.

SECTION 74. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (3), chapter 600, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Employees Retirement System, for the Information Services Division, is increased by \$200,000 for the Individual Account Program target date fund expenditure.

SECTION 75. Notwithstanding any other law limiting expenditures, the amount of \$108,109 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Business Development Department for general obligation bond debt service.

SECTION 76. Notwithstanding any other law limiting expenditures, the amount of \$24,302 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Education for debt service on Article XI-P general obligation bonds.

SECTION 77. Notwithstanding any other law limiting expenditures, the amount of \$24,434 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Higher Education Coordinating Commission for debt service on Article XI-G bonds issued for the benefit of Oregon Health and Science University.

SECTION 78. For the biennium ending June 30, 2019, expenditures by the Higher Education Coordinating Commission from proceeds of state bonds issued during the period beginning July 1, 2013, and ending June 30, 2015, for the benefit of a public university, pursuant to agreements between the commission and a public university, are not limited.

SECTION 79. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or

other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for administrative services, is decreased by \$32,487.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (2), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for field services, is increased by \$1,109,796.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (3), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for water rights and adjudications, is increased by \$303,314.

(4) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (4), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for technical services, is decreased by \$1,430,120.

(5) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (5), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for the director's office, is increased by \$49,497.

(6) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (2), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds other than federal funds described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for technical services, is decreased by \$75,000.

(7) Notwithstanding any other law limiting expenditures, the following amounts are established for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from federal funds other than federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, collected or received by the Water Resources Department, for the following purposes:

- (a) Administrative services \$ 25,000
- (b) Water rights and adjudications \$ 25,000
- (c) Director's office \$ 25,000

SECTION 80. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Corrections by section 1 (2), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, for central administration and administrative services, is decreased by \$746,961.

SECTION 81. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Corrections by section 1 (4), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, for community corrections, is decreased by \$222,338.

SECTION 82. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Corrections by section 1 (3), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, for offender management and rehabilitation, is increased by \$469,024.

SECTION 83. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Corrections by section 1 (1), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, for operations and health services, is increased by \$500,275.

SECTION 84. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Corrections, for community corrections, is decreased by \$21,990.

SECTION 85. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 573, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Corrections, for operations and health services, is increased by \$21,990 for expenses associated with moving a position between work units.

SECTION 86. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (3), chapter 375, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of State Lands, for South Slough National Estuarine Research Reserve operations, is increased by \$235,081, for the expenditure of University of Michigan grant funding awarded to the South Slough National Estuarine Research Reserve.

SECTION 87. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Department of Administrative Services by section 1, chapter 599, Oregon Laws 2017, for the biennium ending June 30, 2019, for debt service on outstanding general obligation bonds sold pursuant to Article XI-G of the Oregon Constitution for the benefit of Oregon Health and Science University, is decreased by \$11,785,250.

SECTION 88. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 599, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses by the Oregon Department of Administrative Services from the Oregon Health and Science University Bond Fund for specified purposes, is decreased by \$17,177,050.

SECTION 89. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3, chapter 599, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses by the Oregon Department of Administrative Services for debt service on outstanding general obligation bonds issued pursuant to Article XI-F (1) of the Oregon Constitution for the benefit of Oregon Health and Science University and paid with resources received from Oregon Health and Science University and interest earned on the bonds, is decreased by \$4,169,013.

SECTION 90. Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (16)(c), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, for debt service on outstanding general obligation bonds sold pursuant to Article XI-G of the Oregon Constitution for the benefit of Oregon Health and Science University, is increased by \$11,760,817.

SECTION 91. Notwithstanding any other law limiting expenditures, the amount of \$17,177,050 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Higher Education Coordinating Commission for debt service and other bond-related costs on Article XI-L bonds issued for the benefit of Oregon Health and Science University.

SECTION 92. Notwithstanding any other law limiting expenditures, the amount of \$3,892,874 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses by the Higher Education Coordinating Commission for debt service on outstanding general obligation bonds issued pursuant to Article XI-F (1) of the Oregon Constitution for the benefit of Oregon Health and Science University and paid with resources received from Oregon Health and Science University and interest earned on the bonds.

SECTION 93. (1) Notwithstanding any other provision of law, the limitation on expenditures established by section 2 (3), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for policy within the Office of the State Chief Information Officer, is increased by \$288,399 for a transfer of positions between programs.

(2) Notwithstanding any other provision of law, the limitation on expenditures established by section 2 (5)(a), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for State Data Center operations within the Office of the State Chief Information Officer, is decreased by \$288,399 due to a transfer of positions between programs.

SECTION 94. (1) Notwithstanding any other provision of law, the limitation on expenditures established by section 2 (2), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, the proceeds of bonds for the Orphan Site Account and federal funds from congestion mitigation and air quality grants, drinking water protection, beach bacteria monitoring, laboratory accreditation and woodstove grants and for smoke monitoring laboratory services, but excluding lottery funds and federal funds not de-

scribed in section 2, chapter 591, Oregon Laws 2017, collected or received by the Department of Environmental Quality, for water quality, is decreased by \$272,092.

(2) Notwithstanding any other provision of law, the limitation on expenditures established by section 5 (2), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds other than those described in section 2, chapter 591, Oregon Laws 2017, collected or received by the Department of Environmental Quality, for water quality, is increased by \$342,092 for transfer of a federal grant.

SECTION 95. Notwithstanding any other provision of law, the authorized appropriations and expenditure limitations for the biennium ending June 30, 2019, for the following agencies and programs are changed by the amounts specified:

(1) ADMINISTRATION.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
Oregon Department of Administrative Services:		
Debt service		
General Fund	Ch. 572 1(5)	-117,367
Debt service and related costs		
Lottery funds	Ch. 572 3	-421,272
ODAS debt service		
Other funds	Ch. 572 2(13)	+30,729

(2) ECONOMIC DEVELOPMENT.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
Oregon Business Development Department:		
Debt service		
General Fund	Ch. 580 1(3)	-108,108

(3) EDUCATION.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
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Department of Education:		
Debt service -		
XI-P bonds:		
General Fund	Ch. 590 8	-24,301
Higher Education		
Coordinating Commission:		
Debt service on outstanding		
general obligation bonds sold		
pursuant to Article XI-G of		
the Oregon Constitution for		
the benefit of Oregon		
community colleges		
General Fund	Ch. 595 1(16)(a)	-227,591
Debt service on outstanding		
general obligation bonds sold		
pursuant to Article XI-G of		
the Oregon Constitution for		
the benefit of Oregon		
public universities		
General Fund	Ch. 595 1(16)(b)	-870,472
Debt service on outstanding		
general obligation bonds sold		
pursuant to Article XI-Q of		
the Oregon Constitution for		
the benefit of Oregon		
public universities		
General Fund	Ch. 595	
	1(16)(d)	-1,369,658
Debt service on Article XI-G		
and XI-Q bonds issued for the		
benefit of Oregon public		
universities		
Other funds	Ch. 595 6(3)	+2,240,132
Debt service on Article XI-G		
bonds issued for the benefit		
of Oregon community colleges		
Other funds	Ch. 595 6(4)	+227,592

(4) LEGISLATIVE BRANCH.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Legislative Administration Committee:		
Debt service		
General Fund	Ch. 577 1(2)	-48,618
Other funds	Ch. 577 2(2)	+48,619

(5) TRANSPORTATION.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Department of Transportation:		
Debt service		
Lottery funds	Ch. 604 6	-1,008,172
Other funds	Ch. 604 4(16)	+1,008,173

(6) PUBLIC SAFETY.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Department of Corrections:		
Debt service		
General Fund	Ch. 573 1(5)	-43,041

SECTION 96. (1) The allocation to the Department of State Police of moneys deposited into the Watershed Conservation Operating Fund by section 1, chapter 586, Oregon Laws 2017, for fish and wildlife activities to implement Article XV, section 4b, of the Oregon Constitution, is increased by \$76,711.

(2) The allocation to the State Department of Fish and Wildlife of moneys deposited into the Watershed Conservation Operating Fund by section 2, chapter 586, Oregon Laws 2017, for activities and projects to implement Article XV, section 4b, of the Oregon Constitution, is increased by \$113,745.

(3) The allocation to the State Department of Agriculture of moneys deposited into the Watershed Conservation Operating Fund by section 3, chapter 586, Oregon Laws 2017, for activities and projects to implement Article XV, section 4b, of the Oregon Constitution, is increased by \$1,958,477.

(4) The allocation to the Department of Environmental Quality of moneys deposited into the Watershed Conservation Operating Fund by section 4, chapter 586, Oregon Laws 2017, for activities and projects to implement Article XV, section 4b, of the Oregon Constitution, is increased by \$122,134.

SECTION 97. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1, chapter 587, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses by the Oregon Watershed Enhancement Board from lottery moneys deposited into the Watershed Conservation Grant Fund from the Parks and Natural Resources Fund, for local grant expenditure purposes listed in Article XV, section 4b, of the Oregon Constitution, is increased by \$5,000,000.

SECTION 98. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Department of Administrative Services by section 18b (1), chapter 630,

Oregon Laws 2017, for the biennium ending June 30, 2019, for the purpose of administering and enforcing the duties, functions and powers transferred by section 12, chapter 630, Oregon Laws 2017, is increased by \$438,465.

SECTION 99. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for the Office of the State Chief Information Officer, is increased by \$2,500,000 for the purchase of fiber network.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (5)(a), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for State Data Center operations within the Office of the State Chief Information Officer, is increased by \$779,157 for assimilation of the Oregon Youth Authority data center.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (7), chapter 572, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received from charges, but excluding lottery funds and federal funds not described in section 2, chapter 572, Oregon Laws 2017, collected or received by the Oregon Department of Administrative Services, for enterprise goods and services, is increased by \$152,247 for the transfer of procurement staff.

SECTION 100. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Environmental Quality by section 1 (4), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, for agency management, is increased by \$1,083,217 for information technology.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Environmental Quality by section 1 (5), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, for debt service, is increased by \$833,867.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, the proceeds of bonds for the Orphan Site Account and federal funds from congestion mitigation and air quality grants, drinking water protection, beach bacteria monitoring, laboratory accreditation and woodstove grants and for smoke monitoring laboratory services, but excluding lottery funds and federal funds not described in section 2, chapter 591, Oregon Laws 2017, collected or received by the Department of Environmental Quality, for agency management, is increased by \$2,965,300 for bond proceeds and cost of issuance.

SECTION 101. Notwithstanding any other provision of law, the General Fund appropriation made to the State Department of Fish and Wildlife by section 1 (1), chapter 544, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Fish Division, is increased by \$350,000 for the operation of the Leaburg Fish Hatchery.

SECTION 102. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 583, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Public Safety Standards and Training, for

operations, is increased by \$3,657,838 for the addition of six classes to the 2017-2019 Public Safety Academy training calendar.

SECTION 103. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Military Department by section 1 (3), chapter 566, Oregon Laws 2017, for the biennium ending June 30, 2019, for emergency management, is increased by \$1,590,544 for administrative expenses.

SECTION 104. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (1), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for patrol services, criminal investigations and gaming enforcement, is decreased by \$1,424,506 for realigning positions between program units.

SECTION 105. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (2), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for fish and wildlife enforcement, is increased by \$114,144 for realigning positions between program units.

SECTION 106. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (3), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for forensic services and the State Medical Examiner, is increased by \$146,904 for realigning positions between program units.

SECTION 107. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (4), chapter 581, Oregon Laws 2017, for the biennium ending June 30, 2019, for administrative services, agency support, criminal justice information services and the office of the State Fire Marshal, is increased by \$4,139,016 for realigning positions between program units.

SECTION 108. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (2), chapter 372, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Consumer and Business Services, for the Workers' Compensation Division, is increased by \$29,520 for the reclassification of positions in the division.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (5), chapter 372, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Consumer and Business Services, for the Division of Financial Regulation, is increased by \$88,872 for the reclassification of positions in the division.

SECTION 109. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 375, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of State Lands, for Common School Fund programs, is increased by \$410,102 for position actions.

SECTION 110. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Education by section 1 (1), chapter 590, Oregon Laws 2017, for the biennium ending June 30, 2019, for operations, is increased by \$1,980,708 for staffing for the Office of Child Care and for testing for lead in drinking water in day care facilities.

SECTION 111. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3, chapter 373, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Occupational Therapy Licensing Board, is increased by \$24,000 for fingerprint background checks for new applicants.

SECTION 112. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 5, chapter 373, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the State Board of Examiners for Speech-Language Pathology and Audiology, is increased by \$131,158 for increased costs related to investigations.

SECTION 113. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 6, chapter 373, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon State Veterinary Medical Examining Board, is increased by \$46,111 for costs related to veterinary facility inspection.

SECTION 114. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 578, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Liquor Control Commission, for administrative expenses, is increased by \$677,175 for information technology improvements, management and oversight.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (2), chapter 578, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Liquor Control Commission, for marijuana regulation, is increased by \$3,631,786 for expenses related to the regulation of marijuana.

SECTION 115. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 127, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery funds allocated from the Veterans' Services Fund to the Housing and Community Services Department for the purpose of providing emergency housing assistance to veterans, is increased by \$1,150,000 for activities to address veterans' homelessness and housing stability.

SECTION 116. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (10), chapter 604, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds received as reimbursement from the United States Department of Transportation, but excluding lottery funds and federal funds not described in section 4, chapter 604, Oregon Laws 2017, collected or received by the Department of Transportation, for motor carrier transportation, is increased by \$979,439.

SECTION 117. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 1 (1), chapter 95, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Department of Aviation, for operations, is increased by \$950,000.

SECTION 118. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for programs, is decreased by \$31,921,099.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (2), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for central services, statewide assessments and enterprise-wide costs, is decreased by \$136,597.

(3) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (4), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for debt service, is decreased by \$1,370,485.

SECTION 119. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 11, chapter 721, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$10,195,935.

SECTION 120. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 2, chapter 695, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$400,000.

SECTION 121. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 5, chapter 540, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$50,000.

SECTION 122. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 30, chapter 613, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$250,000.

SECTION 123. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 4, chapter 652, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$557,600.

SECTION 124. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for programs, is increased by \$60,595,053.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for central services, statewide assessments and enterprise-wide costs, is decreased by \$904,109.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for capital improvement, is increased by \$43,119.

(4) Notwithstanding any other law limiting expenditures, the amount of \$1,371,293 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in this subsection, collected or received by the Oregon Health Authority, for debt service.

SECTION 125. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds, excluding federal funds described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for programs, is increased by \$242,980,723.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (2), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds, excluding federal funds described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for central services, statewide assessments and enterprise-wide costs, is decreased by \$5,183,355.

SECTION 126. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for programs, is increased by \$152,500 for technical support related to residential mental health rates.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 4 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds, excluding federal funds described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for programs, is increased by \$152,500 for technical support related to residential mental health rates.

SECTION 127. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$2,000,000, to be allocated to the Oregon Health Authority for mental health residential rate increases.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to December 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 128. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for programs, is increased by \$950,000 for school-based mental health services.

SECTION 129. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in section 2, chapter 545, Oregon Laws 2017, collected or received by the Oregon Health Authority, for

programs, is increased by \$10,000,000 for expenditures from the Health Care Provider Incentive Fund.

SECTION 130. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$30,000,000, to be allocated to the Oregon Health Authority or the Department of Human Services for caseload costs or other budget challenges that the agency is unable to mitigate.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to December 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 131. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Emergency Board by section 3 (1), chapter 579, Oregon Laws 2017, for the biennium ending June 30, 2019, for allocation to the Long Term Care Ombudsman for costs associated with the public guardian and conservator program, is decreased by \$200,000.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Long Term Care Ombudsman by section 1 (2), chapter 579, Oregon Laws 2017, for the biennium ending June 30, 2019, for the public guardian and conservator program, is increased by \$200,000.

SECTION 132. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$300,000, to be allocated to the Department of Human Services for caseload costs or ventilator-assisted services in nursing facilities.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to December 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 133. Notwithstanding any other provision of law, the General Fund appropriation made to the Emergency Board by section 3 (1), chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, for allocation to state agencies for compensation changes driven by collective bargaining for workers who are not state employees, is decreased by \$10,000,000.

SECTION 134. Notwithstanding any other provision of law, the General Fund appropriation made to the Emergency Board by section 5 (1), chapter 597, Oregon Laws 2017, for the biennium ending June 30, 2019, for allocation to the Department of Human Services for foster parent supports, is decreased by \$750,000.

SECTION 135. Notwithstanding any other provision of law, the authorized appropriations and expenditure limitations for the biennium ending June 30, 2019, for the Department of Human Services, are changed by the amounts specified:

Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
Central services and state assessments and enterprise-wide costs		
General Fund	Ch. 597 1(1)	+12,936,100
Other funds	Ch. 597 2(1)	+217,083
Federal funds	Ch. 597 3(1)	+13,405,396
Child welfare, self-		

sufficiency and vocational
rehabilitation services

General Fund	Ch. 597 1(2)	+57,899,144
Other funds	Ch. 597 2(2)	+7,841,400
Federal funds	Ch. 597 3(2)	+127,287,407

Aging and people with
disabilities and
intellectual/developmental
disabilities programs

General Fund	Ch. 597 1(3)	-7,005,894
Other funds	Ch. 597 2(3)	+33,172,224
Federal funds	Ch. 597 3(3)	-55,274,546

Shared services

Other funds	Ch. 597 2(4)	+11,367,375
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SECTION 136. (1) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 33, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 33, chapter 702, Oregon Laws 2017, collected or received by the Department of Justice, for the child support enforcement automated system in the child support enforcement automated program, is increased by \$2,758,537 for the child support enforcement automated system information technology project.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 35, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for the costs of issuance of general obligation bonds sold pursuant to Article XI-Q of the Oregon Constitution from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 35, chapter 702, Oregon Laws 2017, collected or received by the Department of Justice, for the capital debt service and related costs program for the child support enforcement automated system in the debt service and related costs program, is increased by \$56,463.

(3) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 36, chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses for the child support enforcement automated system in the child support enforcement automated program from federal funds, other than those described in section 33, chapter 702, Oregon Laws 2017, collected or received by the Department of Justice, is increased by \$5,398,887 for the child support enforcement automated system information technology project.

(4) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Justice by section 1 (7), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, for debt service and related costs, is decreased by \$23,047 for capital debt service and related costs for outstanding general obligation bonds sold pursuant to Article XI-Q of the Oregon Constitution for the child support enforcement automated system.

SECTION 137. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Justice by section 1 (3), chapter 576, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Criminal Justice Division, is increased by \$185,916 for election fraud violations.

SECTION 138. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (6), chapter 576, Oregon Laws 2017, for the biennium

ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Justice, for the General Counsel Division, is increased by \$1,277,744.

SECTION 139. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for administration, is decreased by \$604,613 for the Processing Modernization information technology project.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is decreased by \$52,575 for the Processing Modernization information technology project.

SECTION 140. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$50,000 for the Processing Modernization information technology project.

SECTION 141. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for administration, is increased by \$604,613 for financial and program management staffing.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$52,575 for financial and program management staffing.

SECTION 142. (1) Notwithstanding any other provision of law, the General Fund appropriation established for the Department of Revenue by section 1 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for administration, is increased by \$824,926 for post-core systems replacement project implementation and Research Section staff.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$9,115 for post-core systems replacement project implementation and Research Section staff.

(3) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Personal Tax and Compliance Division, is decreased by \$586,696 for post-core systems replacement project implementation and Research Section staff.

(4) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30,

2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Personal Tax and Compliance Division, is decreased by \$11,973 for post-core systems replacement project implementation and Research Section staff.

(5) Notwithstanding any other provision of law, the General Fund appropriation established for the Department of Revenue by section 1 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Business Division, is decreased by \$239,640 for post-core Systems Replacement project implementation and Research Section staff.

SECTION 143. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Business Division, is increased by \$184,140 for a collections division administrator.

SECTION 144. Notwithstanding any other provision of law, the General Fund appropriation made to the State Treasurer by section 1 (2), chapter 605, Oregon Laws 2017, for the biennium ending June 30, 2019, for administrative expenses related to the Oregon Retirement Savings Board, is increased by \$1,834,033.

SECTION 145. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (1), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, for operations, is increased by \$250,000 for the activities of the Oregon Volunteers Commission for Voluntary Action and Service.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 7 (1), chapter 595, Oregon Laws 2017, as the maximum limit for payment of expenses from federal funds collected or received by the Higher Education Coordinating Commission, for operations, is increased by \$3,606,774 for the activities of the Oregon Volunteers Commission for Voluntary Action and Service.

SECTION 146. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Office of the Governor by section 5, chapter 593, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Oregon Volunteers Commission for Voluntary Action and Service program, is increased by \$50,000.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 6, chapter 593, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from federal funds collected or received by the Office of the Governor, for the Oregon Volunteers Commission for Voluntary Action and Service program, is decreased by \$3,337,261.

SECTION 147. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Administration Committee by section 1 (1), chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, for the general program, is increased by \$609,885.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Legislative Administration Committee, for the general program, is increased by \$151,550 for costs of issuance of general obligation bonds.

(3) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Assembly by section 6, chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$375,000.

(4) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Assembly by section 7 (1), chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, is increased by \$380,565.

(5) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Assembly by section 7 (2), chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$380,565.

(6) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Counsel Committee by section 10, chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$375,000.

(7) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 11, chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Legislative Counsel Committee, is increased by \$250,000.

(8) Notwithstanding any other provision of law, the General Fund appropriation made to the Legislative Policy and Research Committee by section 14, chapter 577, Oregon Laws 2017, for the biennium ending June 30, 2019, is increased by \$840,115.

SECTION 148. Notwithstanding any other provision of law, the General Fund appropriation made to the State Department of Fish and Wildlife by section 1 (2), chapter 544, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Wildlife Division, is increased by \$50,000 for culling the elk herd near the Cold Springs National Wildlife Refuge.

SECTION 149. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Environmental Quality by section 1 (1), chapter 591, Oregon Laws 2017, for the biennium ending June 30, 2019, for air quality, is increased by \$1,000,000 for air quality permitting.

SECTION 150. In addition to and not in lieu of any other appropriation, there are appropriated to the Oregon Department of Administrative Services, for the biennium ending June 30, 2019, out of the General Fund, the following amounts for the following purposes:

- (1) Bradshaw Drop Irrigation
Canal Project \$ 1,895,000
- (2) National Urban Housing
and Economic Community
Development Corporation
for implementation of an
affordable homes, skills
training and jobs program
for unemployed prior
offenders, at-risk youth
and veterans \$ 1,100,000
- (3) City of Maupin Civic
Center project..... \$ 1,000,000
- (4) Chamber of Commerce
facility in Hermiston..... \$ 1,000,000
- (5) City of Maupin
fiber project \$ 500,000
- (6) City of Milwaukie Ledding
Library expansion project..... \$ 300,000
- (7) The Gem Theater regional
art center project \$ 300,000

- (8) Benton County ranked choice voting pilot project \$ 200,000
- (9) Study of the Silvies River and its drainages..... \$ 100,000

SECTION 151. Notwithstanding any other law limiting expenditures, the following amounts are established for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from lottery bond proceeds and other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Oregon Department of Administrative Services, for the following purposes:

- (1) Trillium Family Services for construction of a secure adolescent inpatient facility at Trillium Children’s Farm Home \$ 3,058,514
- (2) De Paul Treatment Centers for construction of a new treatment facility..... \$ 2,050,587

SECTION 152. (1) Notwithstanding any other law limiting expenditures, the amount of \$500,000 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Oregon Business Development Department, for the Oregon Infrastructure Finance Authority, for distributions to the City of Warrenton for the purpose of financing the rebuilding of a dock destroyed by fire in Warrenton, Oregon.

(2) Notwithstanding any other law limiting expenditures, the amount of \$500,000 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Oregon Business Development Department, for business, innovation and trade, for deposits in the Local Economic Opportunity Fund created by ORS 285B.260.

(3) Notwithstanding any other law limiting expenditures, the amount of \$500,000 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Oregon Business Development Department, for the Oregon Infrastructure Finance Authority, for distribution to the Port of Cascade Locks for the purpose of financing infrastructure and business recruitment at the port’s business park.

SECTION 153. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Judicial Department by section 1 (1), chapter 575, Oregon Laws 2017, for the biennium ending June 30, 2019, for judicial compensation, is increased by \$735,683.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Judicial Department by section 1 (2), chapter 575, Oregon Laws 2017, for the biennium ending June 30, 2019, for operations, is increased by \$2,378,568.

SECTION 154. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Public Defense Services Commission by section 1 (2), chapter 582, Oregon Laws 2017, for the biennium ending June 30, 2019, for professional services, is increased by \$1,340,000 to expand the Parent Child Representation Program to additional counties.

(2) In addition to and not in lieu of any other appropriation, there is appropriated to the Public Defense Services Commission, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$450,000 for the purposes of an Oregon-specific caseload standards study and an assessment of Oregon public defense services.

SECTION 155. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Secretary of State by section 1 (1), chapter 602, Oregon Laws 2017, for

the biennium ending June 30, 2019, for the Administrative Services Division, is increased by \$156,357 for improving the security of electronic elections systems.

(2) Notwithstanding any other provision of law, the General Fund appropriation made to the Secretary of State by section 1 (2), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Elections Division, is increased by \$257,306 for notification mailings required in the Oregon Motor Voter program.

(3) In addition to and not in lieu of any other appropriation, there is appropriated to the Secretary of State, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$1,663,885, for the Elections Division and county costs of conducting the January 2018 special election.

(4) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 602, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Secretary of State, for the Administrative Services Division, is increased by \$139,367 for Human Resources Division staffing.

SECTION 156. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$1,656,115, to be allocated to the Secretary of State for the Elections Division and county costs of conducting the January 2018 special election.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to August 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 157. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Office of the Governor by section 1, chapter 593, Oregon Laws 2017, for the biennium ending June 30, 2019, is increased by \$222,002 for an education policy advisor.

(2) In addition to and not in lieu of any other appropriation, there is appropriated to the Office of the Governor, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$230,772 for a census coordinator.

SECTION 158. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for programs, is increased by \$900,000 for the expansion of the Oregon Psychiatric Access Line program.

SECTION 159. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, for programs, is increased by \$150,000 for a Marion County sobering center.

SECTION 160. Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (10), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, for public university statewide programs, is increased by \$250,000 for the Center for Violence Prevention Research, Education, and Practice.

SECTION 161. Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (10), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, for public university statewide programs, is increased by \$3,000,000 for the Northwest National Marine Renewable Energy Center.

SECTION 162. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 6 (1), chapter 595, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds, federal funds and funds described in sections 9 and 10, chapter 595, Oregon Laws 2017, collected or received

by the Higher Education Coordinating Commission, for operations, is increased by \$1,219,645 for the costs of issuing bonds on behalf of public universities.

SECTION 163. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 590, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses, other than expenses described in sections 6 and 10, chapter 590, Oregon Laws 2017, from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Education, for operations, is increased by \$750,000 for child care worker professional development.

SECTION 164. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Education by section 1, chapter 564, Oregon Laws 2017, for the biennium ending June 30, 2019, for the State School Fund, is decreased by \$70,961,313.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2, chapter 564, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Administrative Services Economic Development Fund to the Department of Education for the State School Fund is increased by \$70,961,313.

SECTION 165. In addition to and not in lieu of any other appropriation, there is appropriated to the Housing and Community Services Department, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$200,000 for the purpose of providing shelter and respite services within the City of Salem for homeless and unaccompanied minors.

SECTION 166. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Personal Tax and Compliance Division, is increased by \$524,929 for a remote customer service call center.

SECTION 167. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Personal Tax and Compliance Division, is increased by \$10,713 for a remote customer service call center.

SECTION 168. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for administration, is increased by \$772,818 for position reconciliation.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for administration, is increased by \$73,677 for position reconciliation.

(3) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (2), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Property Tax Division, is decreased by \$22,093 for position reconciliation.

(4) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Personal Tax and Compliance Division, is increased by \$130,326 for position reconciliation.

(5) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (3), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Personal Tax and Compliance Division, is increased by \$2,781 for position reconciliation.

(6) Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Revenue by section 1 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, for the Business Division, is increased by \$47,600 for position reconciliation.

(7) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (4), chapter 601, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and reimbursements from federal service agreements, but excluding lottery funds and federal funds not described in section 2, chapter 601, Oregon Laws 2017, collected or received by the Department of Revenue, for the Business Division, is increased by \$115,746 for position reconciliation.

SECTION 169. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$650,000, to be allocated to the Department of Revenue for position reconciliation for the biennium ending June 30, 2019.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to December 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 170. Notwithstanding any other law limiting expenditures, the amount of \$43,042 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Department of Corrections, for debt service.

SECTION 171. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 3 (1), chapter 606, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds received under cooperative agreements with or contracts from the Bureau of Reclamation of the United States Department of the Interior, the United States Army Corps of Engineers, the United States Geological Survey, the Bonneville Power Administration and the National Fish and Wildlife Foundation, but excluding lottery funds and federal funds not described in section 3, chapter 606, Oregon Laws 2017, collected or received by the Water Resources Department, for administrative services, is increased by \$5,269,633 for payment of project costs and bond issuance costs for the City of Carlton water loss reduction project from the Water Supply Development Account established by ORS 541.656.

SECTION 172. Notwithstanding any other provision of law, the General Fund appropriation made to the Emergency Board by section 2 (1), chapter 702, Oregon Laws 2017, for the biennium ending June 30, 2019, is decreased by \$100,000,000.

SECTION 173. In addition to and not in lieu of any other appropriation, there is appropriated to the Oregon Department of Administrative Services, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$1,435,000 for a carbon policy office.

SECTION 174. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Education by section 2 (4), chapter 590, Oregon Laws 2017, for the biennium ending June 30, 2019, for other K-12 grant-in-aid programs, is increased by

\$250,000 for the Mike McLaran Center for Student Success in the Salem-Keizer School District.

SECTION 175. (1) Notwithstanding any other provision of law, the General Fund appropriation made to the State Forestry Department by section 1 (2), chapter 592, Oregon Laws 2017, for the biennium ending June 30, 2019, for fire protection, is increased by \$500,000 for subsidizing forest patrol assessments on east side, low-productivity woodlands.

(2) Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter 592, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and including federal funds from the United States Forest Service for fire protection and for research projects, but excluding lottery funds and federal funds not described in section 2, chapter 592, Oregon Laws 2017, collected or received by the State Forestry Department, for fire protection, is decreased by \$500,000 for forest patrol assessments on east side, low-productivity woodlands.

SECTION 176. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (5), chapter 547, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from lottery moneys allocated from the Parks and Natural Resources Fund to the State Parks and Recreation Department, for community support grants, is increased by \$20,000 for grants to repair recreational trails damaged in the Chetco Bar Fire.

SECTION 177. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Land Conservation and Development by section 1 (2), chapter 565, Oregon Laws 2017, for the biennium ending June 30, 2019, for grant programs, is increased by \$300,000 for the purpose of providing technical assistance grants to eastern Oregon counties for economic opportunity analyses.

SECTION 178. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Human Services by section 1 (2), chapter 597, Oregon Laws 2017, for the biennium ending June 30, 2019, for child welfare, self-sufficiency and vocational rehabilitation services, is increased by \$300,000 for distribution to the Oregon Food Bank for cold storage infrastructure improvements.

SECTION 179. (1) In addition to and not in lieu of any other appropriation, there is appropriated to the Emergency Board, for the biennium ending June 30, 2019, out of the General Fund, the amount of \$2,500,000, to be allocated to the Department of Human Services for the child welfare program.

(2) If any of the moneys appropriated by subsection (1) of this section are not allocated by the Emergency Board prior to December 1, 2018, the moneys remaining on that date become available for any purpose for which the Emergency Board lawfully may allocate funds.

SECTION 180. Notwithstanding any other provision of law, the authorized appropriations and expenditure limitations for the biennium ending June 30, 2019, for the following agencies and programs are changed by the amounts specified:

(1) ADMINISTRATION.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Oregon Advocacy Commissions Office:		

General Fund	Ch. 370 1	+23,666
Oregon Department of Administrative Services:		
General Fund	Ch. 572 1(1)	+47,052
General Fund	Ch. 720 11	+9,290
Other Funds	Ch. 572 2(1)	+301,411
Other Funds	Ch. 572 2(2)	+402,965
Other Funds	Ch. 572 2(3)	+851,607
Other Funds	Ch. 572 2(4)	+619,042
Other Funds	Ch. 572 2(5)(a)	+999,935
Other Funds	Ch. 572 2(6)	+863,080
Other Funds	Ch. 572 2(7)	+1,440,817
Other Funds	Ch. 572 2(8)	+71,799
Other Funds	Ch. 572 2(9)	+71,328
State Treasurer:		
General Fund	Ch. 605 1(1)	+4,997
General Fund	Ch. 605 1(2)	+31,688
Other Funds	Ch. 605 2(1)	+1,576,487
Other Funds	Ch. 605 2(2)	+9,386
Oregon Racing Commission:		
Other Funds	Ch. 58 1	+69,203
Public Employees Retirement System:		
Other Funds	Ch. 600 1(1)	+186,427
Other Funds	Ch. 600 1(2)	+431,660
Other Funds	Ch. 600 1(3)	+371,668
Other Funds	Ch. 600 1(4)	+977,615
Other Funds	Ch. 600 1(5)	+98,970
Secretary of State:		
General Fund	Ch. 602 1(1)	+87,479
General Fund	Ch. 602 1(2)	+90,198
Other Funds	Ch. 602 2(1)	+286,551
Other Funds	Ch. 602 2(3)	+557,946
Other Funds	Ch. 602 2(4)	+128,556
Other Funds	Ch. 602 2(5)	+187,471
Federal Funds	Ch. 602 3	+42,890
Oregon Liquor Control Commission:		
Other Funds	Ch. 578 1(1)	+1,360,597
Other Funds	Ch. 578 1(2)	+347,431
Department of Revenue:		
General Fund	Ch. 601 1(1)	+931,793
General Fund	Ch. 601 1(2)	+339,034
General Fund	Ch. 601 1(3)	+2,292,740
General Fund	Ch. 601 1(4)	+542,704
Other Funds	Ch. 601 2(1)	+126,635
Other Funds	Ch. 601 2(3)	+43,868
Other Funds	Ch. 601 2(4)	+538,002
Other Funds	Ch. 601 2(5)	+109,015
Other Funds	Ch. 601 2(7)	+26,986
Employment Relations Board:		
General Fund	Ch. 507 1	+64,945

Other Funds	Ch. 507 2	+6,258
Other Funds	Ch. 507 3	+49,434
Office of Governor:		
General Fund	Ch. 593 1	+209,570
Lottery Funds	Ch. 593 3	+34,849
Other Funds	Ch. 593 4	+91,481
Federal Funds	Ch. 593 6	+14,633
Oregon Government		
Ethics Commission:		
Other Funds	Ch. 116 1	+53,441
State Library:		
General Fund	Ch. 510 1	+69,915
Other Funds	Ch. 510 2	+3,280
Other Funds	Ch. 510 3	+121,135
Federal Funds	Ch. 510 4	+34,544

(2) CONSUMER AND BUSINESS SERVICES.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Oregon Board of		
Accountancy:		
Other Funds	Ch. 90 1	+33,545
Construction Contractors		
Board:		
Other Funds	Ch. 261 1	+314,171
Oregon Board of Licensed		
Professional Counselors		
and Therapists:		
Other Funds	Ch. 262 1	+40,604
Oregon Board of		
Psychology:		
Other Funds	Ch. 262 2	+6,542
State Board of		
Chiropractic Examiners:		
Other Funds	Ch. 96 1	+13,761
State Board of Licensed		
Social Workers:		
Other Funds	Ch. 371 1	+20,231
Oregon Board of Dentistry:		
Other Funds	Ch. 97 1	+51,753
Health-related		
licensing boards:		
Other Funds	Ch. 373 1	+39,549
Other Funds	Ch. 373 2	+9,490
Other Funds	Ch. 373 3	+7,097
Other Funds	Ch. 373 4	+12,039

Other Funds	Ch. 373 5	+8,907
Other Funds	Ch. 373 6	+15,586
Bureau of Labor and Industries:		
General Fund	Ch. 509 1	+341,885
Other Funds	Ch. 509 2	+127,475
Other Funds	Ch. 509 3(1)	+111,310
Federal Funds	Ch. 509 4	+38,949
Public Utility Commission:		
Other Funds	Ch. 93 1(1)	+471,104
Other Funds	Ch. 93 1(2)	+54,218
Other Funds	Ch. 93 1(3)	+260,535
Other Funds	Ch. 93 1(4)	+5,566
Federal Funds	Ch. 93 2	+27,131
Department of Consumer and Business Services:		
Other Funds	Ch. 372 1(1)	+443,827
Other Funds	Ch. 372 1(2)	+1,002,158
Other Funds	Ch. 372 1(3)	+826,759
Other Funds	Ch. 372 1(4)	+841,910
Other Funds	Ch. 372 1(5)	+958,887
Other Funds	Ch. 372 1(6)	+1,964,137
Other Funds	Ch. 372 2(1)	+148,272
Federal Funds	Ch. 372 4(1)	+348,460
Federal Funds	Ch. 372 4(2)	+10,088
Federal Funds	Ch. 372 4(3)	+8,751
Federal Funds	Ch. 372 4(4)	+2,523
Real Estate Agency:		
Other Funds	Ch. 59 1	+160,129
Oregon State Board of Nursing:		
Other Funds	Ch. 126 1	+252,092
Oregon Medical Board:		
Other Funds	Ch. 125 1	+244,562
State Board of Pharmacy:		
Other Funds	Ch. 92 1	+129,211

(3) ECONOMIC DEVELOPMENT.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/Section	\$ Adjustment
Oregon Business Development Department:		
General Fund	Ch. 580 1(1)	+15,246
General Fund	Ch. 580 1(2)	+10,191
Other Funds	Ch. 580 2(1)	+155,036
Other Funds	Ch. 580 2(2)	+149,960

Other Funds	Ch. 580 2(3)	+42,963
Other Funds	Ch. 580 2(4)	+58,615
Lottery Funds	Ch. 580 3(1)	+152,514
Lottery Funds	Ch. 580 3(2)	+148,313
Lottery Funds	Ch. 580 3(5)	+13,116
Federal Funds	Ch. 580 4(1)	+3,338
Federal Funds	Ch. 580 4(2)	+27,926
Federal Funds	Ch. 580 4(3)	+5,535
Housing and Community Services Department:		
General Fund	Ch. 574 1	+55,021
Other Funds	Ch. 574 2	+774,097
Federal Funds	Ch. 574 4	+124,414
Department of Veterans' Affairs:		
General Fund	Ch. 585 1(1)	+187,515
Lottery Funds	Ch. 585 2(1)	+206,243
Other Funds	Ch. 585 3(1)	+208,976
Employment Department:		
Other Funds	Ch. 506 1(1)	+2,220,611
Other Funds	Ch. 506 1(2)	+565,360
Federal Funds	Ch. 506 4	+3,717,268

(4) EDUCATION.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
Teacher Standards and Practices Commission:		
Other Funds	Ch. 584 1	+144,940
Department of Education:		
General Fund	Ch. 590 1(1)	+1,306,196
General Fund	Ch. 590 1(2)	+294,628
Other Funds	Ch. 590 3(1)	+495,428
Other Funds	Ch. 590 3(2)	+49,688
Federal Funds	Ch. 590 4(1)	+1,113,205
Federal Funds	Ch. 590 4(2)	+1,074
Chief Education Office:		
General Fund	Ch. 594 1	-39,492
Higher Education Coordinating Commission:		
General Fund	Ch. 595 1(1)	+362,423
Other Funds	Ch. 595 6(1)	+288,607
Other Funds	Ch. 595 6(2)	+13,920
Federal Funds	Ch. 595 7(1)	+309,274
Federal Funds	Ch. 595 7(2)	+699

(5) HUMAN SERVICES.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
Long Term Care		
Ombudsman:		
General Fund	Ch. 579 1(1)	+72,097
General Fund	Ch. 579 1(2)	+41,832
Other Funds	Ch. 579 2	+13,815
Commission for the		
Blind:		
General Fund	Ch. 555 1	+109,015
Other Funds	Ch. 555 2	+7,016
Federal Funds	Ch. 555 3	+272,984
Psychiatric Security		
Review Board:		
General Fund	Ch. 411 1	+81,506
Department of Human		
Services:		
General Fund	Ch. 597 1(1)	+2,370,336
General Fund	Ch. 597 1(2)	+16,127,597
General Fund	Ch. 597 1(3)	+5,459,568
Other Funds	Ch. 597 2(1)	+152,447
Other Funds	Ch. 597 2(2)	+45,946
Other Funds	Ch. 597 2(3)	+99,939
Other Funds	Ch. 597 2(4)	+3,494,937
Federal Funds	Ch. 597 3(1)	+2,069,299
Federal Funds	Ch. 597 3(2)	+15,861,631
Federal Funds	Ch. 597 3(3)	+7,716,216
Oregon Health Authority:		
General Fund	Ch. 545 1(1)	+16,021,457
General Fund	Ch. 545 1(2)	+2,122,044
Other Funds	Ch. 545 2(1)	+2,209,004
Other Funds	Ch. 545 2(2)	+416,038
Other Funds	Ch. 545 2(3)	+3,675,633
Lottery Funds	Ch. 545 3(1)	+41,793
Federal Funds	Ch. 545 4(1)	+4,793,180
Federal Funds	Ch. 545 4(2)	+897,078

(6) JUDICIAL BRANCH.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
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Commission on Judicial Fitness and Disability:		
General Fund	Ch. 91 1(1)	+1,159
Judicial Department:		
General Fund	Ch. 575 1(1)	+808,020
General Fund	Ch. 575 1(2)	+3,509,159
General Fund	Ch. 575 1(3)	+55,132
Other Funds	Ch. 575 2(1)	+395,116
Other Funds	Ch. 575 2(2)	+1,280
Other Funds	Ch. 575 2(3)	+26,913
Federal Funds	Ch. 575 3	+4,937
Public Defense Services Commission:		
General Fund	Ch. 582 1(1)	+166,732
General Fund	Ch. 582 1(3)	+38,789
Other Funds	Ch. 582 2(2)	+13,630

(7) LEGISLATIVE BRANCH.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/Section	\$ Adjustment
Legislative Administration Committee:		
General Fund	Ch. 577 1(1)	+181,080
Other Funds	Ch. 577 2(1)	+14,027
Legislative Assembly:		
General Fund	Ch. 577 6	+191,540
General Fund	Ch. 577 7(1)	+257,176
General Fund	Ch. 577 7(2)	+517,258
Legislative Counsel Committee:		
General Fund	Ch. 577 10	+151,576
Other Funds	Ch. 577 11	+17,079
Legislative Fiscal Officer:		
General Fund	Ch. 577 13(1)	+47,803
Other Funds	Ch. 577 13(2)	+36,897
Legislative Revenue Officer:		
General Fund	Ch. 577 15	+27,665
Commission on Indian Services:		
General Fund	Ch. 577 16	+5,035
Legislative Policy and Research Committee:		
General Fund	Ch. 577 14	+215,909

(8) NATURAL RESOURCES.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
State Marine Board:		
Other Funds	Ch. 299 1(1)	+145,490
Other Funds	Ch. 299 1(2)	+22,713
Other Funds	Ch. 299 1(3)	+32,610
Other Funds	Ch. 299 1(4)	+17,834
Federal Funds	Ch. 299 2(3)	+2,272
State Department of Energy:		
Other Funds	Ch. 543 1	+402,655
Federal Funds	Ch. 543 3	+42,762
State Department of Geology and Mineral Industries:		
General Fund	Ch. 508 1	+78,781
Other Funds	Ch. 508 2(1)	+41,967
Other Funds	Ch. 508 2(2)	+51,702
Federal Funds	Ch. 508 3	+102,942
State Parks and Recreation Department:		
Other Funds	Ch. 547 1(1)	+9,910
Other Funds	Ch. 547 1(2)	+134,633
Other Funds	Ch. 547 1(3)	-1,269
Other Funds	Ch. 547 1(4)	+922,377
Other Funds	Ch. 547 1(5)	+21,862
General Fund	Ch. 678 5	+9,835
Lottery Funds	Ch. 547 2(1)	+16,880
Lottery Funds	Ch. 547 2(2)	+214,237
Lottery Funds	Ch. 547 2(3)	+40,618
Lottery Funds	Ch. 547 2(4)	+1,167,677
Lottery Funds	Ch. 547 2(5)	+91,478
Federal Funds	Ch. 547 4(2)	+7,588
Federal Funds	Ch. 547 4(3)	+24,491
Land Use Board of Appeals:		
General Fund	Ch. 536 1	+25,506
Water Resources Department:		
General Fund	Ch. 606 1(1)	+39,499
General Fund	Ch. 606 1(2)	+264,179
General Fund	Ch. 606 1(3)	+86,396
General Fund	Ch. 606 1(4)	+186,767
General Fund	Ch. 606 1(5)	+90,336
Other Funds	Ch. 606 3(1)	+14,342
Other Funds	Ch. 606 3(2)	+61,195
Other Funds	Ch. 606 3(3)	+112,990
Other Funds	Ch. 606 3(4)	+100,332
Federal Funds	Ch. 606 4(1)	+21,086

Federal Funds	Ch. 606 4(2)	+5,297
Oregon Watershed Enhancement Board:		
Lottery Funds	Ch. 586 5	+174,369
Federal Funds	Ch. 586 7(1)	+87,762
Department of State Lands:		
Other Funds	Ch. 375 1(1)	+553,792
Other Funds	Ch. 375 1(2)	+10,957
Other Funds	Ch. 375 1(3)	+56,931
Federal Funds	Ch. 375 2(1)	+48,996
State Department of Agriculture:		
General Fund	Ch. 562 1(1)	+19,490
General Fund	Ch. 562 1(2)	+294,561
General Fund	Ch. 562 1(3)	+72,307
General Fund	Ch. 562 1(4)	+5,553
Other Funds	Ch. 562 2(1)	+206,905
Other Funds	Ch. 562 2(2)	+1,141,687
Other Funds	Ch. 562 2(3)	+112,748
Other Funds	Ch. 562 2(4)	+104,890
Lottery Funds	Ch. 562 3	+50,741
Federal Funds	Ch. 562 4(2)	+96,835
Federal Funds	Ch. 562 4(3)	+58,474
Federal Funds	Ch. 562 4(4)	+7,470
Department of Environmental Quality:		
General Fund	Ch. 591 1(1)	+270,996
General Fund	Ch. 591 1(2)	+499,137
General Fund	Ch. 591 1(3)	+39,660
General Fund	Ch. 591 1(4)	+21,762
Other Funds	Ch. 591 2(1)	+739,186
Other Funds	Ch. 591 2(2)	+554,481
Other Funds	Ch. 591 2(3)	+800,523
Other Funds	Ch. 591 2(4)	+436,228
Lottery Funds	Ch. 591 3	+122,134
Federal Funds	Ch. 591 5(1)	+133,208
Federal Funds	Ch. 591 5(2)	+121,397
Federal Funds	Ch. 591 5(3)	+75,914
State Department of Fish and Wildlife:		
General Fund	Ch. 544 1(1)	+538,177
General Fund	Ch. 544 1(2)	+102,141
General Fund	Ch. 544 1(3)	+9,087
Other Funds	Ch. 544 2(1)	+1,205,552
Other Funds	Ch. 544 2(2)	+576,455
Other Funds	Ch. 544 2(3)	+682,964
Other Funds	Ch. 544 2(4)	+5,542
Lottery Funds	Ch. 544 3(1)	+88,362
Lottery Funds	Ch. 544 3(2)	+21,167
Lottery Funds	Ch. 544 3(3)	+4,216
Federal Funds	Ch. 544 4(1)	+1,609,135
Federal Funds	Ch. 544 4(2)	+486,614

Federal Funds	Ch. 544 4(3)	+137,344
State Forestry Department:		
General Fund	Ch. 592 1(1)	+51,320
General Fund	Ch. 592 1(2)	+700,688
General Fund	Ch. 592 1(3)	+416,778
Other Funds	Ch. 592 2(1)	+480,901
Other Funds	Ch. 592 2(2)	+1,091,299
Other Funds	Ch. 592 2(3)	+1,687,298
Other Funds	Ch. 592 2(4)	+385,070
Other Funds	Ch. 592 2(7)	+164,703
Federal Funds	Ch. 592 4(1)	+43,829
Federal Funds	Ch. 592 4(2)	+98,401
Federal Funds	Ch. 592 4(3)	+1,920
Federal Funds	Ch. 592 4(4)	+105,906
Department of Land Conservation and Development:		
General Fund	Ch. 565 1(1)	+179,264
Other Funds	Ch. 565 2	+50,716
Federal Funds	Ch. 565 3	+65,882

(9) PUBLIC SAFETY.

Agency/Program/Funds	2017 Oregon Laws Chapter/ Section	\$ Adjustment
State Board of Parole and Post-Prison Supervision:		
General Fund	Ch. 548 1	+180,190
Department of State Police:		
General Fund	Ch. 581 1(1)	+1,575,151
General Fund	Ch. 581 1(2)	+125,426
General Fund	Ch. 581 1(3)	+146,605
General Fund	Ch. 581 1(4)	+3,155,089
Other Funds	Ch. 581 2(1)	+622,753
Other Funds	Ch. 581 2(2)	+252,710
Other Funds	Ch. 581 2(3)	+12,419
Other Funds	Ch. 581 2(4)	+900,952
Federal Funds	Ch. 581 3(1)	+10,287
Federal Funds	Ch. 581 3(2)	+7,591
Federal Funds	Ch. 581 3(3)	-557
Federal Funds	Ch. 581 3(4)	+7,075
Lottery Funds	Ch. 581 4	+76,711
Department of Corrections:		
General Fund	Ch. 573 1(1)	+21,524,617
General Fund	Ch. 573 1(2)	+2,457,908
General Fund	Ch. 573 1(3)	+1,154,665

General Fund	Ch. 573 1(4)	+477,296
Other Funds	Ch. 573 2(1)	+78,085
Other Funds	Ch. 573 2(2)	+186,114
Oregon Criminal Justice Commission:		
General Fund	Ch. 505 1	+95,330
Federal Funds	Ch. 505 3	+8,357
Department of Justice, for district attorneys:		
General Fund	Ch. 535 10	+113,730
Department of Justice:		
General Fund	Ch. 654 10	+8,038
General Fund	Ch. 576 1(2)	+6,024
General Fund	Ch. 576 1(3)	+117,436
General Fund	Ch. 576 1(4)	+37,885
General Fund	Ch. 576 1(6)	+597,530
Other Funds	Ch. 576 2(1)	+675,705
Other Funds	Ch. 576 2(2)	+417,107
Other Funds	Ch. 576 2(3)	+1,528,501
Other Funds	Ch. 576 2(4)	+253,040
Other Funds	Ch. 576 2(5)	+107,164
Other Funds	Ch. 576 2(6)	+925,501
Other Funds	Ch. 576 2(7)	+565,280
Other Funds	Ch. 576 2(8)	+393,137
Federal Funds	Ch. 576 3(1)	+110,185
Federal Funds	Ch. 576 3(2)	+27,745
Federal Funds	Ch. 576 3(3)	+62,215
Federal Funds	Ch. 576 3(4)	+1,925,818
Oregon Military Department:		
General Fund	Ch. 566 1(1)	+71,986
General Fund	Ch. 566 1(2)	+9,181
General Fund	Ch. 566 1(3)	+37,682
Other Funds	Ch. 566 2(1)	+61,609
Other Funds	Ch. 566 2(2)	+106,049
Other Funds	Ch. 566 2(3)	+168,474
Other Funds	Ch. 566 2(4)	+80,721
Federal Funds	Ch. 566 3(1)	+1,240,353
Federal Funds	Ch. 566 3(2)	+170,407
Federal Funds	Ch. 566 3(3)	+327,102
Department of Public Safety		
Standards and Training:		
Other Funds	Ch. 583 2(1)	+912,379
Federal Funds	Ch. 583 3	+4,396
Oregon Youth Authority:		
General Fund	Ch. 588 1(1)	+5,152,750
Other Funds	Ch. 588 2	-64,327
Federal Funds	Ch. 588 3	+162,100

(10) TRANSPORTATION.

Agency/Program/Funds	2017	
	Oregon Laws Chapter/ Section	\$ Adjustment
Oregon Department of Aviation:		
Other Funds	Ch. 95 1(1)	+57,325
Other Funds	Ch. 95 1(2)	+11,096
Other Funds	Ch. 95 1(3)	+4,140
Federal Funds	Ch. 95 2(1)	+10,782
Department of Transportation:		
Other Funds	Ch. 604 4(2)	+6,811,666
Other Funds	Ch. 604 4(3)	+283,266
Other Funds	Ch. 604 4(4)	+519,271
Other Funds	Ch. 604 4(5)	+587,459
Other Funds	Ch. 604 4(6)	+652,423
Other Funds	Ch. 604 4(7)	+1,783,520
Other Funds	Ch. 604 4(8)	+1,082,525
Other Funds	Ch. 604 4(9)	+3,963,150
Other Funds	Ch. 604 4(10)	+1,517,067
Other Funds	Ch. 604 4(11)	+1,346,961
Other Funds	Ch. 604 4(12)	+83,287
Other Funds	Ch. 604 4(13)	+153,731
Other Funds	Ch. 604 4(14)	+78,773
Other Funds	Ch. 604 4(15)	+2,644,212
Federal Funds	Ch. 604 5(2)	+18,905
Federal Funds	Ch. 604 5(5)	+38,533

SECTION 181. This 2018 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2018 Act takes effect on its passage.

Passed by House March 3, 2018

.....
Timothy G. Sekerak, Chief Clerk of House

.....
Tina Kotek, Speaker of House

Passed by Senate March 3, 2018

.....
Peter Courtney, President of Senate

Received by Governor:

.....M,....., 2018

Approved:

.....M,....., 2018

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M,....., 2018

.....
Dennis Richardson, Secretary of State

Enrolled Senate Bill 812

Sponsored by Senator ROBLAN, Representatives GOMBERG, MCKEOWN; Representatives BYNUM, SMITH DB, WHISNANT

CHAPTER

AN ACT

Relating to on-site septic system financing; amending section 2, chapter 87, Oregon Laws 2016; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. Section 2, chapter 87, Oregon Laws 2016, is amended to read:

Sec. 2. (1) As used in this section and section 1, **chapter 87, Oregon Laws 2016** [of this 2016 Act]:

(a) "Available sewer" means an existing public sewer system that a residence or small business is capable of being connected to:

- (A) In compliance with state and local law; and
- (B) Without a significant extension of the public sewer system.

(b) "Loan program" means a program funded by a grant awarded under this section.

(c)(A) "On-site septic system" means a subsurface on-site sewage treatment and disposal system, including, but not limited to, alternative sewage disposal systems, nonwater-carried sewage disposal facilities and subsurface sewage disposal systems as those terms are defined in ORS 454.605.

(B) "On-site septic system" does not include any system that is designed to treat and dispose of industrial waste.

(d) "Small business" means a corporation, partnership, sole proprietorship or other legal entity formed for the purpose of making a profit and that generates less than 3,500 gallons of wastewater per day.

(2) The Department of Environmental Quality shall award grants for the purpose of developing and administering loan programs to provide low-interest loans for the purposes described in subsection (3)(b) of this section. The Environmental Quality Commission may adopt rules necessary to implement the provisions of this section.

(3) The department may not disburse grant funds under this section unless the department and the intended grant award recipient first enter into a grant agreement. The grant agreement must:

(a) Provide that a lender that participates in a loan program must agree to subordinate the lender's lien to the borrower's consensual mortgage lien.

(b) Require that loans provided to borrowers under a loan program must be used for at least one of the following purposes to address a public health and safety risk or to otherwise protect or maintain water quality in the waters of this state:

(A) To repair a damaged, malfunctioning or inoperable residential or small business on-site septic system.

(B) To replace a damaged, malfunctioning or inoperable residential or small business on-site septic system with:

- (i) A new, used or reconditioned functional residential or small business on-site septic system;
- (ii) A new, used or reconditioned functional cluster on-site septic system; or
- (iii) A connection to an available sewer, and to properly decommission and discontinue use of the on-site septic system.

(C) To upgrade a residential or small business on-site septic system with a newer or more advanced on-site septic system. An upgrade may include alterations if the work is part of a repair or if the on-site septic system being upgraded is more than 25 years old.

(D) To replace the waste disposal well or sewage drill hole of an otherwise functional residential or small business on-site septic system.

(E) To conduct [*an*] **a regional** evaluation of [*a*] **community**, residential or small business on-site septic [*system*] **systems** to determine whether repair or replacement is necessary.

(c) Require that, if a residence or small business with a damaged, malfunctioning or inoperable on-site septic system is located within the territory of an available sewer, [*and a connection to the available sewer is a cost-effective option*] **and is required to connect to the available sewer**, a loan provided under a loan program to address the damaged, malfunctioning or inoperable on-site septic system must be used to install a connection to the available sewer and to properly decommission and discontinue use of the on-site septic system.

(d) Require that a loan provided under a loan program must be in an amount that covers 100 percent of the costs associated with the purposes under paragraph (b) of this subsection for which the loan is provided, **unless the borrower requests and consents to a loan that covers a lower percentage of the costs.**

(e) Require that a grant award recipient must provide a mechanism for ensuring compliance with any locally required operation and maintenance of an on-site septic system for which a loan is provided under a loan program.

(f) Require that a grant award recipient use accounting, auditing and fiscal procedures that conform to generally accepted government accounting standards.

(4) In selecting grant award recipients under this section, the department shall give preference to applicants that:

(a) Prioritize, but do not limit themselves to, providing loans to low and moderate income and small business applicants that are unable to obtain traditional financing;

(b) Can demonstrate prior success in offering, underwriting, servicing and managing loans to:

(A) Members of low and moderate income populations;

(B) Persons with a range of credit qualifications; and

(C) Residential and commercial borrowers; and

(c) Plan to engage additional stakeholders in outreach and marketing efforts for a loan program.

SECTION 2. This 2017 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2017 Act takes effect on its passage.

Passed by Senate March 20, 2017

.....
Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House May 25, 2017

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M,....., 2017

Approved:

.....M,....., 2017

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M,....., 2017

.....
Dennis Richardson, Secretary of State

Enrolled
Senate Bill 1008

Sponsored by Senators DEMBROW, TAYLOR, FREDERICK, GELSER, Representatives GREENLICK, MALSTROM, NOSSE; Senators BURDICK, DEVLIN, Representatives GORSEK, HELM, HERNANDEZ, HOLVEY, KENY-GUYER, MARSH, PILUSO, POWER, REARDON, SANCHEZ, SOLLMAN

CHAPTER

AN ACT

Relating to diesel; creating new provisions; amending ORS 327.033, 468A.795, 468A.796, 468A.797, 468A.799, 468A.801 and 468A.803; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

OREGON CLEAN DIESEL PROGRAM
(Definitions)

SECTION 1. ORS 468A.795 is amended to read:

468A.795. As used in ORS 468A.795 to 468A.803 and sections 11 to 16, chapter 855, Oregon Laws 2007:

[(1) *“Combined weight” has the meaning given that term in ORS 825.005.*]

(1) “Alternative fuel” means biofuels, biogas, natural gas, liquefied petroleum gas, hydrogen and electricity.

(2) “Best available exhaust control technology” means the most effective exhaust controls to reduce diesel particulate that rely on passively regenerated diesel particulate control technology supported in a vehicle’s normal duty cycle.

(3) “Combined weight” has the meaning given that term in ORS 825.005.

[(2)] **(4) “Cost-effectiveness threshold” means the cost, in dollars, per ton of diesel particulate matter reduced, as established by rule of the Environmental Quality Commission.**

(5) “Diesel engine” means a compression ignition engine.

(6) “Environmental Mitigation Trust Agreement” means the Environmental Mitigation Trust Agreement required by the Volkswagen “Clean Diesel” Marketing, Sales Practices and Products Liability Litigation partial consent decree dated October 25, 2016.

(7) “Equivalent equipment” means a piece of equipment that performs the same function and has the equivalent horsepower to a piece of equipment subject to a replacement.

(8) “Equivalent motor vehicle” means a motor vehicle that performs the same function and is in the same weight class as a motor vehicle subject to a replacement.

[(3)] **(9) “Heavy-duty truck” means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 26,000 pounds.**

[(4)] **(10) “Incremental cost” means the cost of a qualifying repower or retrofit less a baseline cost that would otherwise be incurred in the normal course of business.**

[(5)] (11) "Medium-duty truck" means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 14,000 pounds but less than or equal to 26,000 pounds.

[(6)] (12) "Motor vehicle" has the meaning given that term in ORS 825.005.

[(7)] "Nonroad Oregon diesel engine" means any Oregon diesel engine that was not designed primarily to propel a motor vehicle on public highways of this state.]

(13) "Nonroad diesel engine" means a diesel engine of 25 horsepower or more that is not designed primarily to propel a motor vehicle on public highways.

[(8)] (14) "Oregon diesel engine" means an engine at least 50 percent of the use of which, as measured by miles driven or hours operated, will occur in Oregon for the three years following the repowering or retrofitting of the engine.

[(9)] (15) "Oregon diesel truck engine" means a diesel engine in a truck at least 50 percent of the use of which, as measured by miles driven or hours operated, has occurred in Oregon for the two years preceding the scrapping of the engine.

[(10)] (16) "Public highway" has the meaning given that term in ORS 825.005.

(17)(a) "Replacement" means:

(A) To scrap a motor vehicle powered by a diesel engine and replace the motor vehicle with an equivalent motor vehicle; or

(B) To scrap a piece of equipment powered by a nonroad diesel engine and replace the equipment with equivalent equipment.

(b) "Replacement" does not mean ordinary maintenance, repair or replacement of a diesel engine.

[(11)] (18) "Repower" means to scrap an old diesel engine and [replace] substitute it with a new engine, a used engine or a remanufactured engine, or with electric motors, drives or fuel cells, with a minimum useful life of seven years.

[(12)] (19) "Retrofit" means to equip a diesel engine with new emissions-reducing parts or technology after the manufacture of the original engine. A retrofit must use the greatest degree of emissions reduction available for the particular application of the equipment retrofitted that meets the cost-effectiveness threshold.

[(13)] (20) "Scrap" means to destroy, [and] render inoperable and recycle.

[(14)] (21) "Truck" means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 14,000 pounds.

SECTION 2. ORS 468A.795, as amended by section 6a, chapter 855, Oregon Laws 2007, is amended to read:

468A.795. As used in ORS 468A.795 to 468A.803:

[(1)] "Combined weight" has the meaning given that term in ORS 825.005.]

(1) "Alternative fuel" means biofuels, biogas, natural gas, liquefied petroleum gas, hydrogen and electricity.

(2) "Best available exhaust control technology" means the most effective exhaust controls to reduce diesel particulate that rely on passively regenerated diesel particulate control technology supported in a vehicle's normal duty cycle.

(3) "Combined weight" has the meaning given that term in ORS 825.005.

[(2)] (4) "Cost-effectiveness threshold" means the cost, in dollars, per ton of diesel particulate matter reduced, as established by rule of the Environmental Quality Commission.

(5) "Diesel engine" means a compression ignition engine.

(6) "Environmental Mitigation Trust Agreement" means the Environmental Mitigation Trust Agreement required by the Volkswagen "Clean Diesel" Marketing, Sales Practices and Products Liability Litigation partial consent decree dated October 25, 2016.

(7) "Equivalent equipment" means a piece of equipment that performs the same function and has the equivalent horsepower to a piece of equipment subject to a replacement.

(8) "Equivalent motor vehicle" means a motor vehicle that performs the same function and is in the same weight class as a motor vehicle subject to a replacement.

[(3)] (9) “Heavy-duty truck” means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 26,000 pounds.

[(4)] (10) “Incremental cost” means the cost of a qualifying repower or retrofit less a baseline cost that would otherwise be incurred in the normal course of business.

[(5)] (11) “Medium-duty truck” means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 14,000 pounds but less than or equal to 26,000 pounds.

[(6)] (12) “Motor vehicle” has the meaning given that term in ORS 825.005.

[(7)] “Nonroad Oregon diesel engine” means any Oregon diesel engine that was not designed primarily to propel a motor vehicle on public highways of this state.]

(13) “Nonroad diesel engine” means a diesel engine of 25 horsepower or more that is not designed primarily to propel a motor vehicle on public highways.

[(8)] (14) “Oregon engine” means an engine at least 50 percent of the use of which, as measured by miles driven or hours operated, will occur in Oregon for the three years following the repowering or retrofitting of the engine.

[(9)] (15) “Oregon diesel truck engine” means a diesel engine in a truck at least 50 percent of the use of which, as measured by miles driven or hours operated, has occurred in Oregon for the two years preceding the scrapping of the engine.

[(10)] (16) “Public highway” has the meaning given that term in ORS 825.005.

(17)(a) “Replacement” means:

(A) To scrap a motor vehicle powered by a diesel engine and replace the motor vehicle with an equivalent motor vehicle; or

(B) To scrap a piece of equipment powered by a nonroad diesel engine and replace the equipment with equivalent equipment.

(b) “Replacement” does not mean ordinary maintenance, repair or replacement of a diesel engine.

[(11)] (18) “Repower” means to scrap an old diesel engine and [replace] substitute it with a new engine, a used engine or a remanufactured engine, or with electric motors, drives or fuel cells, with a minimum useful life of seven years.

[(12)] (19) “Retrofit” means to equip a diesel engine with new emissions-reducing parts or technology after the manufacture of the original engine. A retrofit must use the greatest degree of emissions reduction available for the particular application of the equipment retrofitted that meets the cost-effectiveness threshold.

[(13)] (20) “Scrap” means to destroy, [and] render inoperable and recycle.

[(14)] (21) “Truck” means a motor vehicle or combination of vehicles operated as a unit that has a combined weight that is greater than 14,000 pounds.

(Clean Diesel Engine Fund; Uses)

SECTION 3. ORS 468A.797 is amended to read:

468A.797. (1) The Environmental Quality Commission by rule shall establish standards related to the certified cost necessary to perform a qualifying **replacement**, repower or retrofit, including but not limited to rules establishing the certified cost for purposes of the tax credit established in section 12, chapter 855, Oregon Laws 2007.

(2) For the purposes of subsection (1) of this section, certified cost:

(a) May not exceed the incremental cost of labor and hardware that the Department of Environmental Quality finds necessary to perform a qualifying repower or retrofit;

(b) Does not include the cost of any portion of a **replacement**, repower or retrofit undertaken to comply with any applicable local, state or federal pollution or emissions law or for ordinary maintenance, repair or replacement of a diesel engine; and

(c) May not exceed the cost-effectiveness threshold.

SECTION 4. ORS 468A.797, as amended by section 7a, chapter 855, Oregon Laws 2007, is amended to read:

468A.797. (1) The Environmental Quality Commission by rule shall establish standards related to the certified cost necessary to perform a qualifying **replacement**, repower or retrofit.

(2) For the purposes of subsection (1) of this section, certified cost:

(a) May not exceed the incremental cost of labor and hardware that the Department of Environmental Quality finds necessary to perform a qualifying repower or retrofit;

(b) Does not include the cost of any portion of a **replacement**, repower or retrofit undertaken to comply with any applicable local, state or federal pollution or emissions law or for ordinary maintenance, repair or replacement of a diesel engine; and

(c) May not exceed the cost-effectiveness threshold.

SECTION 5. ORS 468A.799 is amended to read:

468A.799. (1) The Environmental Quality Commission by rule shall establish standards for *[the qualifying repower of a nonroad Oregon diesel engine or retrofit of an Oregon diesel engine,]* **qualifying replacements, repowers and retrofits**, including but not limited to rules establishing repower or retrofit qualifications for purposes of the tax credit established in section 12, chapter 855, Oregon Laws 2007.

(2) The standards adopted by the commission under this section must *[include]* **require, at a minimum:**

[(a) A requirement for the reduction of diesel particulate matter emissions by at least 25 percent compared with the baseline emissions for the relevant engine year and application,]

(a) **For the qualifying replacement of a motor vehicle powered by a diesel engine, that:**

(A) **The motor vehicle to be scrapped has at least three years of remaining useful life; and**

(B) **The engine model year of the equivalent motor vehicle is 2010 or newer.**

(b) **For the qualifying replacement of a piece of equipment powered by a nonroad diesel engine, that:**

(A) **The nonroad piece of equipment to be scrapped has at least three years of remaining useful life; and**

(B) **The equivalent equipment is powered by:**

(i) **A nonroad diesel engine, whether or not capable of being powered by alternative fuel, that meets or exceeds United States Environmental Protection Agency Tier 4 exhaust emission standards for nonroad compression ignition engines;**

(ii) **A nonroad engine capable of being powered by alternative fuel that meets or exceeds United States Environmental Protection Agency Tier 2 exhaust emission standards for nonroad spark ignition engines; or**

(iii) **A nonroad engine powered by electricity.**

(c) **For the qualifying repower of a nonroad diesel engine, that the repower will be accomplished using:**

(A) **A nonroad diesel engine, whether or not capable of being powered by alternative fuel, that is at least one tier higher than the engine to be scrapped, based on the United States Environmental Protection Agency tier standards for nonroad compression ignition engines;**

(B) **A nonroad engine capable of being powered by alternative fuel that meets or exceeds United States Environmental Protection Agency Tier 2 exhaust emission standards for nonroad spark ignition engines; or**

(C) **A nonroad engine powered by electricity.**

(d) **For the qualifying retrofit of a diesel engine, a resulting reduction of diesel particulate matter emissions by at least 85 percent when compared with the baseline emissions for the relevant engine year and application.**

[(b)] (e) **That a list of technologies approved as qualifying repowers or retrofits that have been verified by the United States Environmental Protection Agency or the California Air Resources Board; and] is included in the standards.**

(3) **The commission by rule shall establish standards for the methods of recycling used for scrapping a motor vehicle, a piece of equipment powered by a nonroad diesel engine or a nonroad diesel engine after a qualifying replacement or repower.**

[(c)] (4) *[A requirement that]* A qualifying **replacement, repower or retrofit** *[does]* **may** not include the **replacement, repower or retrofit** of a **motor vehicle, piece of equipment** or engine for which a grant, loan or tax credit under ORS 468A.803 or section 12, chapter 855, Oregon Laws 2007, has **previously** been awarded or allowed, unless the **replacement, repower or retrofit** will reduce emissions further than the **replacement, repower or retrofit** funded by the **previous** grant, loan or tax credit.

SECTION 6. ORS 468A.799, as amended by section 8a, chapter 855, Oregon Laws 2007, is amended to read:

468A.799. (1) The Environmental Quality Commission by rule shall establish standards for *[the qualifying repower of a nonroad Oregon diesel engine or retrofit of an Oregon diesel engine]* **qualifying replacements, repowers and retrofits.**

(2) The standards adopted by the commission under this section must *[include]* **require, at a minimum:**

[(a) A requirement for the reduction of diesel particulate matter emissions by at least 25 percent compared with the baseline emissions for the relevant engine year and application;]

(a) **For the qualifying replacement of a motor vehicle powered by a diesel engine, that:**

(A) **The motor vehicle to be scrapped has at least three years of remaining useful life; and**

(B) **The engine model year of the equivalent motor vehicle is 2010 or newer.**

(b) **For the qualifying replacement of a piece of equipment powered by a nonroad diesel engine, that:**

(A) **The nonroad piece of equipment to be scrapped has at least three years of remaining useful life; and**

(B) **The equivalent equipment is powered by:**

(i) **A nonroad diesel engine, whether or not capable of being powered by alternative fuel, that meets or exceeds United States Environmental Protection Agency Tier 4 exhaust emission standards for nonroad compression ignition engines;**

(ii) **A nonroad engine capable of being powered by alternative fuel that meets or exceeds United States Environmental Protection Agency Tier 2 exhaust emission standards for nonroad spark ignition engines; or**

(iii) **A nonroad engine powered by electricity.**

(c) **For the qualifying repower of a nonroad diesel engine, that the repower will be accomplished using:**

(A) **A nonroad diesel engine, whether or not capable of being powered by alternative fuel, that is at least one tier higher than the engine to be scrapped, based on the United States Environmental Protection Agency tier standards for nonroad compression ignition engines;**

(B) **A nonroad engine capable of being powered by alternative fuel that meets or exceeds United States Environmental Protection Agency Tier 2 exhaust emission standards for nonroad spark ignition engines; or**

(C) **A nonroad engine powered by electricity.**

(d) **For the qualifying retrofit of a diesel engine, a resulting reduction of diesel particulate matter emissions by at least 85 percent when compared with the baseline emissions for the relevant engine year and application.**

[(b)] (e) **That** a list of technologies approved as qualifying repowers or retrofits that have been verified by the United States Environmental Protection Agency or the California Air Resources Board; *[and]* **is included in the standards.**

(3) **The commission by rule shall establish standards for the methods of recycling used for scrapping a motor vehicle, a piece of equipment powered by a nonroad diesel engine or a nonroad diesel engine after a qualifying replacement or repower.**

[c] (4) [A requirement that] A qualifying **replacement**, repower or retrofit [does] **may** not include the **replacement**, repower or retrofit of a **motor vehicle, piece of equipment** or engine for which a grant or loan under ORS 468A.803 has **previously** been awarded or allowed, unless the **replacement**, repower or retrofit will reduce emissions further than the **replacement**, repower or retrofit funded by the **previous** grant or loan.

SECTION 7. ORS 468A.801 is amended to read:

468A.801. (1) The Clean Diesel Engine Fund is established in the State Treasury separate and distinct from the General Fund. Interest earned by the Clean Diesel Engine Fund shall be credited to the fund. The moneys in the fund are continuously appropriated to the Department of Environmental Quality to be used for the purposes described in ORS 468A.803.

(2) The Clean Diesel Engine Fund consists of:

(a) Funds appropriated by the Legislative Assembly;

(b) Grants provided by the federal government pursuant to the federal Clean Air Act, 42 U.S.C. 7401 et seq., or other federal laws; [and]

[c] *Any other revenues derived from gifts or grants given to the state for the purpose of providing financial assistance to owners or operators of diesel engines for the purpose of repowering, retrofitting or scrapping diesel engines to reduce diesel engine emissions.*]

(c) Moneys paid to the State of Oregon pursuant to the Environmental Mitigation Trust Agreement;

(d) Any other moneys received by the state for the purpose of providing financial and technical assistance to owners or operators of diesel engines for the purpose of reducing emissions from diesel engines; and

(e) Any moneys deposited in the fund from any other public or private source.

SECTION 8. ORS 468A.803 is amended to read:

468A.803. (1) The Department of Environmental Quality shall use the moneys in the Clean Diesel Engine Fund to award:

(a) Grants and loans to the owners and operators of motor vehicles powered by diesel engines, and equipment powered by nonroad diesel engines, for up to 25 percent of the certified costs of qualifying replacements as described in ORS 468A.797 and 468A.799;

[a] **(b) Grants and loans to the owners and operators of [Oregon] diesel engines for up to 100 percent of the certified costs of qualifying retrofits as described in ORS 468A.797 and 468A.799;**

[b] **(c) Grants and loans to the owners and operators of nonroad [Oregon] diesel engines for up to 25 percent of the certified costs of qualifying repowers as described in ORS 468A.797 and 468A.799; and**

[c] **(d) Grants to the owners of Oregon diesel truck engines to scrap those engines.**

[2] *Subject to and consistent with federal law, any moneys received from the federal government that are deposited in the Clean Diesel Engine Fund under ORS 468A.801 (2)(b) must be used for initiatives to reduce emissions from diesel engines. Subsections (1), (3) to (5) and (7) of this section and ORS 468A.797 and 468A.799 do not apply to use of moneys in the Clean Diesel Engine Fund received from the federal government.*]

(2) The Environmental Quality Commission by rule may set grant or loan award rates at a percentage that is greater than a percentage allowed under subsection (1) of this section, provided that the grant or loan assistance will not exceed the cost-effectiveness threshold, if the higher percentage award rate would:

(a) Benefit sensitive populations or areas with elevated concentrations of diesel particulate matter; or

(b) Otherwise increase participation by those categories of owners or operators.

(3) In determining the amount of a grant or loan under this section, the department must reduce the incremental cost of a qualifying **replacement**, repower or retrofit by the value of any existing financial incentive that directly reduces the cost of the qualifying **replacement**, repower or retrofit, including tax credits, other grants or loans, or any other public financial assistance.

(4) The department may certify third parties to perform qualifying **replacements**, repowers and retrofits and may contract with third parties to perform such services for the certified costs of qualifying **replacements**, repowers and retrofits. The department may also contract with institutions of higher education or other public bodies as defined by ORS 174.109 to train and certify third parties to perform qualifying **replacements**, repowers and retrofits.

(5) The department may not award a grant or loan for a replacement, repower or retrofit under subsection (1) of this section unless the grant or loan applicant demonstrates to the department's satisfaction that the resulting equivalent motor vehicle, equivalent equipment, repowered nonroad diesel engine or retrofitted diesel engine will undergo at least 50 percent of its use in Oregon, as measured by miles driven or hours operated, for the three years following the replacement, repower or retrofit.

~~[(5)]~~ **(6)** The department may not award a grant to scrap an Oregon diesel truck engine under subsection (1)~~[(c)]~~ of this section unless the engine was manufactured prior to 1994 and the engine is in operating condition at the time of the grant application or, if repairs are needed, the owner demonstrates to the department's satisfaction that the engine can be repaired to an operating condition for less than its commercial scrap value. The *[Environmental Quality]* commission shall adopt rules for a maximum grant awarded under subsection (1)~~[(c)]~~ of this section for an engine in a heavy-duty truck and for an engine in a medium-duty truck. A grant awarded under subsection (1)~~[(c)]~~ of this section may not be combined with any other tax credits, grants or loans, or any other public financial assistance, to scrap an Oregon diesel truck engine.

(7) Subject to and consistent with federal law, any moneys received from the federal government that are deposited in the Clean Diesel Engine Fund under ORS 468A.801 (2)(b) must be used for initiatives to reduce emissions from diesel engines. Subsections (1) to (6) of this section and ORS 468A.797 and 468A.799 do not apply to use of moneys in the fund received from the federal government.

(8) Any moneys received by the State of Oregon pursuant to a voluntary written agreement or a settlement approved in an administrative or judicial proceeding that are deposited in the Clean Diesel Engine Fund must be used by the department for activities consistent with the terms and conditions of the agreement or settlement. Subsections (1) to (6) of this section and ORS 468A.797 and 468A.799 do not apply to the use of moneys in the fund received pursuant to this subsection.

~~[(6)]~~ **(9) Except as provided in subsection (8) of this section**, the department may use the moneys in the Clean Diesel Engine Fund to pay expenses of the department in administering the program described in *[this section]* **ORS 468A.795 to 468A.803.**

[(7) The commission shall adopt rules to implement this section and ORS 468A.801, including but not limited to establishing preferences for grant and loan awards based upon percentage of engine use in Oregon, whether a grant or loan applicant will provide matching funds, whether scrapping, repowering or retrofitting an engine will benefit sensitive populations or areas with elevated concentrations of diesel particulate matter, or such other criteria as the commission may establish. The rules adopted by the commission shall reserve a portion of the financial assistance available each year for applicants that own or operate a small number of Oregon diesel engines or Oregon diesel truck engines and shall provide for simplified access to financial assistance for those applicants.]

[(8) The department may perform activities necessary to ensure that recipients of grants and loans from the Clean Diesel Engine Fund comply with applicable requirements. If the department determines that a recipient has not complied with applicable requirements, it may order the recipient to refund all grant or loan moneys and may impose penalties pursuant to ORS 468.140.]

SECTION 9. Sections 10 and 11 of this 2017 Act are added to and made a part of ORS 468A.795 to 468A.803.

(Environmental Mitigation Trust Agreement Moneys; Uses)

SECTION 10. (1) Subject to and consistent with ORS 468A.803 (8) and with the terms of the Environmental Mitigation Trust Agreement, any moneys received by the State of Oregon pursuant to the agreement that are deposited in the Clean Diesel Engine Fund under ORS 468A.801 must be used by the Department of Environmental Quality to award grants for the purpose of reducing nitrogen oxides emissions from diesel engines.

(2)(a) To the extent authorized by the agreement, the department shall allocate moneys awarded pursuant to subsection (1) of this section first to award grants to owners and operators of school buses to reduce emissions from at least 450 school buses powered by diesel engines operating in this state.

(b) In awarding grants under this subsection, the department shall begin by awarding grants to owners and operators of school buses powered by diesel engines that are of the median model year of school buses powered by diesel engines operating in this state, and shall proceed to award grants for school buses powered by diesel engines through the adjoining model years until the requirements of paragraph (a) of this subsection are met. A grant may be awarded under this subsection for any school bus powered by a diesel engine within the control of an owner or operator that meets the following conditions:

(A) The school bus has at least three years of remaining useful life;

(B) Use of the school bus has occurred in Oregon during the year preceding the date of the grant; and

(C) For the three years following receipt of a grant award, use of the school bus to which the owner or operator applies the grant will occur in Oregon.

(c) The grant amount per school bus awarded under this paragraph shall be for:

(A) \$50,000 or 30 percent of the cost to purchase a school bus that meets minimum standards adopted by the State Board of Education under ORS 820.100 for the applicable class or type of school bus, whichever is less; or

(B) Up to 100 percent of the cost to retrofit a school bus with emissions-reducing parts or technology that results in a reduction of diesel particulate matter emissions by at least 85 percent when compared with the baseline emissions for the relevant engine year and application.

(3) Except for awarding grants pursuant to subsection (2) of this section, the department may not award grants from the moneys described under subsection (1) of this section without prior approval by the Legislative Assembly by law.

(Rules)

SECTION 11. (1) The Environmental Quality Commission shall adopt rules necessary to implement ORS 468A.795 to 468A.803.

(2) Rules adopted under this section must include, but need not be limited to, rules that establish preferences for awarding grants and loans under ORS 468A.803 (1) based upon:

(a) A percentage of diesel engine use in Oregon;

(b) Whether a grant or loan applicant will provide matching funds;

(c) Whether scrapping, replacement, repowering or retrofitting an engine will benefit sensitive populations or areas with elevated concentrations of diesel particulate matter; or

(d) Other criteria as the commission may establish.

(3) Rules adopted by the commission under this section must reserve a portion of the financial assistance available each year for applicants that own or operate a small number of diesel engines or Oregon diesel truck engines and must provide for simplified access to financial assistance for those applicants.

(4) The Department of Environmental Quality may perform activities necessary to ensure that recipients of grants and loans from the Clean Diesel Engine Fund comply with applicable requirements. If the department determines that a recipient has not complied with applicable

requirements, the department may order the recipient to refund all grant or loan moneys and may impose penalties pursuant to ORS 468.140.

(School Buses)

SECTION 12. ORS 468A.796 is amended to read:

468A.796. (1) All school buses *[with]* **powered by** diesel engines operated in Oregon must, by **January 1, 2025**, be:

[(1) Retrofitted with 2007 equivalent engines and 2007 fine particulate matter capture technology by January 1, 2017; or]

(a) Repowered with an engine meeting 2007 fine particulate matter federal exhaust emission standards for diesel heavy-duty engines as set forth in 40 C.F.R. 86.007-11;

(b) Retrofitted:

(A) If retrofitted prior to the effective date of this 2017 Act, with best available exhaust control technology; or

(B) If retrofitted on or after the effective date of this 2017 Act, with exhaust controls meeting 2007 fine particulate matter federal exhaust emission standards for diesel heavy-duty engines as set forth in 40 C.F.R. 86.007-11; or

[(2)] (c) Replaced with school buses manufactured on or after January 1, 2007[, by January 1, 2025].

(2) A school bus replaced under [this subsection] subsection (1)(c) of this section may not be used for transportation of any type.

SECTION 13. ORS 327.033 is amended to read:

327.033. (1) **As used in this section, “retrofit” and “Environmental Mitigation Trust Agreement” have the meanings given those terms in ORS 468A.795.**

[(1)] (2) Approved transportation costs shall be estimated for the year of distribution.

[(2)] (3) In determining approved transportation costs, the State Board of Education:

(a) Shall include depreciation of original cost to the school district of district-owned buses, not in excess of 10 percent per year; [and]

*(b) Shall include the costs to repower, retrofit[, as defined in ORS 468A.795,] or [to] replace school buses **powered by diesel engines** for the purpose of reducing or eliminating diesel engine emissions, except that the board may not include the costs paid with moneys received from the state by a school district from the Clean Diesel Engine Fund under ORS 468A.801 (2)(a) to repower, retrofit or [to] replace school buses **powered by diesel engines** for the purpose of reducing or eliminating diesel engine emissions[.]; and*

(c) Shall include costs to school buses powered by diesel engines as allowed in the Environmental Mitigation Trust Agreement, except that the board may not include costs paid from the Environmental Mitigation Trust Agreement in the calculation of the transportation grant computed as provided in ORS 327.013.

[(3)] (4) School districts shall account separately for those funds received from the State School Fund attributable to the costs included under subsection [(2)] (3) of this section, and expenditure of those funds shall be limited as follows:

(a) The expenditure of funds attributable to costs under subsection [(2)(a)] (3)(a) of this section shall be limited to the acquisition of new buses.

*(b) The expenditure of funds attributable to costs under subsection [(2)(b)] (3)(b) and (c) of this section shall be limited to the costs to repower, retrofit[, as defined in ORS 468A.795,] or [to] replace school buses **powered by diesel engines** for the purpose of reducing or eliminating diesel engine emissions.*

(5) The transportation grant computed as provided in ORS 327.013 when combined with costs paid from the Environmental Mitigation Trust Agreement to replace school buses powered by diesel engines may not exceed the purchase price of the buses for which the funds described in this subsection were received.

CAPTIONS

SECTION 14. The unit captions used in this 2017 Act are provided only for the convenience of the reader and do not become part of the statutory law of this state or express any legislative intent in the enactment of this 2017 Act.

EMERGENCY CLAUSE

SECTION 15. This 2017 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2017 Act takes effect July 1, 2017.

Passed by Senate July 5, 2017

.....
Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House July 7, 2017

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M,....., 2017

Approved:

.....M,....., 2017

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M,....., 2017

.....
Dennis Richardson, Secretary of State

Enrolled
Senate Bill 1541

Sponsored by Senators GIROD, ROBLAN, WINTERS, DEMBROW, Representative WITT; Representatives HELFRICH, NOBLE, PARRISH, RESCHKE, WILLIAMSON (Presession filed.)

CHAPTER

AN ACT

Relating to toxic air contaminants; creating new provisions; amending ORS 468.065, 468A.300 and 468A.315; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. Sections 2 to 7, 13, 14 and 16 of this 2018 Act are added to and made a part of ORS chapter 468A.

DEFINITIONS

SECTION 2. As used in sections 2 to 7 of this 2018 Act:

(1) "Benchmark for excess lifetime cancer risk" means:

(a) For a new or reconstructed air contamination source, an excess lifetime cancer risk level of 10 in one million.

(b) For an existing air contamination source, an excess lifetime cancer risk level of 50 in one million.

(2) "Benchmark for excess noncancer risk" means:

(a) For a new or reconstructed air contamination source, a benchmark equal to a Hazard Index number of 1.

(b) For an existing air contamination source, a benchmark equal to a Hazard Index number of 5.

(3) "Hazard Index number" means a number equal to the sum of the hazard quotients attributable to toxic air contaminants that have noncancer effects on the same target organs or organ systems.

(4) "Hazard quotient" means a calculated numerical value that is used to evaluate non-cancer health risk from exposure to a single toxic air contaminant. The calculated numerical value is the ratio of the air concentration of a toxic air contaminant to the noncancer risk-based concentration at which no serious adverse human health effects are expected to occur.

(5) "Reconstructed" means an individual project constructed at an air contamination source that, once constructed, increases the hourly capacity of any changed equipment to emit and where the fixed capital cost of new components exceeds 50 percent of the fixed capital cost that would have been required to construct a comparable new source.

INDIVIDUAL AIR CONTAMINATION SOURCE PROGRAM

SECTION 3. (1) The Environmental Quality Commission may adopt a program and rules to reduce public health risks from emissions of toxic air contaminants from individual stationary industrial and commercial air contamination sources. The program and rules adopted under this section may be in addition to any other programs or rules adopted pursuant to ORS chapter 468A.

(2) Except as required by federal law, a program and rules adopted under this section may not require a person in control of an air contamination source to reduce risk associated with toxic air contaminant emissions from that source unless:

(a) The air contamination source is one for which a person is otherwise subject to regulation under ORS 468A.040, 468A.050, 468A.055 or 468A.155 or is subject to the federal operating permit program pursuant to ORS 468A.310; and

(b) Subject to periodic review by the Department of Environmental Quality, the total demonstrated public health risk from toxic air contaminant emissions from the air contamination source exceeds the benchmark for excess lifetime cancer risk or the benchmark for excess noncancer risk.

(3) For purposes of administration by the department of rules adopted under this section, rather than evaluating and regulating the public health risks from toxic air contaminant emissions from an air contamination source based on modeling for the potential to emit toxic air contaminants and land use zoning, a person in control of the air contamination source may elect to have the emissions from the air contamination source evaluated and regulated based on modeling for one or both of the following:

(a) Public health risk due to toxic air contaminant emissions from the air contamination source's actual production or, for a new or reconstructed air contamination source, the reasonably anticipated actual production by the new or reconstructed air contamination source.

(b)(A) The impacts by toxic air contaminants on locations where people actually live or normally congregate. There is a presumption that people actually live or normally congregate in locations in the manner allowed by the land use zoning for the location, based on the most recent zoning maps available.

(B) A person in control of an air contamination source subject to rules adopted under this section may rebut the presumption in subparagraph (A) of this paragraph by submitting to the department documentation that the department determines is adequate to rebut the presumption. If the department determines that the documentation is adequate to rebut the presumption, the department shall adjust modeling inputs according to the documentation submitted.

(C) Documentation required under this paragraph must be updated annually by the person in control of the air contamination source.

(D) Documentation required under this paragraph may include a request by the person in control of the air contamination source for the department to exclude certain zoned areas from the modeling used for purposes of evaluating the toxic air contaminant emissions from the air contamination source. A request under this subparagraph must be based on documentation that the area to be excluded is not being used in a manner allowed by the land use zoning applicable to the area at the time the modeling is to be performed. If the department grants a request under this subparagraph, the person in control of the air contamination source shall annually submit to the department, as part of the update required under subparagraph (C) of this paragraph, documentation showing that the excluded zoned areas continue to not be used in a manner allowed by the land use zoning applicable to the area.

(4)(a) A person in control of an air contamination source subject to a program and rules adopted under this section may elect to have the public health risks from toxic air contaminant emissions from the air contamination source evaluated using air monitoring, if:

(A) The person submits to the department an air monitoring plan and the department approves the submitted air monitoring plan; and

(B) A modeled risk assessment using methods approved by the department is submitted to the department in advance of the commencement of the final, approved air monitoring plan.

(b) The department shall work with a person in control of an air contamination source to develop public information concerning an approved air monitoring plan and the timeline for the approved air monitoring plan.

(c) The department may not require a person in control of an air contamination source that elects to complete air monitoring under an approved air monitoring plan pursuant to this subsection to, pursuant to a program and rules adopted under this section, reduce public health risk from toxic air contaminants emitted by the air contamination source unless the results of the air monitoring:

(A) Validate the modeling completed pursuant to subsection (3) of this section; or

(B) Otherwise lead the department to reasonably conclude that the public health risks from toxic air contaminants emitted by the air contamination source exceed the benchmark for excess lifetime cancer risk or the benchmark for excess noncancer risk.

(d) Notwithstanding paragraph (c) of this subsection, if the results of the modeling completed pursuant to subsection (3) of this section indicate that the public health risks from toxic air contaminants emitted by the air contamination source exceed four times the benchmark for excess lifetime cancer risk or four times the benchmark for excess noncancer risk, a person in control of an air contamination source may not, pending completion of the approved air monitoring plan, delay implementation of any public health risk reduction measures that are required by the department pursuant to a program and rules adopted under this section.

(5)(a) Except as required under ORS 468.115, 468.936, 468.939, 468.951 or 468.996, or federal law, the department may not, pursuant to a program and rules adopted under this section, require an existing air contamination source that employs toxics best available control technology on all significant emission units to undertake additional measures to limit or reduce toxic air contaminant emissions.

(b) Notwithstanding paragraph (a) of this subsection and subsection (6)(d) of this section, the department may require an existing air contamination source that employs toxics best available control technology on all significant emission units to undertake additional measures to limit or reduce toxic air contaminant emissions if the public health risks from toxic air contaminants emitted by the air contamination source are greater than four times the benchmark for excess lifetime cancer risk or are greater than two times the benchmark for excess noncancer risk.

(6)(a) Toxics best available control technology described in subsection (5) of this section must be a toxic air contaminant emissions limitation or emissions control measure or measures based on the maximum degree of reduction of toxic air contaminants that is feasible, determined for each air contamination source on a case-by-case basis, taking into consideration:

(A) What has been achieved in practice for:

(i) Air contamination sources in the same class as the air contamination source to which the toxic air contaminant emissions limitation or control measure will apply, as classified under ORS 468A.050; or

(ii) Processes or emissions similar to the processes or emissions of the air contamination source;

(B) Energy and health or environmental impacts not related to air quality; and

(C) Economic impacts and cost-effectiveness, including the costs of changing existing processes or equipment or adding equipment or controls to existing processes and equipment.

(b) Toxics best available control technology may be based on a design standard, equipment standard, work practice standard or other operational standard, or a combination thereof.

(c) In assessing the cost-effectiveness of any measure for purposes of determining toxics best available control technology for an air contamination source, the department must assess only the economic impacts and benefits associated with controlling toxic air contaminants.

(d) For an air contamination source that exists as of the date that a program and rules adopted under this section first become effective, compliance with emission control requirements, work practices or limitations established by a major source National Emission Standard for Hazardous Air Pollutants adopted by the United States Environmental Protection Agency after 1993 is deemed to be toxics best available control technology, provided that:

(A) The emission control requirements, work practices or limitations result in an actual reduction to the emissions of the hazardous air pollutants regulated under the National Emission Standard for Hazardous Air Pollutants; and

(B) There are no other toxic air contaminants emitted by the air contamination source that:

(i) Are regulated under a program and rules adopted by the Environmental Quality Commission pursuant to subsection (1) of this section;

(ii) Are not controlled by the emission control requirements, work practices or limitations established by a major source National Emission Standard for Hazardous Air Pollutants; and

(iii) Materially contribute to public health risks.

PILOT PROGRAM

SECTION 4. (1)(a) The Environmental Quality Commission may establish by rule a pilot program for evaluating and controlling public health risks from toxic air contaminant emissions from multiple stationary air contamination sources. The requirements of a pilot program adopted under this section shall be in addition to, and not in lieu of, any requirements applicable to a person in control of an air contamination source under a program and rules adopted under section 3 of this 2018 Act.

(b) Rules adopted for purposes of evaluating and regulating the public health risks from toxic air contaminant emissions from air contamination sources subject to the pilot program must be consistent with, and administered subject to the provisions of, section 3 (3) and (4) of this 2018 Act.

(2) The pilot program adopted under this section may apply to no more than one area in this state in a county with a population exceeding 500,000 people, selected based on:

(a) The degree to which the level of excess lifetime cancer risk in the area from all sources of toxic air contaminants exceeds the statewide mean excess lifetime cancer risk from all sources of toxic air contaminants; and

(b) The degree to which the area contains multiple stationary sources of toxic air contaminants, leading to high cumulative public health risks from the toxic air contaminant emissions of those air contamination sources.

(3) In determining the boundary of the pilot program area, the department shall consider the degree to which the level of cumulative risk resulting from the toxic air contaminant emissions of existing stationary air contamination sources within the area exceeds the benchmark for excess lifetime cancer risk or the benchmark for excess noncancer risk. The pilot program area may not be larger than a circle measuring 2.5 miles in diameter.

(4) Subsection (5) of this section applies:

(a) If ambient concentrations of toxic air contaminant emissions from all stationary air contamination sources within any portion of the pilot program area result in an exceedance of two times the benchmark for excess lifetime cancer risk or two times the benchmark for excess noncancer risk within that portion of the pilot program area; and

(b) To persons in control of existing air contamination sources that significantly contribute to an exceedance described in paragraph (a) of this subsection and to any person in control of a new or modified source that is reasonably anticipated to significantly contribute to an exceedance described in paragraph (a) of this subsection.

(5) In order to obtain a permit or a permit modification that would authorize a significant increase in the public health risks from toxic air contaminants emitted by an air contamination source, and except as provided in subsection (6) of this section, a person described in subsection (4)(b) of this section must prepare and submit to the Department of Environmental Quality a risk mitigation plan that includes one or more actions to offset the projected increase in public health risks from toxic air contaminant emissions from the new or modified air contamination source. The plan required by this subsection may include actions to reduce emissions from other sources in the area, including mobile sources. The department shall approve a risk mitigation plan submitted under this subsection if the department determines that the actions described in the plan are reasonably likely to achieve the projected reduction in public health risks necessary to offset the projected increase in public health risks from toxic air contaminant emissions from the new or modified air contamination source.

(6) Notwithstanding subsection (5) of this section, if the department determines, considering cost and available technology, that a risk mitigation plan is not feasible because reasonable actions to reduce public health risks are not available, the person in control of the air contamination source, in lieu of a risk mitigation plan, shall make a payment into the Clean Communities Fund established under section 5 of this 2018 Act. The amount of the payment required by this subsection shall be determined by the department based on the following considerations:

(a) The expected cost of actions to achieve the projected reduction in public health risks necessary to offset the increase in public health risks from toxic air contaminant emissions from the new or modified air contamination source; and

(b) How to best incentivize payments for actions that will most directly offset the increase in public health risks from toxic air contaminant emissions from the new or modified air contamination source in the portion of the pilot program area where the cumulative public health risks are expected to be the highest.

(7) The department may enter into a contract or agreement for services to implement a program for investing moneys deposited in the Clean Communities Fund in actions to reduce public health risks from toxic air contaminants emitted by air contamination sources located within the pilot program area.

SECTION 5. (1) The Clean Communities Fund is established in the State Treasury, separate and distinct from the General Fund. Interest earned by the Clean Communities Fund shall be credited to the fund.

(2) The Clean Communities Fund consists of moneys deposited in the fund pursuant to section 4 of this 2018 Act and any other moneys deposited in the fund from any other public or private source.

(3) Moneys in the Clean Communities Fund are continuously appropriated to the Department of Environmental Quality to be used for actions to reduce public health risks from toxic air contaminants emitted by air contamination sources located within the pilot program area designated by the department under section 4 of this 2018 Act.

PUBLIC MEETINGS; PRIVATE ACTIONS

SECTION 6. (1) The Department of Environmental Quality shall hold any public meeting required by rules adopted pursuant to sections 2 to 7 of this 2018 Act. At least one representative of a person in control of an air contamination source for which a permit or plan will be discussed at a public meeting required by a rule adopted under sections 2 to 7 of this 2018 Act must appear at the meeting.

(2) If the Environmental Quality Commission adopts a program and rules pursuant to section 3 of this 2018 Act or a pilot program pursuant to section 4 of this 2018 Act, the programs and rules and their applicability to any air contamination source described in this section do not create a new standard of care or otherwise alter an existing standard of care for imposing liability in any private action.

**TEMPORARY PROVISIONS RELATED TO BENCHMARKS
FOR EXCESS NONCANCER
RISK FOR EXISTING AIR CONTAMINATION SOURCES**

SECTION 7. (1) Notwithstanding section 2 (2)(b) of this 2018 Act, the Department of Environmental Quality may regulate an existing air contamination source pursuant to section 3 or 4 of this 2018 Act based on a benchmark for excess noncancer risk that is adjusted to equal a Hazard Index number other than 5, if the department determines that the existing air contamination source emits a material amount of one or more toxic air contaminants that are identified by the Environmental Quality Commission by rule to be toxic air contaminants that are expected to have:

(a) Developmental human health effects associated with prenatal or postnatal exposure;
or

(b) Other severe human health effects.

(2) The adjusted benchmark for excess noncancer risk applicable to an air contamination source described in subsection (1) of this section may be equal to a Hazard Index number determined by the department based on standards and criteria set forth by the commission in rule, but may be no less than a Hazard Index number of 3.

(3)(a) The commission shall adopt rules necessary to implement this section. The rules must, at a minimum:

(A) Identify toxic air contaminants for which the department may apply an adjusted benchmark for excess noncancer risk under subsection (1) of this section; and

(B) Establish standards and criteria for determining the degree to which the department may adjust the benchmark for excess noncancer risk applicable to an individual air contamination source described in subsection (1) of this section.

(b) Before adopting rules under this section, the commission shall establish and consider the recommendations of an advisory committee composed, at a minimum, of persons with technical expertise in toxic air contaminant risk assessment.

SECTION 8. Section 7 of this 2018 Act is repealed on January 1, 2029.

SECTION 9. The amendments to section 2 of this 2018 Act by section 10 of this 2018 Act become operative on January 1, 2029.

SECTION 10. Section 2 of this 2018 Act is amended to read:

Sec. 2. As used in sections 2 to 7 of this 2018 Act:

(1) "Benchmark for excess lifetime cancer risk" means:

(a) For a new or reconstructed air contamination source, an excess lifetime cancer risk level of 10 in one million.

(b) For an existing air contamination source, an excess lifetime cancer risk level [*of 50 in one million.*] established by the Environmental Quality Commission by rule, but no less than 25 in one million.

(2) "Benchmark for excess noncancer risk" means:

(a) For a new or reconstructed air contamination source, a benchmark equal to a Hazard Index number of 1.

(b) For an existing air contamination source, a benchmark equal to a Hazard Index number [of 5] **established by the commission by rule.**

(3) "Hazard Index number" means a number equal to the sum of the hazard quotients attributable to toxic air contaminants that have noncancer effects on the same target organs or organ systems.

(4) "Hazard quotient" means a calculated numerical value that is used to evaluate noncancer health risk from exposure to a single toxic air contaminant. The calculated numerical value is the ratio of the air concentration of a toxic air contaminant to the noncancer risk-based concentration at which no serious adverse human health effects are expected to occur.

(5) "Reconstructed" means an individual project constructed at an air contamination source that, once constructed, increases the hourly capacity of any changed equipment to emit and where the fixed capital cost of new components exceeds 50 percent of the fixed capital cost that would have been required to construct a comparable new source.

SECTION 11. The Department of Environmental Quality shall report to the interim committees of the Legislative Assembly related to the environment, no later than September 15, 2026, on the costs and benefits of regulating existing air contamination sources based on the benchmark for excess noncancer risk as defined in section 2 of this 2018 Act and based on any adjusted benchmarks for excess noncancer risk that have been applied to existing air contamination sources pursuant to section 7 of this 2018 Act. The report may include recommendations for legislation.

SECTION 12. Section 11 of this 2018 Act is repealed January 2, 2027.

FEES

SECTION 13. (1) The fee schedules authorized under ORS 468.065 (2) for permits described in subsection (2) of this section may include fees that are reasonably calculated to cover the direct and indirect costs of the Department of Environmental Quality and the Environmental Quality Commission in developing and implementing, under sections 2 to 7 of this 2018 Act, a program and rules described in section 3 of this 2018 Act or a pilot program described in section 4 of this 2018 Act.

(2) The fees authorized by subsection (1) of this section shall:

(a) Apply for any class of air contamination sources classified pursuant to ORS 468A.050 for which a person is required to obtain a permit under ORS 468A.040 or 468A.155 or is subject to the federal operating permit program pursuant to ORS 468A.310; and

(b) Be in addition to, and not in lieu of, any other fee required under ORS 468.065 or 468A.315.

(3) Not more than once each calendar year, the Environmental Quality Commission may increase the fees authorized under this section. The amount of the annual increase may not exceed the anticipated increase in the cost of implementing sections 2 to 7 of this 2018 Act, or three percent, whichever is lower, unless a larger increase is provided for in the Department of Environmental Quality's legislatively approved budget.

(4)(a) Any rule adopted under ORS 468.065 (2) regarding late payment of emission fees by an air contamination source issued a permit under ORS 468A.040 or 468A.155 shall apply in the same manner to an air contamination source issued a permit under ORS 468A.040 or 468A.155 for late payment of fees under this section.

(b) Any rule adopted under ORS 468A.315 regarding late payment of emission fees by sources subject to the federal operating permit program shall apply in the same manner to sources subject to the federal operating permit program for late payment of fees under this section.

(5) The department may, in the manner provided in ORS 468.070, refuse to issue, suspend, revoke or refuse to renew a permit issued under ORS 468A.040 or 468A.155 or under the federal operating permit program pursuant to ORS 468A.310 for failure to comply with the provisions of this section.

SECTION 14. (1) Fees imposed pursuant to section 13 of this 2018 Act shall first become due and payable no earlier than July 1, 2019.

(2) The Environmental Quality Commission may not increase the fees established under section 13 of this 2018 Act pursuant to section 13 (3) of this 2018 Act before January 1, 2020. Increased fees imposed pursuant to this subsection shall first become due and payable no earlier than July 1, 2020.

(3)(a) A fee imposed under section 13 of this 2018 Act may not exceed an amount equal to 35 percent of the fee imposed on a person during the 2018 calendar year, pursuant to ORS 468.065 (2), for an air contamination source classified pursuant to ORS 468A.050 for which the person is required to obtain a permit under ORS 468A.040 or 468A.155 or is subject to the federal operating permit program pursuant to ORS 468A.310.

(b) For purposes of administering this subsection, the commission shall exclude from the fee imposed on a person during the 2018 calendar year that portion of the fee that was imposed to cover the costs to the Department of Environmental Quality for any greenhouse gas emissions registration and reporting requirements adopted by the commission by rule.

SECTION 15. Section 14 of this 2018 Act is repealed on January 2, 2024.

SECTION 16. (1) In addition to and not in lieu of any other fee required by law, an air contamination source that has been issued or that applies for a permit pursuant to ORS 468A.040 or 468A.310 that authorizes the source to emit air contaminants during the period beginning January 1, 2019, and ending December 31, 2019, shall pay to the Department of Environmental Quality a one-time supplemental fee as provided in subsections (3) and (4) of this section.

(2) Supplemental fees collected under this section shall be deposited into the State Treasury to the credit of an account of the Department of Environmental Quality. Moneys deposited under this subsection are continuously appropriated to the department for the payment of expenses of the department and the Environmental Quality Commission in developing and implementing, under sections 2 to 7 of this 2018 Act, a program and rules described in section 3 of this 2018 Act or a pilot program described in section 4 of this 2018 Act.

(3) The one-time supplemental fee required under this section for a source subject to the federal operating permit program established pursuant to ORS 468A.310 shall be a base amount of \$2,013 plus an additional amount equal to \$15.22 per ton of each regulated pollutant emitted during the 2017 calendar year as determined under ORS 468A.315 (2).

(4) The one-time supplemental fee required under this section for a source subject to the following permitting requirements under ORS 468A.040 and rules adopted pursuant to ORS 468A.040 shall be as follows:

(a) For a source subject to a permit regulating basic air contaminant discharges, a supplemental fee of \$106.

(b) For a source subject to a permit regulating general, class I, air contaminant discharges, a supplemental fee of \$213.

(c) For a source subject to a permit regulating general, class II, air contaminant discharges, a supplemental fee of \$383.

(d) For a source subject to a permit regulating general, class III, air contaminant discharges, a supplemental fee of \$553.

(e) For a source subject to a permit regulating general, class IV, air contaminant discharges, a supplemental fee of \$106.

(f) For a source subject to a permit regulating general, class V, air contaminant discharges, a supplemental fee of \$35.

(g) For a source subject to a permit regulating general, class VI, air contaminant discharges, a supplemental fee of \$71.

(h) For a source that is subject to a permit regulating simple air contaminant discharges and that qualifies to pay a low fee under rules adopted by the Environmental Quality Commission under ORS 468.065, a supplemental fee of \$568.

(i) For a source that is subject to a permit regulating simple air contaminant discharges and that qualifies to pay a high fee under rules adopted by the commission under ORS 468.065, a supplemental fee of \$1,136.

(j) For a source subject to a permit regulating standard air contaminant discharges, a supplemental fee of \$2,271.

(5)(a) A source that has been issued, on or before the effective date of this 2018 Act, a permit under ORS 468A.040 or 468A.310 to emit air contaminants during the period beginning January 1, 2019, and ending December 31, 2019, shall pay to the Department of Environmental Quality the applicable supplemental fee required under this section no later than 30 days after the date of the invoice issued by the department for the supplemental fee.

(b) If, on or after the effective date of this 2018 Act, a source submits an application to the department for a permit under ORS 468A.040 or 468A.310 that, if issued by the department, would authorize the source to emit air contaminants during the period beginning January 1, 2018, and ending December 31, 2018, the applicable supplemental fee required by this section shall accompany the application for the permit.

(6)(a) Any rule adopted under ORS 468A.315 regarding late payment of emission fees shall apply to sources described in subsection (3) of this section in the same manner applicable to sources subject to the fee schedule adopted under ORS 468A.315.

(b) Any rule adopted under ORS 468.065 (2) regarding late payment of emission fees shall apply to sources described in subsection (4) of this section in the same manner applicable to sources subject to the fee schedule adopted under ORS 468.065 (2) for permits issued under ORS 468A.040.

(7) The Department of Environmental Quality may, in the manner provided in ORS 468.070, refuse to issue, suspend, revoke or refuse to renew a permit issued pursuant to ORS 468A.040 or 468A.310 for failure to comply with the provisions of this section.

SECTION 17. Section 16 of this 2018 Act is repealed on January 2, 2020.

CONFORMING AMENDMENTS

SECTION 18. ORS 468.065 is amended to read:

468.065. Subject to any specific requirements imposed by ORS 448.305, 454.010 to 454.040, 454.205 to 454.255, 454.505 to 454.535, 454.605 to 454.755 and ORS chapters 468, 468A and 468B:

(1) Applications for all permits authorized or required by ORS 448.305, 454.010 to 454.040, 454.205 to 454.255, 454.505 to 454.535, 454.605 to 454.755 and ORS chapters 468, 468A and 468B shall be made in a form prescribed by the Department of Environmental Quality. Any permit issued by the department shall specify its duration, and the conditions for compliance with the rules and standards, if any, adopted by the Environmental Quality Commission pursuant to ORS 448.305, 454.010 to 454.040, 454.205 to 454.255, 454.505 to 454.535, 454.605 to 454.755 and ORS chapters 468, 468A and 468B.

(2) By rule and after hearing, the commission may establish a schedule of fees for permits issued pursuant to ORS 468A.040, 468A.045, 468A.155 and 468B.050. Except as provided in ORS 468A.315 and 468B.051 **and section 13 of this 2018 Act**, the fees contained in the schedule shall be based upon the anticipated cost of filing and investigating the application, of carrying out applicable requirements of Title V, of issuing or denying the requested permit, and of an inspection program to determine compliance or noncompliance with the permit. The fee shall accompany the application for the permit. The fees for a permit issued under ORS 468A.040 or 468B.050 may be imposed on an annual basis.

(3) An applicant for certification of a project under ORS 468B.040 or 468B.045, and any person submitting a notice of intent to seek reauthorization, a preliminary application or an application for reauthorization of a water right for a hydroelectric project under ORS 543A.030, 543A.035, 543A.075, 543A.080 or 543A.095 shall pay as a fee all expenses incurred by the commission and department related to the review and decision of the Director of the Department of Environmental Quality and commission. These expenses may include legal expenses, expenses incurred in evaluating the project, issuing or denying certification and expenses of commissioning an independent study by a contractor of any aspect of the proposed project. These expenses shall not include the costs incurred in defending a decision of either the director or the commission against appeals or legal challenges. The department shall bill applicants for costs incurred on a monthly basis, and shall provide a biennial report describing how the moneys were spent. An applicant may arrange with the department to pay the fee on a quarterly basis. The department shall not charge a fee under the fee authority in this subsection if the holder is being charged a fee under ORS 543.088 and 543.090 or 543A.405. In no event shall the department assess fees under this section and under ORS 543A.405 for performance of the same work.

(4) The department may require the submission of plans, specifications and corrections and revisions thereto and such other reasonable information as it considers necessary to determine the eligibility of the applicant for the permit.

(5) The department may require periodic reports from persons who hold permits under ORS 448.305, 454.010 to 454.040, 454.205 to 454.225, 454.505 to 454.535, 454.605 to 454.755 and ORS chapters 468, 468A and 468B. The report shall be in a form prescribed by the department and shall contain such information as to the amount and nature or common description of the pollutant, contaminant or waste and such other information as the department may require.

(6) Any fee collected under a schedule of fees established pursuant to this section or ORS 468A.315 **or section 13 of this 2018 Act** shall be deposited in the State Treasury to the credit of an account of the department. The fees are continuously appropriated to meet the expenses of the program for which they are collected, except as follows:

(a) The federal operating permit program shall include a commensurate amount of the fee for any permit specified in this section for which the department incurs costs associated with the requirements of Title V and any fees collected under ORS 468A.315. Fees collected for the federal operating permit program in any biennium that exceed the legislatively approved budget, including amounts authorized by the Emergency Board for the federal operating permit program for such biennium, shall be credited toward the federal operating permit program budget for the following biennium.

(b) Fees collected for permits issued under ORS 468B.050 to authorize the discharge of wastes into the waters of the state may be used to pay the expenses of any of the programs associated with the issuance of permits under ORS 468B.050 to authorize the discharge of wastes into the waters of the state.

(c) The fees collected under a schedule of fees established pursuant to this section or ORS 468A.315 **or section 13 of this 2018 Act** by a regional air pollution control authority pursuant to a permit program authorized by the commission shall be retained by and shall be income to the regional authority except as provided in ORS 468A.155 (2)(c). Such fees shall be accounted for and expended in the same manner as are other funds of the regional authority. However, if the department finds after hearing that the permit program administered by the regional authority does not conform to the requirements of the permit program approved by the commission pursuant to ORS 468A.155, such fees shall be deposited and expended as are permit fees submitted to the department.

(7) As used in this section, "Title V" has the meaning given in ORS 468A.300.

SECTION 19. ORS 468A.300 is amended to read:

468A.300. As used in ORS 468.065, 468A.040, 468A.300 to 468A.330, 468A.415, 468A.420 and 468A.460 to 468A.515 **and section 13 of this 2018 Act**:

(1) "Administrator" means the administrator of the United States Environmental Protection Agency.

(2) "Clean Air Act" means P.L. 88-206 as amended.

(3) "Federal operating permit program" means the program established by the Environmental Quality Commission and the Department of Environmental Quality pursuant to ORS 468A.310.

(4) "Major source" has the meaning given in section 501(2) of the Clean Air Act.

(5) "Title V" means Title V of the Clean Air Act.

SECTION 20. ORS 468A.315 is amended to read:

468A.315. (1) The fee schedule required under ORS 468.065 (2) for a source subject to the federal operating permit program shall be based on a schedule established by rule by the Environmental Quality Commission in accordance with this section. Except for the additional [fee] fees under subsection (2)(e) of this section **and section 13 of this 2018 Act**, this fee schedule shall be in lieu of any other fee for a permit issued under ORS 468A.040, 468A.045 or 468A.155. The fee schedule shall cover all reasonable direct and indirect costs of implementing the federal operating permit program and shall consist of:

(a) An emission fee per ton of each regulated pollutant emitted during the prior calendar year as determined under subsection (2) of this section, subject to annual fee increases as set forth in paragraph (d) of this subsection. The following emission fees apply:

(A) \$27 per ton emitted during the 2006 calendar year.

(B) \$29 per ton emitted during the 2007 calendar year.

(C) \$31 per ton emitted during the 2008 calendar year and each calendar year thereafter.

(b) Fees for the following specific elements of the federal operating permit program:

(A) Reviewing and acting upon applications for modifications to federal operating permits.

(B) Any activity related to permits required under ORS 468A.040 other than the federal operating permit program.

(C) Department of Environmental Quality activities for sources not subject to the federal operating permit program.

(D) Department review of ambient monitoring networks installed by a source.

(E) Other distinct department activities created by a source or a group of sources if the commission finds that the activities are unique and specific and that additional rulemaking is necessary and will impose costs upon the department that are not otherwise covered by federal operating permit program fees.

(c) A base fee for a source subject to the federal operating permit program. This base fee shall be no more than the fees set forth in subparagraphs (A) to (D) of this paragraph, subject to increases as set forth in paragraph (d) of this subsection:

(A) \$2,700 for the period of November 15, 2007, through November 14, 2008.

(B) \$2,900 for the period of November 15, 2008, through November 14, 2009.

(C) \$3,100 for the period of November 15, 2009, through November 14, 2010.

(D) \$4,100 for the period of November 15, 2010, through November 14, 2011, and for each annual period thereafter.

(d) An annual increase in the fees set forth in paragraphs (a) to (c) of this subsection by the percentage, if any, by which the Consumer Price Index exceeds the Consumer Price Index as of the close of the 12-month period ending on August 31, 1989, if the commission determines by rule that the increased fees are necessary to cover all reasonable direct and indirect costs of implementing the federal operating permit program.

(2)(a) The fee on emissions of regulated pollutants required under this section shall be based on the amount of each regulated pollutant emitted during the prior calendar year as documented by information provided by the source in accordance with criteria adopted by the commission or, if the source elects to pay the fee based on permitted emissions, the fee shall be based on the emission limit for the plant site of the major source.

(b) The fee required by subsection (1)(a) of this section does not apply to any emissions in excess of 4,000 tons per year of any regulated pollutant through calendar year 2010 and in excess of 7,000 tons per year of all regulated pollutants for each calendar year thereafter. The department may not

revise a major source's plant site emission limit due solely to payment of the fee on the basis of documented emissions.

(c) The commission shall establish by rule criteria for the acceptability and verifiability of information related to emissions as documented, including but not limited to the use of:

- (A) Emission monitoring;
- (B) Material balances;
- (C) Emission factors;
- (D) Fuel use;
- (E) Production data; or
- (F) Other calculations.

(d) The department shall accept reasonably accurate information that complies with the criteria established by the commission as documentation of emissions.

(e) The rules adopted under this section shall require an additional fee for failure to pay, substantial underpayment of or late payment of emission fees.

(3) The commission shall establish by rule the size fraction of total particulates subject to emission fees as particulates under this section.

(4) As used in this section:

(a) "Regulated pollutant" means particulates, volatile organic compounds, oxides of nitrogen, and sulfur dioxide; and

(b) "Consumer Price Index" has the meaning given in 42 U.S.C. 7661a(b), as in effect on June 20, 2007.

EXPENDITURE LIMITATIONS

SECTION 21. Notwithstanding any other law limiting expenditures, the amount of \$2,000,156 is established for the biennium ending June 30, 2019, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, collected or received by the Department of Environmental Quality for the purpose of implementing and administering the provisions of this 2018 Act.

SECTION 22. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter 545, Oregon Laws 2017, for the biennium ending June 30, 2019, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, tobacco tax receipts, recreational marijuana tax receipts, provider taxes, Medicare receipts and federal funds for indirect cost recovery, Supplemental Security Income recoveries, Women, Infants and Children Program food rebates, the Coordinated School Health Program, the Edward Byrne Memorial State and Local Law Enforcement Assistance Grant Program and emergency preparedness and response services, but excluding lottery funds and federal funds not described in this section, collected or received by the Oregon Health Authority, for programs, is increased by \$365,000 to implement the provisions of this 2018 Act.

CAPTIONS

SECTION 23. The unit captions used in this 2018 Act are provided only for the convenience of the reader and do not become part of the statutory law of this state or express any legislative intent in the enactment of this 2018 Act.

EMERGENCY CLAUSE

SECTION 24. This 2018 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2018 Act takes effect on its passage.

Passed by Senate March 1, 2018

.....
Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House March 3, 2018

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M,....., 2018

Approved:

.....M,....., 2018

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M,....., 2018

.....
Dennis Richardson, Secretary of State

Enrolled Senate Bill 5518

Printed pursuant to Senate Interim Rule 213.28 by order of the President of the Senate in conformance with pre-session filing rules, indicating neither advocacy nor opposition on the part of the President (at the request of Oregon Department of Administrative Services)

CHAPTER

AN ACT

Relating to the financial administration of the Department of Environmental Quality; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. There are appropriated to the Department of Environmental Quality, for the biennium beginning July 1, 2017, out of the General Fund, the following amounts, for the following purposes:

- (1) Air quality..... \$ 13,133,452
- (2) Water quality..... \$ 26,136,733
- (3) Land quality..... \$ 1,136,036
- (4) Agency management..... \$ 750,000
- (5) Debt service..... \$ 3,824,980

SECTION 2. Notwithstanding any other law limiting expenditures, the following amounts are established for the biennium beginning July 1, 2017, as the maximum limits for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, the proceeds of bonds for the Orphan Site Account and federal funds from congestion mitigation and air quality grants, drinking water protection, beach bacteria monitoring, laboratory accreditation and woodstove grants and for smoke monitoring laboratory services, but excluding lottery funds and federal funds not described in this section, collected or received by the Department of Environmental Quality, for the following purposes:

- (1) Air quality..... \$ 54,046,098
- (2) Water quality..... \$ 24,913,696
- (3) Land quality..... \$ 66,217,299
- (4) Agency management..... \$ 27,687,657

SECTION 3. Notwithstanding any other law limiting expenditures, the amount of \$4,687,925 is established for the biennium beginning July 1, 2017, as the maximum limit for payment of expenses from lottery moneys allocated from the Parks and Natural Resources Fund to the Department of Environmental Quality for activities and projects to implement Article XV, section 4 (8), of the Oregon Constitution.

SECTION 4. For the biennium beginning July 1, 2017, the following expenditures by the Department of Environmental Quality are not limited:

- (1) Expenditures for debt service and debt service administrative costs related to the Water Pollution Control Revolving Fund and the Pollution Control Fund; and

(2) Expenditures made for loans from the Water Pollution Control Revolving Fund and loans from the Pollution Control Fund.

SECTION 5. Notwithstanding any other law limiting expenditures, the following amounts are established for the biennium beginning July 1, 2017, as the maximum limits for payment of expenses from federal funds other than those described in section 2 of this 2017 Act, collected or received by the Department of Environmental Quality, for the following purposes:

- (1) Air quality..... \$ 10,189,385
- (2) Water quality..... \$ 11,522,064
- (3) Land quality..... \$ 7,343,708

SECTION 6. This 2017 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2017 Act takes effect July 1, 2017.

Passed by Senate July 4, 2017

.....
Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House July 6, 2017

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M.,....., 2017

Approved:

.....M.,....., 2017

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M.,....., 2017

.....
Dennis Richardson, Secretary of State

Enrolled
Senate Bill 5702

Sponsored by JOINT COMMITTEE ON WAYS AND MEANS

CHAPTER

AN ACT

Relating to state financial administration; creating new provisions; amending section 21, chapter 786, Oregon Laws 2013, sections 1, 2 and 3, chapter 570, Oregon Laws 2017, and section 5, chapter 748, Oregon Laws 2017; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. Section 1, chapter 570, Oregon Laws 2017, is amended to read:

Sec. 1. The amounts authorized, as provided by ORS 286A.035, for issuance of general obligation bonds of the state during the 2017-2019 biennium, notwithstanding section 10, chapter 705, Oregon Laws 2013, are as follows:

GENERAL OBLIGATION BONDS
General Fund Obligations

- (1) Higher Education Coordinating Commission (Art. XI-G):
 - (a) Oregon Institute of Technology, Center for Excellence in Engineering and Technology/Cornett Hall Renovation..... \$ 2,050,000
 - (b) Oregon State University:
 - (A) Quality Foods and Beverage Center \$ 9,100,000
 - (B) Gilkey Hall Renovation \$ 2,050,000
 - (C) **Cascades Academic Building 2..... \$ 10,215,000**
 - (c) Portland State University, Graduate School of Education Facility \$ 36,485,000
 - (d) University of Oregon, Campus for Accelerating [Scientific Impact \$ 50,620,000]
 - Scientific Impact..... \$ 70,910,000**
 - (e) Western Oregon University:
 - (A) Information Technology Center Renovation \$ 540,000

(B)	Oregon Military Building Renovation	\$	540,000
(f)	Blue Mountain Community College, Facility for Agricultural Resource Management	\$	5,115,000
(g)	Chemeketa Community College, Agricultural Complex	\$	6,125,000
(h)	Clackamas Community College: (A) DeJardin Building Addition	\$	8,140,000
(B)	Student Services and Community Commons	\$	8,140,000
(i)	Clatsop Community College, Marine Science Center Renovation and Expansion	\$	8,135,000
(j)	Columbia Gorge Community College, Middle College Prototype Facility	\$	7,400,000
(k)	Lane Community College, Health Care Village Facility	\$	8,140,000
(L)	Linn-Benton Community College, Student Advising and Campus Safety Center	\$	7,635,000
(m)	Mt. Hood Community College, Maywood Park Center	\$	8,140,000
(n)	Oregon Coast Community College, Workforce Education and Resiliency Center	\$	8,140,000
(o)	Portland Community College, Health Technology Building Renovation	\$	8,140,000
(p)	Rogue Community College, Elk Building Science Facility Renovation and Expansion	\$	6,125,000
(q)	Southwestern Oregon Community College, Dellwood Hall Remodel and Expansion	\$	2,805,000
(r)	Treasure Valley Community College, Workforce Vocational Center	\$	2,865,000
(s)	Umpqua Community College, Industrial Technology Building	\$	8,140,000
(2)	Department of Environmental Quality (Art. XI-H)	\$	10,300,000
(3)	Oregon Business Development Department (Art. XI-M)	\$	101,180,000
(4)	Oregon Business Development Department (Art. XI-N)	\$	20,430,000
(5)	Department of Education		

	(Art. XI-P)	\$	100,985,000
(6)	Oregon Department of Administrative Services (Art. XI-Q):		
(a)	Department of Corrections:		
(A)	Capital Improvements and Renewal	\$	26,770,000
(B)	Technology Infrastructure	\$	12,445,000
(b)	Department of Education, Oregon School for the Deaf Facility Improvements	\$	4,365,000
(c)	Department of Environmental Quality, Environmental Data Management System.....	\$	5,070,000
[(c)]	(d) Department of Human Services, ONE Integrated Eligibility and Medicaid Eligibility System.....	\$	34,045,000
[(d)]	(e) Department of Justice, Child Support Enforcement <i>Automated System</i>	\$	16,585,000]
	Automated System.....	\$	19,400,000
[(e)]	(f) Department of Revenue, Core Tax Revenue Systems Replacement	\$	4,855,000
[(f)]	(g) Department of Veterans' Affairs:		
(A)	Lebanon Veteran's Home Parking Lot	\$	1,345,000
(B)	The Dalles Veterans' Home Capital Improvements	\$	1,195,000
(C)	Roseburg Veterans' Home.....	\$	10,720,000
[(g)]	(h) Housing and Community Services Department, Local Innovation and Fast Track Housing Program	\$	81,090,000
[(h)]	(i) Higher Education Coordinating Commission:		
(A)	Public Universities Capital Improvement and Renewal.....	\$	50,620,000
(B)	Eastern Oregon University, Loso Hall Renovation	\$	5,575,000
(C)	Oregon Institute of Technology:		
(i)	Center for Excellence in Engineering and Technology/ Cornett Hall Renovation	\$	38,475,000
(ii)	Oregon Manufacturing Innovation Center, Research and Development Facility	\$	3,940,000
(D)	Oregon State University:		
(i)	Cordley Hall Renovation.....	\$	15,250,000

(ii)	Fairbanks Hall Renovation.....	\$	11,220,000
(iii)	Gilkey Hall Renovation	\$	1,045,000
(iv)	Cascades Expansion Site Reclamation.....	\$	9,145,000
(v)	Cascades Academic Building 2.....	\$	29,410,000
(E)	Portland State University, Graduate School of Education Facility	\$	9,145,000
(F)	Southern Oregon University[, <i>Central Hall</i>] [<i>Capital Improvements</i>]:		
(i)	Central Hall Capital Improvements.....	\$	6,125,000
(ii)	Boiler Replacement.....	\$	2,855,000
(G)	Western Oregon University:		
(i)	Information Technology Center Renovation	\$	5,070,000
(ii)	Oregon Military Building Renovation	\$	7,335,000
[(i)]	(j) Legislative Administration Committee, Capitol Accessibility, Maintenance, [and Safety]	\$	13,960,000
	and Safety	\$	23,660,000
[(j)]	(k) Oregon Judicial Department:		
(A)	Lane County Courthouse	\$	5,115,000
(B)	Multnomah County Courthouse.....	\$	102,495,000
(C)	Oregon Supreme Court Building Renovation	\$	6,125,000
[(k)]	(L) Oregon Military Department:		
(A)	Grants Pass Armory Service Life Extension.....	\$	3,330,000
(B)	Regional Armory Emergency Enhancement Project	\$	8,675,000
(C)	Regional Training Institute	\$	6,630,000
(D)	Resiliency Grant Fund.....	\$	5,070,000
(E)	Youth Challenge Armory	\$	5,095,000
[(L)]	(m) Oregon Youth Authority:		
(A)	Capital Improvements	\$	17,450,000
(B)	MacLaren West Cottages Renovation	\$	15,450,000
(C)	Rogue Valley Facility Improvements	\$	7,095,000
[(m)]	(n) State Department of Fish and Wildlife	\$	10,215,000
[(n)]	(o) State Forestry Department, Toledo Facility Replacement.....	\$	774,225
	<u>Dedicated Fund Obligations</u>		
(7)	Department of Veterans' Affairs (Art. XI-A).....	\$	120,000,000

(8) Higher Education Coordinating Commission (Art. XI-F(1)):	
(a) Portland State University:	
(A) Land Acquisition for University Center Building.....	\$ 15,260,000
(B) 12th & Market Residence Hall.....	\$ 54,225,000
(C) Graduate School of Education Facility	\$ 6,080,000
(D) Corbett Building Purchase.....	\$ 5,100,000
(b) Oregon Institute of Technology, Student Recreation Center	\$ 5,115,000
(c) Eastern Oregon University, Track and Field Facilities	
<i>[Restoration.....]</i>	<i>\$ 790,000]</i>
Restoration	\$ 1,180,000
(d) Western Oregon University, Natural Sciences Building Renovation	\$ 3,560,000
(9) Department of Environmental Quality (Art. XI-H).....	\$ 10,000,000
(10) Housing and Community Services Department (Art. XI-I(2)).....	\$ 25,000,000
(11) Oregon Department of Administrative Services (Art. XI-Q):	
(a) Portland State Office Building Improvements	\$ 13,360,000
(b) State Forestry Department, Toledo Facility Replacement.....	\$ 1,075,775
<u>Total General Obligation</u>	
<i>[Bonds.....]</i>	<i>\$ 1,257,310,000]</i>
Bonds	\$ 1,341,615,000

SECTION 2. Section 2, chapter 570, Oregon Laws 2017, is amended to read:

Sec. 2. The amounts authorized, as provided by ORS 286A.035, for issuance of revenue bonds of the state during the 2017-2019 biennium are as follows:

REVENUE BONDS

Direct Revenue Bonds

Housing and Community	
<i>[Services Department.....]</i>	<i>\$ 300,000,000]</i>
Services Department.....	\$ 400,000,000
Oregon Business Development Department	\$ 30,000,000
Oregon Department of Administrative Services,	
<i>[Lottery Revenue Bonds</i>	<i>\$ 199,860,000]</i>
Lottery Revenue Bonds	\$ 221,025,000
<u>Total Direct Revenue</u>	
<i>[Bonds.....]</i>	<i>\$ 529,860,000]</i>

Bonds	\$ 651,025,000
<u>Pass-Through Revenue Bonds</u>	
Oregon Business Development Department, Industrial Development Bonds	\$ 400,000,000
Oregon Business Development Department, Beginning and Expanding Farmer Loan Program	\$ 10,000,000
Oregon Facilities Authority	\$ 1,350,000,000
Housing and Community [Services Department].....	\$ 325,000,000
Services Department	\$ 600,000,000
<u>Total Pass-Through Revenue</u>	
[Bonds].....	\$ 2,085,000,000
Bonds	\$ 2,360,000,000
[Total Revenue Bonds].....	\$ 2,614,860,000
Total Revenue Bonds	\$ 3,011,025,000

SECTION 3. Section 3, chapter 570, Oregon Laws 2017, is amended to read:

Sec. 3. The amount authorized, as provided by ORS 286A.035, for issuance of certificates of participation and other financing agreements of the state during the 2017-2019 biennium for the Oregon Department of Administrative Services is [\$110,985,000] **\$127,985,000**.

SECTION 4. Section 5, chapter 748, Oregon Laws 2017, is amended to read:

Sec. 5. (1) For the biennium beginning July 1, 2017, at the request of the Oregon Department of Administrative Services, after the department consults with the Water Resources Department, the State Treasurer is authorized to issue lottery bonds pursuant to ORS 286A.560 to 286A.585 in an amount that produces [\$20,700,000] **\$25,850,000** in net proceeds and interest earnings for the purposes described in subsection (2) of this section, plus an additional amount estimated by the State Treasurer to be necessary to pay bond-related costs.

(2) Net proceeds of lottery bonds issued under this section must be transferred to the Water Resources Department for deposit in the Water Supply Development Account established in ORS 541.656, in an amount sufficient to provide:

(a) \$15 million in net proceeds and interest earnings to provide grants or loans to evaluate, plan and develop in-stream and out-of-stream statewide water development projects.

(b) \$2.5 million in net proceeds and interest earnings to the City of Carlton to reduce sedimentation and increase water storage capacity at the Panther Creek Reservoir.

(c) [\$2] **\$7.15** million in net proceeds and interest earnings to the City of Carlton to replace the city's finished water supply line and reduce water loss.

(d) \$1.2 million in net proceeds and interest earnings to the Santiam Water Control District to complete the Mill Creek Corporate Center irrigation conversion and efficiency project.

(3) The Legislative Assembly finds that the use of lottery bond proceeds will create jobs, further economic development, finance public education or restore and protect parks, beaches, watersheds and native fish and wildlife, and is authorized based on the following findings:

(a) Having adequate drinking water systems, irrigation, drainage and healthy ecosystems enhances community development and supports Oregon's economic growth.

(b) Assisting local governments to mitigate losses resulting from reduced water supply for irrigation and retirement of water rights will enhance community efforts to facilitate and promote economic growth.

SECTION 5. Section 21, chapter 786, Oregon Laws 2013, is amended to read:

Sec. 21. (1) For the biennium beginning July 1, 2013, at the request of the Oregon Department of Administrative Services, after the department consults with the Department of Transportation and the Oregon International Port of Coos Bay, the State Treasurer is authorized to issue lottery

bonds pursuant to ORS 286A.560 to 286A.585 in an amount that produces \$10 million in net proceeds and interest earnings for the purpose described in subsection (2) of this section, plus an additional amount estimated by the State Treasurer to be necessary to pay bond-related costs.

(2) Net proceeds of lottery bonds issued under this section [*in an amount sufficient to provide \$10 million in net proceeds and interest earnings*] must be transferred to the Department of Transportation for deposit in the DOT Economic Development Distributions Fund established in section 24 [*of this 2013 Act*], **chapter 786, Oregon Laws 2013, in an amount sufficient to provide:**

(a) \$7 million in net proceeds and interest earnings for distribution to the Oregon International Port of Coos Bay for the purpose of acquiring, constructing or improving the Coos Bay rail link, as defined in ORS 777.915.

(b) \$3 million in net proceeds and interest earnings for distribution to the Oregon International Port of Coos Bay for acquisition of the Coos Bay rail link rolling stock.

(3) The Legislative Assembly finds that the use of lottery bond proceeds will create jobs, further economic development, finance public education or restore and protect parks, beaches, watersheds and native fish and wildlife, and is authorized based on the finding that improvements in **and continued operation of** multimodal transportation systems are necessary to facilitate the flow of goods and services to national and international markets through the deep-water port at Coos Bay.

SECTION 6. (1) For the biennium ending June 30, 2019, at the request of the Oregon Department of Administrative Services, after the department consults with De Paul Treatment Centers, the State Treasurer is authorized to issue lottery bonds pursuant to ORS 286A.560 to 286A.585 in an amount that produces \$2 million in net proceeds and interest earnings for the purposes described in subsection (2) of this section, plus an additional amount estimated by the State Treasurer to be necessary to pay bond-related costs.

(2) Net proceeds of lottery bonds issued under this section in an amount sufficient to provide \$2 million in net proceeds and interest earnings must be transferred to the department for deposit in the ODAS Economic Development Distributions Fund established under ORS 461.553 for distribution to De Paul Treatment Centers for a new treatment center facility.

(3) The Legislative Assembly finds that the use of lottery bond proceeds will create jobs, further economic development, finance public education or restore and protect parks, beaches, watersheds and native fish and wildlife, and is authorized based on the finding that individuals increase their potential for self-sufficiency, increase economic productivity and use fewer public resources when they have access to addiction treatment programs and services.

SECTION 7. (1) For the biennium ending June 30, 2019, at the request of the Oregon Department of Administrative Services, after the department consults with Trillium Family Services, the State Treasurer is authorized to issue lottery bonds pursuant to ORS 286A.560 to 286A.585 in an amount that produces \$3 million in net proceeds and interest earnings for the purposes described in subsection (2) of this section, plus an additional amount estimated by the State Treasurer to be necessary to pay bond-related costs.

(2) Net proceeds of lottery bonds issued under this section in an amount sufficient to provide \$3 million in net proceeds and interest earnings must be transferred to the department for deposit in the ODAS Economic Development Distributions Fund established under ORS 461.553 for distribution to Trillium Family Services for construction of a secure adolescent inpatient facility at the Children's Farm Home Corvallis campus.

(3) The Legislative Assembly finds that the use of lottery bond proceeds will create jobs, further economic development, finance public education or restore and protect parks, beaches, watersheds and native fish and wildlife, and is authorized based on the finding that expanding the Children's Farm Home will create jobs in construction and health care.

SECTION 8. (1) For the biennium ending June 30, 2019, at the request of the Oregon Department of Administrative Services, after the department consults with the Higher Education Coordinating Commission, the State Treasurer is authorized to issue lottery bonds

pursuant to ORS 286A.560 to 286A.585 in an amount that produces \$9 million in net proceeds and interest earnings for the purposes described in subsection (2) of this section, plus an additional amount estimated by the State Treasurer to be necessary to pay bond-related costs.

(2) Net proceeds of lottery bonds issued under this section in an amount sufficient to provide \$9 million in net proceeds and interest earnings must be transferred to the Higher Education Coordinating Commission for deposit in the Public University Fund established under ORS 352.450, segregated in a distinct subaccount to allow necessary compliance with the Internal Revenue Code, for distribution to Eastern Oregon University to construct a new field house facility.

(3) The Legislative Assembly finds that the use of lottery bond proceeds will create jobs, further economic development, finance public education or restore and protect parks, beaches, watersheds and native fish and wildlife, and is authorized based on the following findings:

(a) A new facility is needed in order for the university to have adequate instructional and athletic space.

(b) Having adequate university buildings and facilities is essential to Oregon's healthy economic growth.

(c) The field house facility will be used as a venue for regional events, providing significant economic benefits to local communities.

(d) Oregon manufactured wood products, including cross-laminated timber, will be utilized in the construction of the field house facility, supporting Oregon's wood products manufacturing industry.

SECTION 9. This 2018 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2018 Act takes effect on its passage.

Passed by Senate March 3, 2018

.....
Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House March 3, 2018

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M.,....., 2018

Approved:

.....M.,....., 2018

.....
Kate Brown, Governor

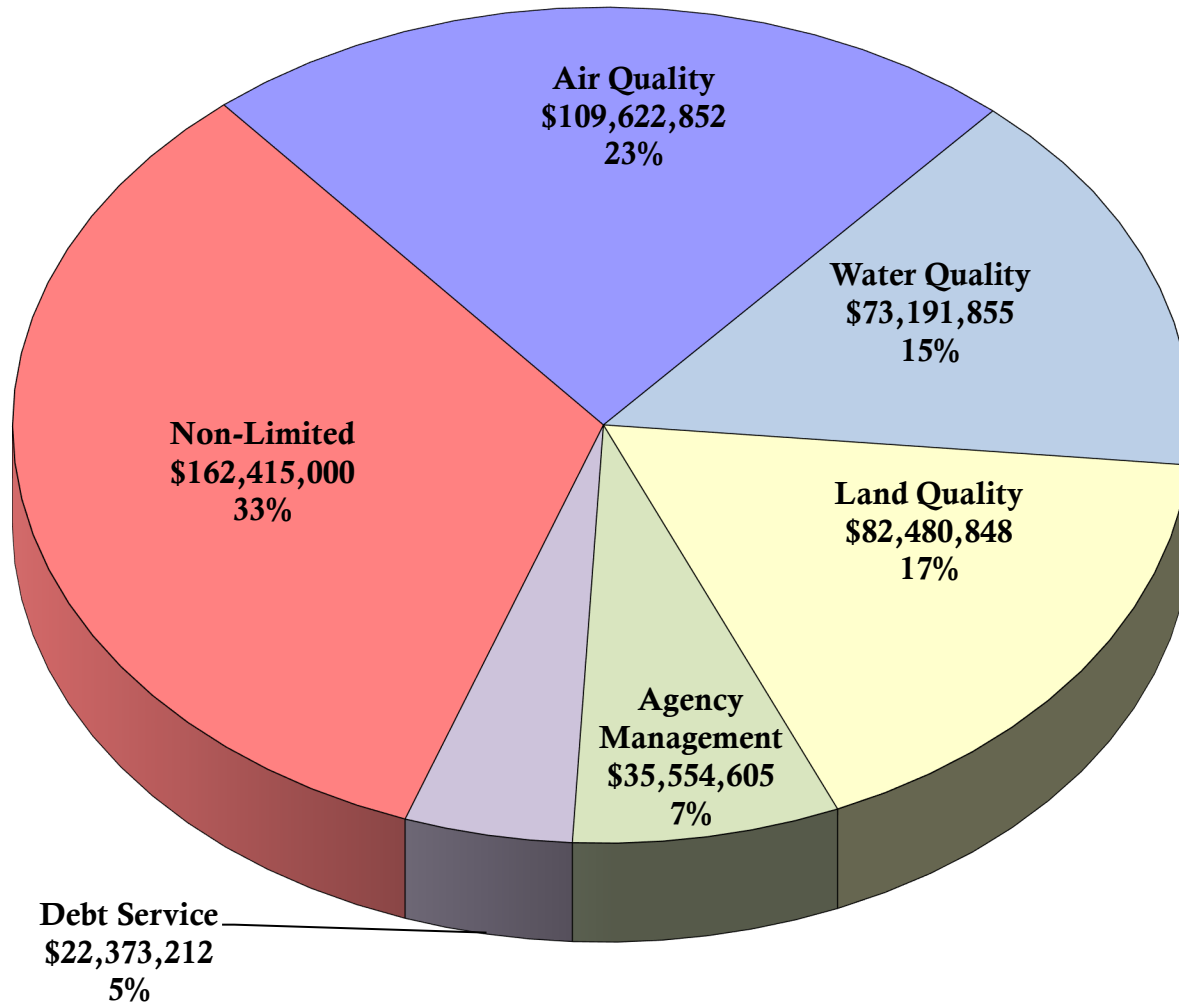
Filed in Office of Secretary of State:

.....M.,....., 2018

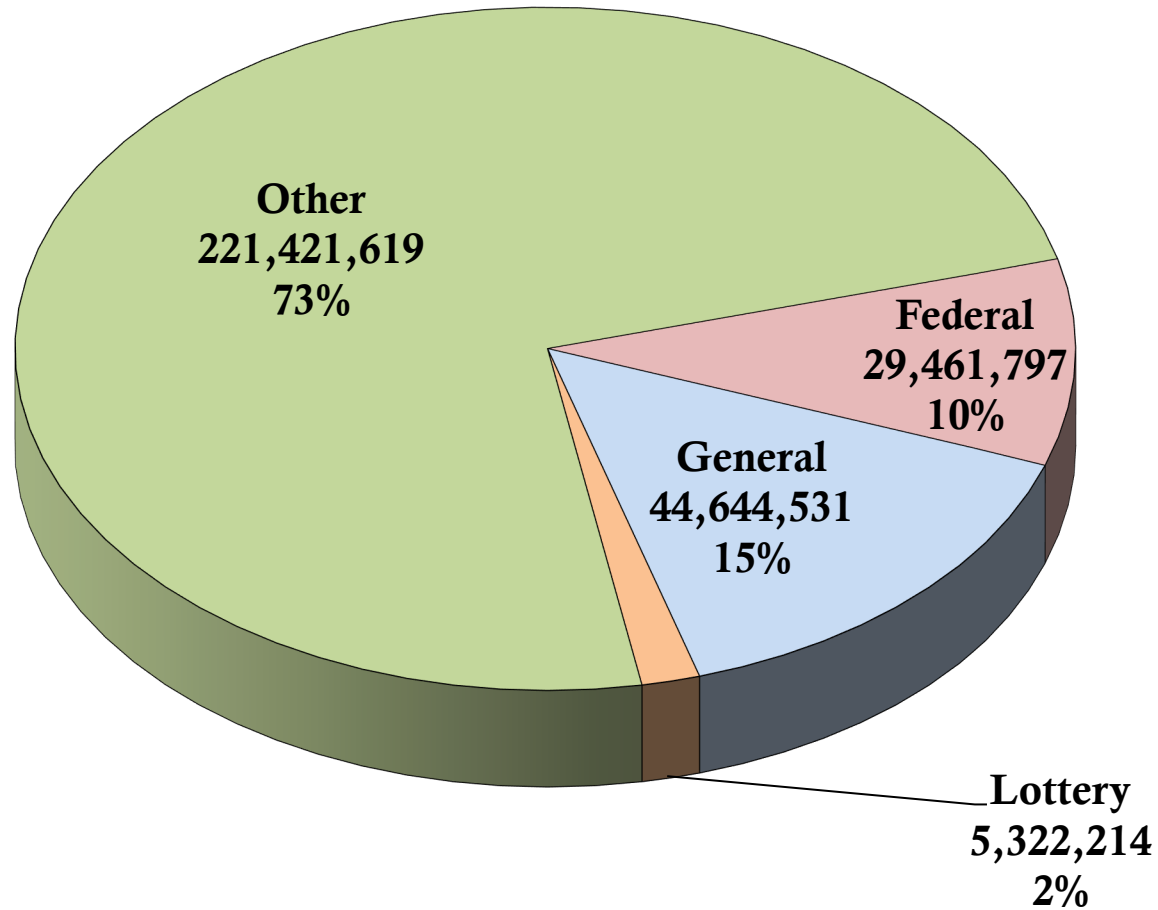
.....
Dennis Richardson, Secretary of State

DEQ BUDGET SUMMARY GRAPHICS

**2019-2021 Total Governor's Recommended Budget
\$485,638,373**

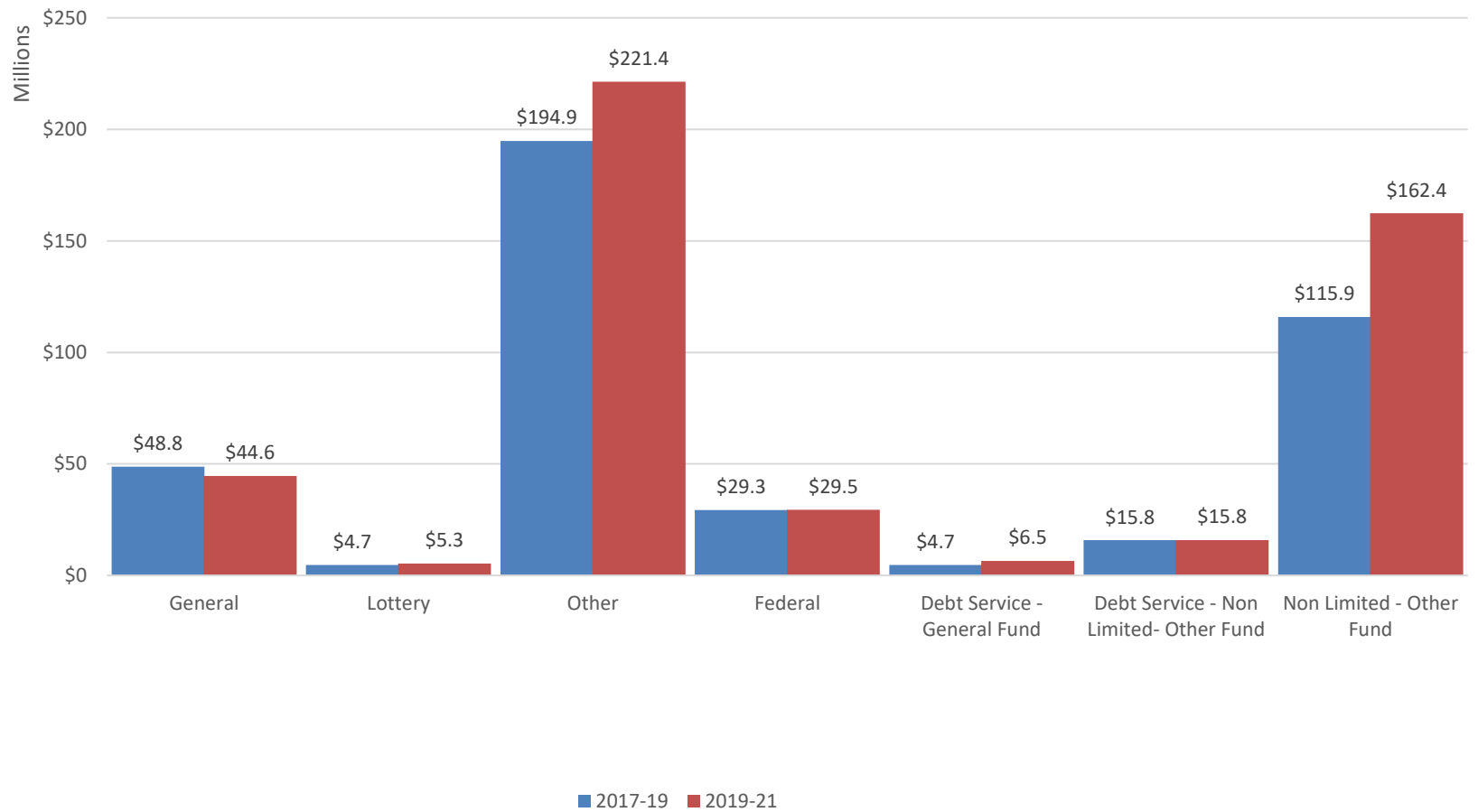


**2019-2021 Total Governor's Recommended
Budget for Operations -\$300,850,161**



Oregon Department of Environmental Quality

Comparison of 2017-19 Leg Approved and 2019-21 Agency Request



MISSION STATEMENT

The Department of Environmental Quality's mission is to be a leader in restoring, maintaining and enhancing the quality of Oregon's air, water and land.

STATUTORY AUTHORITY

DEQ is responsible for protecting the quality of Oregon's air, water and land resources. The agency administers programs established by the federal government and the State of Oregon. The U.S. Environmental Protection Agency has delegated authority to DEQ to implement federal environmental programs including the Clean Air and Clean Water Acts, and the Resource Conservation and Recovery Act, which covers waste management and underground storage tank programs. DEQ also implements state programs including recycling, groundwater protection, air toxics, emergency response and environmental cleanup activities.

DEQ's major statutory authorities in the Oregon Revised Statutes are:

- Chapter 448 — Operator Certification for Sewage Treatment Works
- Chapter 453 — Hazardous Substances
- Chapter 454 — Sewage Treatment and Disposal Systems
- Chapter 459 — Solid Waste Control
- Chapter 459A — Reuse and Recycling
- Chapter 465 — Hazardous Waste and Hazardous Materials I
- Chapter 466 — Hazardous Waste and Hazardous Materials II
- Chapter 467 — Noise Control
- Chapter 468 — Environmental Quality Generally
- Chapter 468A — Air Quality
- Chapter 468B — Water Quality
- Chapter 475 — Illegal Drug Lab Cleanup

Federal and state laws are implemented through Oregon Administrative Rules (OARs) adopted by the Environmental Quality Commission, DEQ's five-member citizen oversight and policy body. EQC rules are in OAR Chapter 340, Divisions 11 to 180.

The governor appoints EQC members, subject to Senate confirmation. The commissioners serve four-year terms at the pleasure of the governor. The governor may reappoint commissioners but a commissioner may not serve more than two consecutive terms. In addition to adopting rules, the EQC also establishes policy (subject to legislative mandate) and appoints the agency's director (ORS Chapter 468).

AGENCY OVERVIEW

DEQ's core functions are to regulate air and water emissions so that our air is healthy to breathe and our waters are clean; work with private and public partners to cleanup contaminated lands; prepare for and respond to emergency events involving spills and fire; and manage solid and hazardous wastes - all to protect public health and the environment.

DEQ's headquarters is in Portland, with three main regional administrative offices in Bend, Eugene and Portland. Smaller field offices are located in Baker City, Coos Bay, Medford, Pendleton, Salem, The Dalles, Klamath Falls and Tillamook. DEQ's environmental laboratory operates in Hillsboro. One vehicle inspection technical center and six vehicle inspection stations are located in the Portland metropolitan area and one vehicle inspection station is located in Medford.

DEQ is organized in a matrix fashion, with four headquarters divisions: Air Quality, Water Quality, Land Quality, and Central Services. These parts of the agency carry out much of the policy and administrative functions of DEQ, with the regional and field offices typically are responsible for permitting and compliance inspection functions.

Air Quality Program. DEQ regulates about 2,700 industrial and commercial sources of air pollution. This regulation, along with the vehicle inspection program, is primarily designed so that communities across Oregon have healthy air to breathe. To assure that our air quality is healthy, DEQ monitors air quality across the state.

To meet federal law, Oregon adopts and implements a state implementation plan designed to ensure that Oregonians are breathing air that meets or exceeds national air quality standards. Air quality is affected by mobile (cars and trucks) and area (residential wood stoves) sources as well as industrial and commercial stationary sources. An

important part of Oregon's state implementation plan is minimizing pollution from motor vehicles in the Portland area and in the Rogue Valley through a vehicle inspection program. Although cars are becoming cleaner, the average age of cars on the road also is increasing, and vehicle inspection remains a key tool for Oregon in order to comply with federal requirements.

DEQ implements several laws related to greenhouse gas emissions: a reporting program for large industrial and commercial sources; a clean fuels program; the California low and zero emission vehicles standards; and a consumer rebate program for purchases and leases of electric vehicles. DEQ also administers programs to reduce diesel emissions, including one of the VW mitigation funds following that company's settlement of litigation stemming from its use of emissions defeat devices. Finally, DEQ also receives and responds to a large number of complaints regarding air quality - more than 5,000 air quality complaints per biennium.

The Air Quality program is funded through a variety of fees, including permit fees and vehicle inspection fees, federal grants and General Fund.

Water Quality Program. DEQ issues more than 3,800 permits for the discharge of pollution into waterways. Permit limits are set at levels designed to ensure that waterways are safe for drinking, fishing and swimming. To protect waterways, DEQ also sets and enforces water quality standards, and monitors river basins across the state for water quality. DEQ monitors groundwater quality, and implements strategies to protect this valuable resource in select areas.

DEQ also develops strategies to reduce pollution carried by runoff from urban areas, agriculture, forestry and construction. The agency manages the state Clean Water Revolving Fund, which is one of several programs that provides loans to finance water quality infrastructure and other improvements. The agency also oversees or directly administers septic system permitting and other on-site sewage treatment and disposal systems.

The Water Quality program is funded through a variety of permit fees and revenue agreements, federal grants, Lottery Fund and General Fund.

Land Quality Program. This program is a coordinated group of programs involving materials management, solid and hazardous waste, cleanup of contaminated sites, emergency response, and management of toxic and hazardous chemicals. Land Quality protects human health and the environment by:

- Planning, preparing for, and responding to emergencies involving spills of petroleum products and other hazardous materials, as well as other types of accidental releases of hazardous substances
- Overseeing the cleanup of contaminated lands, ranging from former gas station sites to the Portland Harbor Superfund site
- Producing and using materials more sustainably
- Reducing the use of toxic chemicals and safely managing the generation of waste
- Managing materials and waste to minimize the release of toxics to the air, land and water, and promoting the recovery of valuable materials

Land Quality activities touch upon all environmental media. For example, reducing or avoiding the generation of solid waste helps to reduce greenhouse gas air emissions. Ensuring compliance with landfill requirements prevents hazardous substances from polluting Oregon's rivers and groundwater supplies. Similarly, requiring cleanup of historic pollution ensures people are not exposed to unhealthy concentrations of hazardous substances in the air or in the soil at specific properties, reduces runoff of harmful chemicals to our rivers and streams and protects against the contamination of drinking water supplies. The cleanup of contaminated properties also promotes economic development and enhances local property tax revenue.

The Land Quality program is funded primarily through a variety of other funds, including fees and cost recovery for cleanup work. The program also receives federal funds through grant and cooperative agreements and a small amount of General Fund.

Laboratory and Environmental Assessment Program. DEQ's environmental lab provides accurate, reliable timely, safe and efficient analytical services for assessing the quality of Oregon's environment and protecting Oregonians. The lab prepares scientific reports on water, air and land quality across the state that serve as a key basis for the work of other DEQ and other agency programs. The lab also has a role in homeland security, analyzing unknown chemicals associated with credible terrorist threats. DEQ works closely with the Oregon Public Health Laboratory in conducting analyses and interpreting results. Both labs are co-located in a state-owned facility in Hillsboro.

Office of Compliance and Enforcement. Budgeted in the Air, Water and Land Quality programs and managed through the Office of the Director, OCE supports DEQ regional offices that work with permittees and other regulated parties to maintain compliance with federal and state environmental laws. When non-compliance occurs and a matter is referred to OCE, OCE investigates the matter, and conducts a formal enforcement response when appropriate. Formal enforcement usually includes the assessment of civil penalties, and/or issuance of enforcement orders. In very serious cases, DEQ can refer violations to state or federal authorities for criminal enforcement.

Agency Management. Agency Management provides leadership, fiscal management, central services and technical support to accomplish DEQ's goals and objectives. The Director's Office provides leadership, intra- and inter-agency coordination, Environmental Quality Commission support, review and issue of agency enforcement actions, and legislative liaison functions. The Central Services Division ensures that DEQ satisfies the legal and administrative requirements relating to human resources, organizational development, policy development and implementation, health and safety, budgeting, accounting, information technology and business systems. The Office of Policy and External Affairs directs the development of the agency's legislative agenda, coordinates closely with other agencies and environmental and business stakeholders, manages DEQ's internal and external communications, and is a point of contact for a legislator or other elected officials and their staff to get information about DEQ or the environment. The Office of Outcome-based Management implements, integrates and supports

DEQ's outcome based management system, including alignment at the state level.

CRITERIA FOR 2019-21 BUDGET DEVELOPMENT

DEQ's 2019-21 Agency Request Budget focuses on air and water issues, pollution and waste reduction, and improving infrastructure. When developing its 2019-21 budget request, DEQ considered the following:

- Ensuring that core agency functions critical to protection public health and the environmental are adequately funded
- Input from the Environmental Quality Commission, the public, stakeholders, tribes and regulated entities
- The governor's priorities
- 2017 and 2018 legislative commitments
- Input from the Enterprise Leadership Team and the Natural Resources Cabinet
- Revenue shortfalls and the effect on critical work

PROPOSED LEGISLATION

List of DEQ legislation proposed for 2019:

- LC 462 – Air Quality Enforcement Technical Fix
- LC 463 – Volkswagen Settlement Fund
- LC 464 – Air Quality Title V Fee Increase
- LC 465 – High Hazard Rail
- LC 466 – Drug Take Back (Product Stewardship for Unwanted Medicines)
- LC 467 – Heating Oil Tank Program Fee Increase
- LC 468 – Spill Prevention Fee Increase
- LC 469– Evaluation of Groundwater Quality Protection Act

MAJOR INFORMATION TECHNOLOGY PROJECTS

To provide improved and transparent services to our stakeholders and enhanced business process and practice, DEQ continues to modernize and standardize its business systems infrastructure. We currently have two IT projects anticipated to exceed \$1 million, an environmental data management system and a system for management of the Clean Water State Revolving Fund.

ENVIRONMENTAL DATA MANAGEMENT SYSTEM

DEQ manages environmental data with antiquated and inefficient systems, and as a result, staff experience numerous problems completing some of the agency's core business functions, including those related to permitting, public data requests, and federally mandated data exchange.

As demands on DEQ have increased, agency-wide and program-specific IT systems have not kept pace nor been able to leverage technology advances now available. Some of the most urgent issues and needs regarding DEQ's current portfolio of environmental data systems include aging and difficult to maintain systems; siloed systems that inhibit data sharing; lack of integrated, standardized technology across systems; and lack of support for electronic invoicing and payment. These challenges have resulted in a backlog of permits awaiting issuance, modification, or renewal, as well as DEQ non-compliance with federal electronic reporting requirements.

Modernizing DEQ's core environmental data systems has been a steady process of careful analysis and planning. DEQ has been coordinating closely with the Oregon Department of Administrative Services, the Office of the State Chief Information Officer, Enterprise Security Office and Department of Justice.

DEQ created a high-level business case and achieved Stage Gate 1 for an environmental data management system (EDMS) from Oregon State Chief Information Officer in February of 2017. The 2017 Legislature provided \$750,000 General Fund, and 2018 Legislature provided \$1,083,217 General Fund and \$5,017,357 bonding authority that support DEQ's work on the project work through Stage Gate 3. Further investment in an EDMS will

meet DEQ's clear need for a shared modern technical platform for data management and business process management across the agency. A more up-to-date, integrated system will streamline data sharing and workflows and increase staff productivity. As a result, DEQ could more easily meet regulations, decrease permit backlogs, and provide quicker and more meaningful communication with external stakeholders.

This project:

- Supports Office of the Governor Executive Order 09-10 regarding "Regulatory Streamlining" by creating a single portal whereby electronic reporting to the DEQ will be easily facilitated, allowing multiple programs and divisions to receive reports and documentation (official records) through the same process, and using the same infrastructure.
- Supports Office of the Governor Executive Order 06-02 regarding "Sustainability for the 21st Century" by reducing (with the eventual goal of eliminating) paper report and document submittals by regulated entities. Some reports include more than 100 pages of information, and sometimes multiple copies are required.
- Aligns with the Governor's priority, "[Responsible Environmental Stewardship](#)". Oregon's natural environment is not only beautiful, it is essential to our economy and quality of life.
- This project would also prepare DEQ for implementation of new rules proposed by the governor as part of the Cleaner Air Oregon plan by establishing an efficient framework for environmental permitting and reporting. DEQ could easily enhance the EDMS to support new requirements, rather than trying to expand environmental regulations while still relying on dated systems and inefficient processes.

For additional information on this project, see the full business plan in the Special Reports section.

CLEAN WATER STATE REVOLVING FUND SYSTEM

DEQ implements the federal Clean Water State Revolving Fund (CWSRF) loan program, which provides below-market rate loans for the planning, design and construction of various water pollution control activities. Eligible borrowers must be public agencies, which includes tribal nations, cities, counties, sanitary districts, soil, water conservation, irrigation and various special districts, and certain intergovernmental entities. In Oregon, the CWSRF program has assisted 194 communities, financing over \$1.26 billion for pollution control projects since 1989.

DEQ's CWSRF program currently has 11 FTE who manage about \$80 million in loan agreements annually and a portfolio of close to \$750 million. The program's two loan specialists rely on 36 spreadsheets and two Microsoft Access databases to manage the financial data and ensure that the program meets federal requirements.

Managing the portfolio with spreadsheets and databases is inefficient, complex and labor intensive. The business processes result in a redundant data entry for many data fields, high potential for data entry errors and data security concerns. The use of spreadsheets and databases slows down the loan process, meaning that public agencies don't receive funding as quickly as needed.

DEQ seeks a commercial off-the-shelf system to manage the CWSRF portfolio and meet business needs. The goals are to implement a reliable system that will accurately manage program financial data, improve data security, increase efficiency, interact with State of Oregon and DEQ accounting systems, allow for customers to access data, and improve overall customer service.

This project aligns with the governor's priorities Healthy and Safe Communities, Responsible Environmental Stewardship and A Thriving Statewide Economy. It also supports DEQ priorities to efficiently and responsibly meet environmental standards and emerging needs, and to enhance information security for the agency.

DEQ is coordinating closely with the Oregon Department of Administrative Services and the Office of the State Chief Information Officer towards Stage Gate 1 approval. In addition, DEQ is analyzing

current CWSRF loan applications, data management instruments and business processes as a basis to defining requirements for software system. Pursuing modern CWSRF software supports many of DEQ's values and IRM strategic goals. The CWSRF program has funds for the procurement and maintenance of a COTS system in their administrative fund, which is funded by loan fees. DEQ does not need General Fund for this project.

For additional information on this project, see the full business plan in the Special Reports section.

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Environmental Quality, Dept of
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-000-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	745	723.89	379,159,299	44,629,011	4,610,577	169,639,110	28,593,914	131,686,687	-
2017-19 Emergency Boards	23	11.57	29,767,306	3,748,639	122,134	25,223,922	672,611	-	-
2017-19 Leg Approved Budget	768	735.46	408,926,605	48,377,650	4,732,711	194,863,032	29,266,525	131,686,687	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	(33)	(8.62)	4,747,999	530,666	311,451	3,620,370	285,512	-	-
Estimated Cost of Merit Increase			-	-	-	-	-	-	-
Base Debt Service Adjustment			(8,928,274)	1,031,283	-	-	-	(9,959,557)	-
Base Nonlimited Adjustment			16,301,200	-	-	-	-	16,301,200	-
Capital Construction			-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	735	726.84	421,047,530	49,939,599	5,044,162	198,483,402	29,552,037	138,028,330	-
Essential Packages									
010 - Non-PICS Pers Svc/Vacancy Factor									
Vacancy Factor (Increase)/Decrease	-	-	3,577,076	524,295	65,688	2,539,468	447,625	-	-
Non-PICS Personal Service Increase/(Decrease)	-	-	604,458	112,038	19,806	430,048	42,566	-	-
Subtotal	-	-	4,181,534	636,333	85,494	2,969,516	490,191	-	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	484,258	248,900	71,145	164,213	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	(7,229,522)	(3,216,580)	-	(3,686,404)	(326,538)	-	-
Subtotal	-	-	(6,745,264)	(2,967,680)	71,145	(3,522,191)	(326,538)	-	-
030 - Inflation & Price List Adjustments									
Cost of Goods & Services Increase/(Decrease)	-	-	4,297,851	1,068,540	131,614	2,668,663	429,034	-	-
State Gov't & Services Charges Increase/(Decrease)			1,886,741	-	-	1,886,741	-	-	-

Summary of 2019-21 Biennium Budget

Environmental Quality, Dept of
 Environmental Quality, Dept of
 2019-21 Biennium

Governor's Budget
 Cross Reference Number: 34000-000-00-00-00000

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal	-	-	6,184,592	1,068,540	131,614	4,555,404	429,034	-	-
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	-	-	-	-	-	-	-	-	-
Subtotal: 2019-21 Current Service Level	735	726.84	424,668,392	48,676,792	5,332,415	202,486,131	30,144,724	138,028,330	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Environmental Quality, Dept of
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-000-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	735	726.84	424,668,392	48,676,792	5,332,415	202,486,131	30,144,724	138,028,330	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	(12)	(12.00)	(2,290,191)	-	-	(1,616,810)	(673,381)	-	-
Modified 2019-21 Current Service Level	723	714.84	422,378,201	48,676,792	5,332,415	200,869,321	29,471,343	138,028,330	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	(8)	(8.00)	(2,788,199)	(2,783,724)	(4,475)	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	(922,915)	(202,600)	-	(720,315)	-	-	-
092 - Statewide AG Adjustment	-	-	(206,697)	(42,355)	(5,726)	(149,070)	(9,546)	-	-
501 - ODOE to OCA Agency Transition	(4)	(4.00)	(932,120)	-	-	(932,120)	-	-	-
111 - Oversee Electric Vehicle Rebate Program	1	1.00	5,749,259	-	-	5,749,259	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	9	4.50	903,575	-	-	903,575	-	-	-
118 - Maintain Effective Vehicle Inspection Service	8	8.00	1,454,686	-	-	1,454,686	-	-	-
119 - Implement Air Toxics Permitting Program	11	11.00	2,581,253	-	-	2,581,253	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Environmental Quality, Dept of
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**Governor's Budget
Cross Reference Number: 34000-000-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	1	0.88	169,392	-	-	169,392	-	-	-
126 - Klamath Basin Water Quality Improvements	3	2.51	640,412	640,412	-	-	-	-	-
127 - Water Quality Permit Program Improvements	27	19.80	4,577,262	2,876,498	-	1,700,764	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	1	1.00	224,097	-	-	224,097	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	2	2.00	534,400	-	-	534,400	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	2	2.00	604,559	604,559	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	3	3.00	3,147,316	-	-	3,147,316	-	-	-
140 - Electronic Data Management System Projects	7	7.00	5,123,293	-	-	5,123,293	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	1	1.00	285,277	154,715	-	130,562	-	-	-
144 - Environmental Justice	1	1.00	295,569	160,364	-	135,205	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	250,000	250,000	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	500,000	-	-	500,000	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	65,000	-	-	-	-	65,000	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	30,150,000	-	-	-	-	30,150,000	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
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**Governor's Budget
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<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	834,752	834,752	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	10,020,000	-	-	-	-	10,020,000	-
Subtotal Policy Packages	65	52.69	63,260,171	2,492,621	(10,201)	20,552,297	(9,546)	40,235,000	-
Total 2019-21 Governor's Budget	788	767.53	485,638,372	51,169,413	5,322,214	221,421,618	29,461,797	178,263,330	-
Percentage Change From 2017-19 Leg Approved Budget	2.60%	4.36%	18.76%	5.77%	12.46%	13.63%	0.67%	35.37%	-
Percentage Change From 2019-21 Current Service Level	7.21%	5.60%	14.36%	5.12%	-0.19%	9.35%	-2.27%	29.15%	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
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<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	241	231.61	76,789,382	13,399,383	-	53,323,301	10,066,698	-	-
2017-19 Emergency Boards	17	8.19	22,143,686	1,270,996	-	20,739,482	133,208	-	-
2017-19 Leg Approved Budget	258	239.80	98,933,068	14,670,379	-	74,062,783	10,199,906	-	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	(13)	(0.15)	2,099,245	1,267,603	-	745,808	85,834	-	-
Estimated Cost of Merit Increase			-	-	-	-	-	-	-
Base Debt Service Adjustment			-	-	-	-	-	-	-
Base Nonlimited Adjustment			-	-	-	-	-	-	-
Capital Construction			-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	245	239.65	101,032,313	15,937,982	-	74,808,591	10,285,740	-	-
Essential Packages									
010 - Non-PICS Pers Svc/Vacancy Factor									
Vacancy Factor (Increase)/Decrease	-	-	1,025,311	112,239	-	800,090	112,982	-	-
Non-PICS Personal Service Increase/(Decrease)	-	-	227,963	83,562	-	125,476	18,925	-	-
Subtotal	-	-	1,253,274	195,801	-	925,566	131,907	-	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	388,900	248,900	-	140,000	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	(2,155,334)	(1,188,092)	-	(640,704)	(326,538)	-	-
Subtotal	-	-	(1,766,434)	(939,192)	-	(500,704)	(326,538)	-	-
030 - Inflation & Price List Adjustments									
Cost of Goods & Services Increase/(Decrease)	-	-	1,534,984	462,367	-	898,610	174,007	-	-
Subtotal	-	-	1,534,984	462,367	-	898,610	174,007	-	-

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**Environmental Quality, Dept of
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<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	1	1.00	262,532	-	-	262,532	-	-	-
Subtotal: 2019-21 Current Service Level	246	240.65	102,316,669	15,656,958	-	76,394,595	10,265,116	-	-

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**Environmental Quality, Dept of
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<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	246	240.65	102,316,669	15,656,958	-	76,394,595	10,265,116	-	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	(8)	(8.00)	(1,383,610)	-	-	(1,383,610)	-	-	-
Modified 2019-21 Current Service Level	238	232.65	100,933,059	15,656,958	-	75,010,985	10,265,116	-	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	(2)	(2.00)	(815,941)	(815,941)	-	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	(193,582)	(79,368)	-	(114,214)	-	-	-
092 - Statewide AG Adjustment	-	-	(57,337)	(19,614)	-	(34,590)	(3,133)	-	-
501 - ODOE to OCA Agency Transition	(4)	(4.00)	(932,120)	-	-	(932,120)	-	-	-
111 - Oversee Electric Vehicle Rebate Program	1	1.00	5,749,259	-	-	5,749,259	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	9	4.50	903,575	-	-	903,575	-	-	-
118 - Maintain Effective Vehicle Inspection Service	8	8.00	1,454,686	-	-	1,454,686	-	-	-
119 - Implement Air Toxics Permitting Program	11	11.00	2,581,253	-	-	2,581,253	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

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Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	-	-	-	-	-	-	-	-	-
126 - Klamath Basin Water Quality Improvements	-	-	-	-	-	-	-	-	-
127 - Water Quality Permit Program Improvements	-	-	-	-	-	-	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	-	-	-	-	-	-	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	-	-	-	-	-	-	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	-	-	-	-	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	-	-	-	-	-	-	-	-	-
140 - Electronic Data Management System Projects	-	-	-	-	-	-	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	-	-	-	-	-	-	-	-	-
144 - Environmental Justice	-	-	-	-	-	-	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	-	-	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	-	-	-	-	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	-	-	-	-	-	-	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	-	-	-	-	-	-	-

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**Environmental Quality, Dept of
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<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	-	-	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	-	-	-	-	-	-	-
Subtotal Policy Packages	23	18.50	8,689,793	(914,923)	-	9,607,849	(3,133)	-	-
Total 2019-21 Governor's Budget	261	251.15	109,622,852	14,742,035	-	84,618,834	10,261,983	-	-
Percentage Change From 2017-19 Leg Approved Budget	1.16%	4.73%	10.81%	0.49%	-	14.25%	0.61%	-	-
Percentage Change From 2019-21 Current Service Level	6.10%	4.36%	7.14%	-5.84%	-	10.77%	-0.03%	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
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**Governor's Budget
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	230	218.75	66,009,171	25,538,818	4,610,577	24,538,164	11,321,612	-	-
2017-19 Emergency Boards	-	-	1,367,149	499,137	122,134	282,389	463,489	-	-
2017-19 Leg Approved Budget	230	218.75	67,376,320	26,037,955	4,732,711	24,820,553	11,785,101	-	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	(6)	(0.69)	1,737,117	534,685	311,451	735,166	155,815	-	-
Estimated Cost of Merit Increase			-	-	-	-	-	-	-
Base Debt Service Adjustment			-	-	-	-	-	-	-
Base Nonlimited Adjustment			-	-	-	-	-	-	-
Capital Construction			-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	224	218.06	69,113,437	26,572,640	5,044,162	25,555,719	11,940,916	-	-
Essential Packages									
010 - Non-PICS Pers Svc/Vacancy Factor									
Vacancy Factor (Increase)/Decrease	-	-	1,145,037	397,819	65,688	477,764	203,766	-	-
Non-PICS Personal Service Increase/(Decrease)	-	-	176,149	48,238	19,806	93,515	14,590	-	-
Subtotal	-	-	1,321,186	446,057	85,494	571,279	218,356	-	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	95,358	-	71,145	24,213	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	(1,536,650)	(1,500,000)	-	(36,650)	-	-	-
Subtotal	-	-	(1,441,292)	(1,500,000)	71,145	(12,437)	-	-	-
030 - Inflation & Price List Adjustments									
Cost of Goods & Services Increase/(Decrease)	-	-	1,125,791	587,818	131,614	236,907	169,452	-	-
Subtotal	-	-	1,125,791	587,818	131,614	236,907	169,452	-	-

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040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	-	-	-	-	-	-	-	-	-
Subtotal: 2019-21 Current Service Level	224	218.06	70,119,122	26,106,515	5,332,415	26,351,468	12,328,724	-	-

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Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	224	218.06	70,119,122	26,106,515	5,332,415	26,351,468	12,328,724	-	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	(4)	(4.00)	(906,581)	-	-	(233,200)	(673,381)	-	-
Modified 2019-21 Current Service Level	220	214.06	69,212,541	26,106,515	5,332,415	26,118,268	11,655,343	-	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	(6)	(6.00)	(1,929,454)	(1,924,979)	(4,475)	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	(163,314)	(110,734)	-	(52,580)	-	-	-
092 - Statewide AG Adjustment	-	-	(64,984)	(22,741)	(5,726)	(33,539)	(2,978)	-	-
501 - ODOE to OCA Agency Transition	-	-	-	-	-	-	-	-	-
111 - Oversee Electric Vehicle Rebate Program	-	-	-	-	-	-	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	-	-	-	-	-	-	-	-	-
118 - Maintain Effective Vehicle Inspection Service	-	-	-	-	-	-	-	-	-
119 - Implement Air Toxics Permitting Program	-	-	-	-	-	-	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

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**Environmental Quality, Dept of
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Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	1	0.88	169,392	-	-	169,392	-	-	-
126 - Klamath Basin Water Quality Improvements	3	2.51	640,412	640,412	-	-	-	-	-
127 - Water Quality Permit Program Improvements	27	19.80	4,577,262	2,876,498	-	1,700,764	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	-	-	-	-	-	-	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	-	-	-	-	-	-	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	-	-	-	-	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	-	-	-	-	-	-	-	-	-
140 - Electronic Data Management System Projects	-	-	-	-	-	-	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	-	-	-	-	-	-	-	-	-
144 - Environmental Justice	-	-	-	-	-	-	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	250,000	250,000	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	500,000	-	-	500,000	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	-	-	-	-	-	-	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Water Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	-	-	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	-	-	-	-	-	-	-
Subtotal Policy Packages	25	17.19	3,979,314	1,708,456	(10,201)	2,284,037	(2,978)	-	-
Total 2019-21 Governor's Budget	245	231.25	73,191,855	27,814,971	5,322,214	28,402,305	11,652,365	-	-
Percentage Change From 2017-19 Leg Approved Budget	6.52%	5.71%	8.63%	6.82%	12.46%	14.43%	-1.13%	-	-
Percentage Change From 2019-21 Current Service Level	9.38%	6.05%	4.38%	6.54%	-0.19%	7.78%	-5.49%	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Land Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	186	189.10	73,548,771	1,115,830	-	65,227,337	7,205,604	-	-
2017-19 Emergency Boards	-	-	916,097	39,660	-	800,523	75,914	-	-
2017-19 Leg Approved Budget	186	189.10	74,464,868	1,155,490	-	66,027,860	7,281,518	-	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	(1)	(0.25)	1,457,497	79,121	-	1,334,513	43,863	-	-
Estimated Cost of Merit Increase			-	-	-	-	-	-	-
Base Debt Service Adjustment			-	-	-	-	-	-	-
Base Nonlimited Adjustment			-	-	-	-	-	-	-
Capital Construction			-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	185	188.85	75,922,365	1,234,611	-	67,362,373	7,325,381	-	-
Essential Packages									
010 - Non-PICS Pers Svc/Vacancy Factor									
Vacancy Factor (Increase)/Decrease	-	-	988,683	14,237	-	843,569	130,877	-	-
Non-PICS Personal Service Increase/(Decrease)	-	-	144,786	5,986	-	129,749	9,051	-	-
Subtotal	-	-	1,133,469	20,223	-	973,318	139,928	-	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	-	-	-	-	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	(50,000)	(50,000)	-	-	-	-	-
Subtotal	-	-	(50,000)	(50,000)	-	-	-	-	-
030 - Inflation & Price List Adjustments									
Cost of Goods & Services Increase/(Decrease)	-	-	1,441,683	18,355	-	1,337,753	85,575	-	-
Subtotal	-	-	1,441,683	18,355	-	1,337,753	85,575	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Land Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	(1)	(1.00)	(262,532)	-	-	(262,532)	-	-	-
Subtotal: 2019-21 Current Service Level	184	187.85	78,184,985	1,223,189	-	69,410,912	7,550,884	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Land Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	184	187.85	78,184,985	1,223,189	-	69,410,912	7,550,884	-	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	-	-	-	-	-	-	-	-	-
Modified 2019-21 Current Service Level	184	187.85	78,184,985	1,223,189	-	69,410,912	7,550,884	-	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	-	-	(42,804)	(42,804)	-	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	(95,958)	(12,498)	-	(83,460)	-	-	-
092 - Statewide AG Adjustment	-	-	(75,747)	-	-	(72,312)	(3,435)	-	-
501 - ODOE to OCA Agency Transition	-	-	-	-	-	-	-	-	-
111 - Oversee Electric Vehicle Rebate Program	-	-	-	-	-	-	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	-	-	-	-	-	-	-	-	-
118 - Maintain Effective Vehicle Inspection Service	-	-	-	-	-	-	-	-	-
119 - Implement Air Toxics Permitting Program	-	-	-	-	-	-	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Land Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	-	-	-	-	-	-	-	-	-
126 - Klamath Basin Water Quality Improvements	-	-	-	-	-	-	-	-	-
127 - Water Quality Permit Program Improvements	-	-	-	-	-	-	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	1	1.00	224,097	-	-	224,097	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	2	2.00	534,400	-	-	534,400	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	2	2.00	604,559	604,559	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	3	3.00	3,147,316	-	-	3,147,316	-	-	-
140 - Electronic Data Management System Projects	-	-	-	-	-	-	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	-	-	-	-	-	-	-	-	-
144 - Environmental Justice	-	-	-	-	-	-	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	-	-	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	-	-	-	-	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	-	-	-	-	-	-	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Land Quality
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	-	-	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	-	-	-	-	-	-	-
Subtotal Policy Packages	8	8.00	4,295,863	549,257	-	3,750,041	(3,435)	-	-
Total 2019-21 Governor's Budget	192	195.85	82,480,848	1,772,446	-	73,160,953	7,547,449	-	-
Percentage Change From 2017-19 Leg Approved Budget	3.23%	3.57%	10.76%	53.39%	-	10.80%	3.65%	-	-
Percentage Change From 2019-21 Current Service Level	4.35%	4.26%	5.49%	44.90%	-	5.40%	-0.05%	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Agency Management
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	88	84.43	27,300,308	750,000	-	26,550,308	-	-	-
2017-19 Emergency Boards	6	3.38	4,506,507	1,104,979	-	3,401,528	-	-	-
2017-19 Leg Approved Budget	94	87.81	31,806,815	1,854,979	-	29,951,836	-	-	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	(13)	(7.53)	(545,860)	(1,350,743)	-	804,883	-	-	-
Estimated Cost of Merit Increase			-	-	-	-	-	-	-
Base Debt Service Adjustment			-	-	-	-	-	-	-
Base Nonlimited Adjustment			-	-	-	-	-	-	-
Capital Construction			-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	81	80.28	31,260,955	504,236	-	30,756,719	-	-	-
Essential Packages									
010 - Non-PICS Pers Svc/Vacancy Factor									
Vacancy Factor (Increase)/Decrease	-	-	418,045	-	-	418,045	-	-	-
Non-PICS Personal Service Increase/(Decrease)	-	-	55,560	(25,748)	-	81,308	-	-	-
Subtotal	-	-	473,605	(25,748)	-	499,353	-	-	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	-	-	-	-	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	(3,487,538)	(478,488)	-	(3,009,050)	-	-	-
Subtotal	-	-	(3,487,538)	(478,488)	-	(3,009,050)	-	-	-
030 - Inflation & Price List Adjustments									
Cost of Goods & Services Increase/(Decrease)	-	-	195,393	-	-	195,393	-	-	-
State Gov't & Services Charges Increase/(Decrease)			1,886,741	-	-	1,886,741	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Agency Management
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal	-	-	2,082,134	-	-	2,082,134	-	-	-
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	-	-	-	-	-	-	-	-	-
Subtotal: 2019-21 Current Service Level	81	80.28	30,329,156	-	-	30,329,156	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Agency Management
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	81	80.28	30,329,156	-	-	30,329,156	-	-	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	-	-	-	-	-	-	-	-	-
Modified 2019-21 Current Service Level	81	80.28	30,329,156	-	-	30,329,156	-	-	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	-	-	-	-	-	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	(470,061)	-	-	(470,061)	-	-	-
092 - Statewide AG Adjustment	-	-	(8,629)	-	-	(8,629)	-	-	-
501 - ODOE to OCA Agency Transition	-	-	-	-	-	-	-	-	-
111 - Oversee Electric Vehicle Rebate Program	-	-	-	-	-	-	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	-	-	-	-	-	-	-	-	-
118 - Maintain Effective Vehicle Inspection Service	-	-	-	-	-	-	-	-	-
119 - Implement Air Toxics Permitting Program	-	-	-	-	-	-	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Agency Management
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	-	-	-	-	-	-	-	-	-
126 - Klamath Basin Water Quality Improvements	-	-	-	-	-	-	-	-	-
127 - Water Quality Permit Program Improvements	-	-	-	-	-	-	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	-	-	-	-	-	-	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	-	-	-	-	-	-	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	-	-	-	-	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	-	-	-	-	-	-	-	-	-
140 - Electronic Data Management System Projects	7	7.00	5,123,293	-	-	5,123,293	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	1	1.00	285,277	154,715	-	130,562	-	-	-
144 - Environmental Justice	1	1.00	295,569	160,364	-	135,205	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	-	-	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	-	-	-	-	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	-	-	-	-	-	-	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Agency Management
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	-	-	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	-	-	-	-	-	-	-
Subtotal Policy Packages	9	9.00	5,225,449	315,079	-	4,910,370	-	-	-
Total 2019-21 Governor's Budget	90	89.28	35,554,605	315,079	-	35,239,526	-	-	-
Percentage Change From 2017-19 Leg Approved Budget	-4.26%	1.67%	11.78%	-83.01%	-	17.65%	-	-	-
Percentage Change From 2019-21 Current Service Level	11.11%	11.21%	17.23%	-	-	16.19%	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Non-Limited
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-008-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	-	-	115,898,800	-	-	-	-	115,898,800	-
2017-19 Emergency Boards	-	-	-	-	-	-	-	-	-
2017-19 Leg Approved Budget	-	-	115,898,800	-	-	-	-	115,898,800	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	-	-	-	-	-	-	-	-	-
Estimated Cost of Merit Increase	-	-	-	-	-	-	-	-	-
Base Debt Service Adjustment	-	-	-	-	-	-	-	-	-
Base Nonlimited Adjustment	-	-	16,301,200	-	-	-	-	16,301,200	-
Capital Construction	-	-	-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	-	-	132,200,000	-	-	-	-	132,200,000	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	-	-	-	-	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	-	-	-	-	-	-	-	-	-
Subtotal: 2019-21 Current Service Level	-	-	132,200,000	-	-	-	-	132,200,000	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Non-Limited
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-008-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	-	-	132,200,000	-	-	-	-	132,200,000	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	-	-	-	-	-	-	-	-	-
Modified 2019-21 Current Service Level	-	-	132,200,000	-	-	-	-	132,200,000	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	-	-	-	-	-	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	-	-	-	-	-	-	-
092 - Statewide AG Adjustment	-	-	-	-	-	-	-	-	-
501 - ODOE to OCA Agency Transition	-	-	-	-	-	-	-	-	-
111 - Oversee Electric Vehicle Rebate Program	-	-	-	-	-	-	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	-	-	-	-	-	-	-	-	-
118 - Maintain Effective Vehicle Inspection Service	-	-	-	-	-	-	-	-	-
119 - Implement Air Toxics Permitting Program	-	-	-	-	-	-	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Non-Limited
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-008-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	-	-	-	-	-	-	-	-	-
126 - Klamath Basin Water Quality Improvements	-	-	-	-	-	-	-	-	-
127 - Water Quality Permit Program Improvements	-	-	-	-	-	-	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	-	-	-	-	-	-	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	-	-	-	-	-	-	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	-	-	-	-	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	-	-	-	-	-	-	-	-	-
140 - Electronic Data Management System Projects	-	-	-	-	-	-	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	-	-	-	-	-	-	-	-	-
144 - Environmental Justice	-	-	-	-	-	-	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	-	-	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	-	-	-	-	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	65,000	-	-	-	-	65,000	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	30,150,000	-	-	-	-	30,150,000	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
Non-Limited
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-008-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	-	-	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	-	-	-	-	-	-	-
Subtotal Policy Packages	-	-	30,215,000	-	-	-	-	30,215,000	-
Total 2019-21 Governor's Budget	-	-	162,415,000	-	-	-	-	162,415,000	-
Percentage Change From 2017-19 Leg Approved Budget	-	-	40.14%	-	-	-	-	40.14%	-
Percentage Change From 2019-21 Current Service Level	-	-	22.86%	-	-	-	-	22.86%	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
PCBF Debt Service
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-009-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
2017-19 Leg Adopted Budget	-	-	19,612,867	3,824,980	-	-	-	15,787,887	-
2017-19 Emergency Boards	-	-	833,867	833,867	-	-	-	-	-
2017-19 Leg Approved Budget	-	-	20,446,734	4,658,847	-	-	-	15,787,887	-
2019-21 Base Budget Adjustments									
Net Cost of Position Actions									
Administrative Biennialized E-Board, Phase-Out	-	-	-	-	-	-	-	-	-
Estimated Cost of Merit Increase	-	-	-	-	-	-	-	-	-
Base Debt Service Adjustment	-	-	(8,928,274)	1,031,283	-	-	-	(9,959,557)	-
Base Nonlimited Adjustment	-	-	-	-	-	-	-	-	-
Capital Construction	-	-	-	-	-	-	-	-	-
Subtotal 2019-21 Base Budget	-	-	11,518,460	5,690,130	-	-	-	5,828,330	-
020 - Phase In / Out Pgm & One-time Cost									
021 - Phase - In	-	-	-	-	-	-	-	-	-
022 - Phase-out Pgm & One-time Costs	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-
040 - Mandated Caseload									
040 - Mandated Caseload	-	-	-	-	-	-	-	-	-
050 - Fundshifts and Revenue Reductions									
050 - Fundshifts	-	-	-	-	-	-	-	-	-
060 - Technical Adjustments									
060 - Technical Adjustments	-	-	-	-	-	-	-	-	-
Subtotal: 2019-21 Current Service Level	-	-	11,518,460	5,690,130	-	-	-	5,828,330	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
PCBF Debt Service
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-009-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
Subtotal: 2019-21 Current Service Level	-	-	11,518,460	5,690,130	-	-	-	5,828,330	-
070 - Revenue Reductions/Shortfall									
070 - Revenue Shortfalls	-	-	-	-	-	-	-	-	-
Modified 2019-21 Current Service Level	-	-	11,518,460	5,690,130	-	-	-	5,828,330	-
080 - E-Boards									
080 - May 2018 E-Board	-	-	-	-	-	-	-	-	-
Subtotal Emergency Board Packages	-	-	-	-	-	-	-	-	-
Policy Packages									
081 - September 2018 Emergency Board	-	-	-	-	-	-	-	-	-
090 - Analyst Adjustments	-	-	-	-	-	-	-	-	-
091 - Statewide Adjustment DAS Chgs	-	-	-	-	-	-	-	-	-
092 - Statewide AG Adjustment	-	-	-	-	-	-	-	-	-
501 - ODOE to OCA Agency Transition	-	-	-	-	-	-	-	-	-
111 - Oversee Electric Vehicle Rebate Program	-	-	-	-	-	-	-	-	-
114 - Reduce Wood Smoke Pollution	-	-	-	-	-	-	-	-	-
116 - Eliminate the Air Quality Backlog	-	-	-	-	-	-	-	-	-
118 - Maintain Effective Vehicle Inspection Service	-	-	-	-	-	-	-	-	-
119 - Implement Air Toxics Permitting Program	-	-	-	-	-	-	-	-	-
120 - Minimize Impacts from Urban & Hwy Stormwater	-	-	-	-	-	-	-	-	-
121 - Ensure Protective Onsite Septic Systems	-	-	-	-	-	-	-	-	-
122 - Setting and Implementing WQ Standards	-	-	-	-	-	-	-	-	-
123 - Harmful Algae Bloom Response and Assessment	-	-	-	-	-	-	-	-	-
124 - Integrated Water Resources Strategy	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
PCBF Debt Service
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-009-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
125 - Effectively Managing the CWSRF Loan Portfolio	-	-	-	-	-	-	-	-	-
126 - Klamath Basin Water Quality Improvements	-	-	-	-	-	-	-	-	-
127 - Water Quality Permit Program Improvements	-	-	-	-	-	-	-	-	-
128 - Improving Water Quality Outcomes	-	-	-	-	-	-	-	-	-
129 - Developing and Implementing Clean Water Plans	-	-	-	-	-	-	-	-	-
130 - Statewide Collection of Unwanted Medication	-	-	-	-	-	-	-	-	-
131 - Maintain Heating Oil Tank Program	-	-	-	-	-	-	-	-	-
132 - Maintain and Enhance Oil Spill Prevention	-	-	-	-	-	-	-	-	-
133 - Safe Transport of Hazardous Materials by Rail	-	-	-	-	-	-	-	-	-
134 - Statewide Emerg. Spill Response/Preparedness	-	-	-	-	-	-	-	-	-
136 - Solid Waste Orphan Site Cleanups	-	-	-	-	-	-	-	-	-
140 - Electronic Data Management System Projects	-	-	-	-	-	-	-	-	-
141 - Agency Technology Infrastructure	-	-	-	-	-	-	-	-	-
142 - Additional Support Staff Agency	-	-	-	-	-	-	-	-	-
143 - Agency Auditor	-	-	-	-	-	-	-	-	-
144 - Environmental Justice	-	-	-	-	-	-	-	-	-
160 - Onsite Septic System Loan Program	-	-	-	-	-	-	-	-	-
161 - Identify and Meet Water Infrastructure Needs	-	-	-	-	-	-	-	-	-
162 - Technical Assistance to Smaller Communities	-	-	-	-	-	-	-	-	-
163 - Clean Water SRF Loan Management Software	-	-	-	-	-	-	-	-	-
164 - Lab Equipment and Asset Management Plan	-	-	-	-	-	-	-	-	-
170 - DEQ Reorganization Improve Alignment / Outcomes	-	-	-	-	-	-	-	-	-
180 - Electronic Data Management System Bonds	-	-	-	-	-	-	-	-	-
181 - Clean Water SRF Capitalization Loans & Bonds	-	-	-	-	-	-	-	-	-

Summary of 2019-21 Biennium Budget

**Environmental Quality, Dept of
PCBF Debt Service
2019-21 Biennium**

**Governor's Budget
Cross Reference Number: 34000-009-00-00-00000**

<i>Description</i>	<i>Positions</i>	<i>Full-Time Equivalent (FTE)</i>	<i>ALL FUNDS</i>	<i>General Fund</i>	<i>Lottery Funds</i>	<i>Other Funds</i>	<i>Federal Funds</i>	<i>Nonlimited Other Funds</i>	<i>Nonlimited Federal Funds</i>
182 - Revenue Transfer - Clean Water SRF Loan Funds	-	-	-	-	-	-	-	-	-
190 - Electronic Data Management System Debt Serv	-	-	834,752	834,752	-	-	-	-	-
191 - Clean Water SRF Bond Debt Service	-	-	10,020,000	-	-	-	-	10,020,000	-
Subtotal Policy Packages	-	-	10,854,752	834,752	-	-	-	10,020,000	-
Total 2019-21 Governor's Budget	-	-	22,373,212	6,524,882	-	-	-	15,848,330	-
Percentage Change From 2017-19 Leg Approved Budget	-	-	9.42%	40.05%	-	-	-	0.38%	-
Percentage Change From 2019-21 Current Service Level	-	-	94.24%	14.67%	-	-	-	171.92%	-

Summary Cross Reference Number	Cross Reference Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
001-00-00-00000	Air Quality						
	General Fund	9,399,373	13,399,383	14,670,379	16,484,783	14,742,035	-
	Other Funds	38,558,157	53,323,301	74,062,783	85,699,758	84,618,834	-
	Federal Funds	6,875,001	10,066,698	10,199,906	10,265,116	10,261,983	-
	All Funds	54,832,531	76,789,382	98,933,068	112,449,657	109,622,852	-
002-00-00-00000	Water Quality						
	General Fund	23,933,594	25,538,818	26,037,955	38,431,138	27,814,971	-
	Lottery Funds	4,084,180	4,610,577	4,732,711	5,332,415	5,322,214	-
	Other Funds	21,179,764	24,538,164	24,820,553	32,664,525	28,402,305	-
	Federal Funds	9,237,841	11,321,612	11,785,101	11,655,343	11,652,365	-
	All Funds	58,435,379	66,009,171	67,376,320	88,083,421	73,191,855	-
003-00-00-00000	Land Quality						
	General Fund	1,014,990	1,115,830	1,155,490	1,997,272	1,772,446	-
	Other Funds	47,994,336	65,227,337	66,027,860	73,578,633	73,160,953	-
	Federal Funds	6,156,069	7,205,604	7,281,518	7,550,884	7,547,449	-
	All Funds	55,165,395	73,548,771	74,464,868	83,126,789	82,480,848	-
004-00-00-00000	Agency Management						
	General Fund	-	750,000	1,854,979	945,079	315,079	-
	Other Funds	22,257,449	26,550,308	29,951,836	37,641,121	35,239,526	-
	All Funds	22,257,449	27,300,308	31,806,815	38,586,200	35,554,605	-

Summary Cross Reference Number	Cross Reference Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
008-00-00-00000	Non-Limited						
	Other Funds	88,733,024	115,898,800	115,898,800	162,415,000	162,415,000	-
009-00-00-00000	PCBF Debt Service						
	General Fund	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
	Other Funds	18,610,707	15,787,887	15,787,887	15,848,330	15,848,330	-
	All Funds	22,425,773	19,612,867	20,446,734	22,373,212	22,373,212	-
TOTAL AGENCY							
	General Fund	38,163,023	44,629,011	48,377,650	64,383,154	51,169,413	-
	Lottery Funds	4,084,180	4,610,577	4,732,711	5,332,415	5,322,214	-
	Other Funds	237,333,437	301,325,797	326,549,719	407,847,367	399,684,948	-
	Federal Funds	22,268,911	28,593,914	29,266,525	29,471,343	29,461,797	-
	All Funds	301,849,551	379,159,299	408,926,605	507,034,279	485,638,372	-

Department of Environmental Quality																			Agency Number:		34000	
2017 - 2019 Biennium																						
Department-Wide Priorities for 2017-19 Biennium																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Priority (ranked with highest priority first)	Dept. Initials	Program or Activity Initials	Program Unit/Activity Description	Identify Key Performance Measure(s)	Primary Purpose Program-Activity Code	GF	LF	OF	NL-OF	FF	NL-FF	TOTAL FUNDS	Pos.	FTE	New or Enhanced Program (Y/N)	Included as Reduction Option (Y/N)	Legal Req. Code (C, D, FM, FO, S)	Legal Citation	Explain What is Mandatory (for C, FM, and FO Only)	Comments on Proposed Changes to CSL included in Agency Request		
Dept	Prgm/ Div																					
1	1	DEQ	Air Quality Area, Toxics	DEQ monitors the air to identify areas that exceed or are close to exceeding federal standards for particulate, ozone and toxic air pollutants that cause serious health problems. Air pollutants come from small sources (such as woodstoves, open burning, fuel distribution and combustion, consumer product use, commercial solvent use and asbestos) as well as industrial sources. These sources also emit greenhouse gases that contribute to climate change. DEQ develops and implements clean air plans and pollution reduction strategies for all sources to meet federal standards and reduce air toxics. Currently, DEQ, in coordination with Oregon Health Authority, is developing new regulations known as Cleaner Air Oregon that will set limits on air emissions from industrial sources based on risks to human health.	34000-08,09,10 (OBM#75,76)	9	15,651,358	-	47,774,539	-	9,770,382	\$ 73,196,280	107	101.62	Y	Y	FM	Federal Clean Air Act, 42 USC sections 7401 et seq; ORS 468A	Under the Clean Air Act, EPA sets air quality standards to protect public health. States are required to monitor air quality within their jurisdictions and use the data to determine if areas meet the standards. If standards are not met, states are required to develop State Implementation Plans to attain and maintain air quality standards. SIPs must include programs to enforce the state's air quality rules and must be continuously updated to address new requirements and reflect current air quality conditions. Oregon has delegated authority from EPA, and the Environmental Quality Commission formally approves each SIP.	ARB Reductions: none ARB Additions (Policy Pkgs): General Fund: The GRB did not recommend general funds for these packages: PP#114 adds \$500,000 to fund local government wood smoke curtailment programs; PP#116 adds 2 position (1.0 FTE) (\$158,210) to respond to complaints. Other Funds: PP#111 adds 1 position (1.0 FTE) and limitation for awards (\$5,519,542) to oversee the Electric Vehicle Rebate Program. PP#116 adds 8 positions (5.0 FTE phased in on July 1, 2020) (\$903,575) to work on eliminating the AQ ACDP and Title V permitting backlog. PP#119 adds 11 positions (11.0 FTE) (\$2,581,253) to implement the Air Toxics Permitting Program, Cleaner Air Oregon.		
2	2	DEQ	Air Quality Industrial Permitting	Industrial facilities emit air pollutants that can impact human health and the environment, and contribute to climate change. DEQ issues air quality permits to regulate air pollution from industrial facilities and ensures compliance with permit requirements. Industrial air permits help to provide clean and healthy air for Oregonians. Includes implementation of planned Cleaner Air Oregon rules.	34000-01,02,12 (OBM#10a,75,76)	9	1,566,100	-	20,429,714	-	494,734	\$ 22,490,548	81	77.38	Y	Y	FM	Federal Clean Air Act, 42 USC sections 7401 et seq; ORS 468 and 468A	The Title V Permit program is required by the federal Clean Air Act for operating major sources of traditional "criteria" or hazardous air pollutants. The Air Contaminant Discharge Permit program applies to construction of new and modified point sources of all sizes as well as operation of medium sized point sources that are not subject to Title V. ACDPs are used to approve construction of major new sources of air pollution as required by the federal Clean Air Act. ACDPs are also used to meet requirements of the State Implementation Plan and to assure that a source does not inadvertently exceed Title V permitting thresholds. Oregon has delegated authority from EPA.	GRB Reduction/Restoration: Package 90 recommends General Fund Reductions for 1.0 FTE to support the Cleaner Air Oregon Program. GRB Additions (Policy Packages): PP#116 adds 8 positions (5.0 FTE phased in on July 1, 2020) (\$903,575) to work on eliminating the AQ ACDP and Title V permitting backlog. PP#119 adds 11 positions (11.0 FTE) (\$2,581,253) to implement the Air Toxics Permitting Program, Cleaner Air Oregon.		
3	2	DEQ	Water Quality Standards	DEQ develops clean water standards as benchmarks to protect Oregon's water. Clean water standards tell us if we can allow more growth (and the pollution that comes with growth) in a watershed and still maintain waters that are safe for drinking, swimming, irrigation, fish consumption and other beneficial uses.	34000-10 (OBM 79)	9	2,399,052	-	430,584	-	427,099	\$ 3,256,735	9	9.97	Y	Y	FM, S	Federal Clean Water Act; 33 USC §1313; 33 USC §1315; ORS 468B	33 USC §1313 requires the governor of a state or the state water pollution control agency of a state to periodically (but at least once each three year period) review applicable water quality standards and, as appropriate, modifying and adopting standards.	GRB Reductions: None. GRB Additions (Policy Packages): None. The GRB does not recommend ARB Package 122, which requested General Fund for 1.00 FTE to provide capacity for timely development and implementation of water quality standards.		
4	5	DEQ	Water Quality Monitoring	DEQ monitors rivers, streams, lakes, groundwater areas and beaches. Data is analyzed to identify water quality pollution problems, identify causes and sources of pollution, develop effective pollution control strategies, and evaluate how programs are working to restore and maintain clean water. DEQ makes data available to the public through web-based resources, and exchanges data with permittees and EPA.	34000-10 (OBM 79)	9	7,488,461	3,836,993	2,846,835	-	2,995,452	\$ 17,167,741	46	44.38	N	Y	FM, S	Federal Clean Water Act; 33 USC §1313; ORS 468	33 USC §1313 requires each state to identify waters within its boundaries for which effluent limitations are not stringent enough to implement any water quality standard applicable to those waters, and to identify waters or parts thereof within its boundaries for which controls on thermal discharges are not stringent enough to assure protection of beneficial uses.	GRB Reductions: Revenue shortfall package 070 eliminates 1.00 FTE of information systems support due to declining federal special project funding. Package 090 recommends General Fund reductions of two chemist positions that support analysis of samples for air speciation and ground water in the state's ground water management areas (GWMA). [Same reduction as described in "Water Quality - Groundwater & Drinking Water Protection." GRB Additions (Policy Packages): None. The GRB does not recommend the following packages that DEQ proposed in the ARB: Package 123 would have established two permanent and two seasonal positions (2.88 FTE) for sample collection and analysis in response to harmful algae bloom (HAB) concerns. Package 129 would have established two permanent positions (1.38 FTE) and fund \$120,000 for data processing software and technical equipment to increase DEQ's capacity to develop and issue clean water plans, and enable DEQ to establish monitoring stations that provide real-time water quality data to the public and decision-makers. Package 164 requested \$550,000 to increase the base amount of funds the DEQ laboratory receives to address ongoing needs to maintain and replace aging equipment.		

Department of Environmental Quality
2017 - 2019 Biennium

Agency Number: 34000

Department-Wide Priorities for 2017-19 Biennium

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Priority (ranked with highest priority first)	Dept. Initials	Program or Activity Initials	Program Unit/Activity Description	Identify Key Performance Measure(s)	Primary Purpose Program- Activity Code	GF	LF	OF	NL-OF	FF	NL- FF	TOTAL FUNDS	Pos.	FTE	New or Enhanced Program (Y/N)	Included as Reduction Option (Y/N)	Legal Req. Code (C, D, FM, FO, S)	Legal Citation	Explain What is Mandatory (for C, FM, and FO Only)	Comments on Proposed Changes to CSL included in Agency Request	
Dept	Prgm/ Div																				
5	4	DEQ	Water Quality - Permitting & Certifications	DEQ issues water quality permits to protect Oregon's waterways. These permits regulate discharges from sewage treatment plants and industrial facilities, and stormwater runoff from industrial and construction activities. This program also certifies wastewater treatment plant operators, and controls pollution from in-water work such as dredging and filling activities and placement and operation of hydroelectric facilities.	34000-3 (OBM 10(b)); 34000-4	9	14,323,762	697,608	24,805,237	-	1,806,340	\$ 41,632,947	149	137.27	Y	N	FM, S	33 USC §1342; 33 USC §1341; ORS 468B	DEQ is delegated authority to administer the National Pollutant Discharge Elimination System Program. Any applicant for a Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable waters, shall provide the licensing or permitting agency a certification from the State.	GRB Reductions: Package 090 recommends reducing GF for a position that provides oversight of stormwater management practices for industrial, municipal and stormwater construction activities with regulated stormwater discharges. GRB Additions (Policy Packages): Package 127 would establish 23 new permanent positions (15.78 FTE) and four limited duration positions (3.52 FTE), and would increase a permanent, part-time position to full-time (from 0.50 to 1.0 FTE) to improve DEQ's regulation of wastewater and stormwater discharges, including improved permit timeliness and quality. The GRB does not recommend the following packages that DEQ proposed in the ARB: Package 120 would have authorized two General Fund positions (1.76 FTE) to match fee-funded positions authorized in DEQ's 2017-19 LAB and make permanent a limited duration position (1.0 FTE) also authorized in 2017-19. These positions implement federal requirements for urban and transportation-related stormwater control. Package 121 would have established three new positions (2.13 FTE) to ensure that onsite septic systems are properly functioning, and that water pollution and public health risks are prevented. Package 122 would have established two new positions (1.63 FTE) to provide capacity for timely development and implementation of water quality standards, including variances and other strategies for implementing standards in permits, water quality assessments and TMDLs. Package 162 would have provided \$250,000 of funding for technical assistance to small communities who need help with	
6	6	DEQ	Water Quality - Nonpoint Source	Rainwater washing over driveways, streets, roofs, lawns, rural lands and construction sites picks up soil, garbage and toxics. Surface water runoff is the largest source of pollution to Oregon's waters. This program controls pollution from surface water runoff and works with communities on projects to improve water quality.	34000-10 (OBM 79)	9	105,162	-	317,723	-	2,834,172	\$ 3,257,057	6	4.89	N	Y	FM, S	Federal Clean Water Act; 33 USC §1329; ORS 468B	33 USC §1329 requires the governor of each state to prepare and submit to EPA for approval a management program for controlling pollution added from nonpoint sources to the navigable waters within the state and improving the quality of such waters.	GRB Reduction: Revenue shortfall package 070 eliminates one Federal Fund position (1.0 FTE) that develops policy and conducts interagency coordination on federal lands and agricultural, forestry and road-related water quality issues. GRB Addition/Restoration: None. The GRB does not recommend package 128, which requested to restore the position eliminated in package 070.	
7	1	DEQ	Land Quality Emergency Response	Under Oregon's Emergency Management Plan, DEQ is the lead state agency for responding to incidents involving spills of hazardous chemicals and oil. We also work with other agencies and industry to plan for and prevent spills of oil and hazardous chemicals.	0	8	1,147,521	-	4,908,819	-	42,641	\$ 6,098,981	18	18.61	Y	N	S	ORS 466.605-680 (hazardous materials) and ORS 468B.300-500 (oil)		ARB Reductions: none ARB additions (Policy Packages) Packages 132, 133 and 134 request a combination of fees and general fund to maintain current service level and add five new positions (5.0 FTE) to mitigate, prepare, respond to and recover from releases of oil and hazardous materials from commercial vessels, trains, pipelines, trucks and industrial facilities located along navigable waterways and inland waters of the state and other culturally, economically or ecologically sensitive environments.	

Department of Environmental Quality

2017 - 2019 Biennium

Agency Number: 34000

Department-Wide Priorities for 2017-19 Biennium

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Priority (ranked with highest priority first)	Dept. Initials	Program or Activity Initials	Program Unit/Activity Description	Identify Key Performance Measure(s)	Primary Purpose Program- Activity Code	GF	LF	OF	NL-OF	FF	NL- FF	TOTAL FUNDS	Pos.	FTE	New or Enhanced Program (Y/N)	Included as Reduction Option (Y/N)	Legal Req. Code (C, D, FM, FO, S)	Legal Citation	Explain What is Mandatory (for C, FM, and FO Only)	Comments on Proposed Changes to CSL included in Agency Request	
8	3	DEQ	Water Quality - TMDLs	DEQ develops and carries out clean water plans (known as "Total Maximum Daily Loads" or "TMDLs" under the federal Clean Water Act) to reduce water pollution and meet clean water standards	34000-5 (HLO#1)	9	10,946,398	797,814	2,107,599	-	3,180,350	\$ 17,032,161	57	54.09	Y	Y	FM, S	Section 303(d) of the federal Clean Water Act; 33 USC §1313; ORS 468B	33 USC §1313 requires states to establish total maximum daily loads for waters that do not meet water quality standards and which do not assure protection of beneficial uses, including fish and drinking water.	GRB Reductions: Revenue shortfall package 070 eliminates one Integrated Water Resources Strategy position (1.0 FTE) that ensures water quality outcomes are adequately considered for water storage and supply project planning activities. Package 090 recommends General Fund reductions for two positions that guide and evaluate TMDL implementation efforts, and provide expertise for place-based planning efforts, and ensure water quality outcomes are adequately considered when planning water storage and supply projects. GRB Additions/Restoration (Policy Packages): Package 126 would establish three positions (2.51 FTE) to support a multi-agency effort to improve water quality and aquatic habitat in the Klamath Basin. The GRB does not recommend the following packages that DEQ proposed in the ARB: Package 123 would have established one position (0.88 FTE) to identify the factors contributing to the development of HABs and support local efforts to avoid or minimize the frequency and severity of HABs. Package 124 would have restored an IWRS position that was eliminated in package 070. Package 128 would have established six new positions (5.28 FTE) to build capacity to produce information used for prioritizing and guiding watershed restoration efforts, and would have restored one position (1.0 FTE), eliminated in revenue shortfall package 070, that develops policy and conducts interagency coordination on federal lands and agricultural, forestry and road-related water quality issues. Package 129 would have established three new positions (2.64 FTE) that will increase DEQ's capacity to develop and issue	
9	8	DEQ	Water Quality - Onsite sewerage	DEQ protects people's health from untreated sewage. (1) Set standards for proper design and installation of septic systems. (2) Issue permits for proper septic system installation.	0	10	2,290,505	-	4,374,914	-	32,855	\$ 6,698,274	15	16.12	Y	Y	S	ORS 454	GRB Reduction/Restoration: None. GRB Additions (Policy Packages): None. The GRB does not recommend the following packages that DEQ proposed in the ARB: Package 121 would establish one new position (1.0 FTE) to ensure that onsite septic systems are properly functioning, and that water pollution and public health risks are prevented. Package 160 provides an additional \$2 million in funding for an established loan program established by the Legislature in 2016.		
10	3	DEQ	Land Quality - Tanks	DEQ regulates storage of hazardous materials in underground tanks to prevent leaks and contamination. Includes larger tanks regulated under federal law as well as heating oil tanks.	0	9	66,597	-	3,931,740	-	738,983	\$ 4,737,320	19	17.22	N	Y	FM, S	Federal Resource Conservation and Recovery Act, Title 42 sections 6991 et seq; ORS 466.706 - .995	To maintain state program authorization, DEQ must ensure compliance with federal and DEQ standards for UST installation and operation and financial responsibility requirements (providing resources for cleanups should leaks occur) and inspect every facility at least once every 3 years.	ARB Reduction/Restoration: None. ARB Additions (Policy Packages) Policy Package 131 (revenue only) requests a fee increase to support current service level funding. This will allow DEQ to provide adequate oversight and auditing of licensed contractors who clean up leaking tanks.	
11	1	DEQ	Water Quality - Groundwater & Drinking Water Protection	Help Oregon citizens and communities protect their public drinking water by: helping communities develop local Drinking Water Protection Plans to prevent pollution of their public water systems; working with communities to improve the groundwater management areas; and regulating underground injection control systems.	0	10	1,766,413	-	2,200,525	-	339,758	\$ 4,306,696	13	14.12	N	Y	FM, S	42 USC §300j-13; 42 USC §300h-1; ORS 468B	Oregon has primacy for implementing some parts of the Safe Drinking Water Act, including Underground Injection Control program.	GRB Reductions: Package 090 recommends General Fund reductions of two chemist positions that support analysis of samples for air speciation and ground water in the state's ground water management areas (GWMA). [Same reduction as described in "Water Quality - Monitoring." GRB Additions (Policy Packages): None.	
12	7	DEQ	Water Quality - Clean Water State Revolving Fund	DEQ provides low-interest loans to help communities finance clean water projects.	34000-10 (OBM 79)	9	347,633	-	8,682,017	177,212,030	39,316	\$ 186,280,996	18	17.17	N	N	FO, D, S	Federal Clean Water Act; 33 USC §1383; ORS 468	A state must establish a water pollution control revolving loan fund that complies with all of the appropriate federal requirements before it may receive a capitalization grant.	GRB Reduction: Package 070 eliminates 1.0 FTE in the Clean Water State Revolving Fund program to adjust to program workload. GRB Additions (Policy Packages): Package 125 would establish a new position (0.88 FTE) to ensure stable and efficient loan servicing and effective financial management of DEQ's Clean Water State Revolving Fund loan program. The GRB recommends \$500,000 in package 163 to allow DEQ to work with OSCIO and contract with a business analyst to complete a software requirements analysis for procurement of loan management software for the Clean Water State Revolving Fund.	

Department of Environmental Quality																						
2017 - 2019 Biennium																			Agency Number:		34000	
Department-Wide Priorities for 2017-19 Biennium																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Priority (ranked with highest priority first)	Dept. Initials	Program or Activity Initials	Program Unit/Activity Description	Identify Key Performance Measure(s)	Primary Purpose Program-Activity Code	GF	LF	OF	NL-OF	FF	NL-FF	TOTAL FUNDS	Pos.	FTE	New or Enhanced Program (Y/N)	Included as Reduction Option (Y/N)	Legal Req. Code (C, D, FM, FO, S)	Legal Citation	Explain What is Mandatory (for C, FM, and FO Only)	Comments on Proposed Changes to CSL included in Agency Request		
13	2	DEQ	Land Quality Clean Up	DEQ oversees environmental cleanup of sites contaminated by toxic substances.	34000-07 (OBM 85)	9	4,977,628	-	41,951,882	986,300	5,321,125	\$ 53,236,935	89	88.27	N	N	D, FM, FO, S	26 U.S.C. 9508; ORS 465.101 - 992	FM: For Superfund sites, pay match (10% of EPA's remedial action costs) and long-term O&M costs. FO: Ensure that UST leaks are reported and cleaned up per federal and DEQ requirements. Other cleanups: assess and evaluate potentially contaminated sites; provide state input for development of remedies for National Priorities List sites; maintain guidance documents; other deliverables as agreed to.	ARB Reduction/Restoration: None. ARB Additions (Policy Packages) Policy package 136 requests limited duration positions and limitation to increase use of the Solid Waste Orphan fund by inventorying, prioritizing and providing cleanup oversight at qualified disposal sites and promoting awareness of this resource for Oregon communities.		
14	4	DEQ	Land Quality Hazardous Waste	DEQ regulates hazardous waste generators and facilities to prevent contamination from toxic chemicals.	34000-08	9	349,234	-	7,448,859	-	1,448,135	\$ 9,246,228	28	28.85	N	N	FM, S	Federal Resource Conservation and Recovery Act, 42 U.S.C. sections 6921 et seq.; ORS 465.003-.037; ORS 466.005-.530	To maintain delegation to conduct federal program in Oregon DEQ must: Inspect Large Quantity Generators at least once every 5 years; permit Treatment, Storage and Disposal facilities; require generators to manage and transport hazardous waste according to DEQ and federal regulations.	ARB Reduction/Restoration: None. ARB Additions (Policy Packages) There are no policy packages for this program, however there is an administrative fee increase in the ARB.		
15	3	DEQ	Air Quality Vehicle Inspection Program	Vehicles are the number one source of air pollution in Oregon's metropolitan areas. DEQ controls air pollution from vehicles through a Vehicle Inspection Program in the Portland and Rogue Valley areas.	34000-01,09,10 (OBM#75)	9	380,332	-	30,333,521	-	-	\$ 30,713,853	113	111.78	N	Y	FM	Federal Clean Air Act, 42 USC sections 7401 et seq; ORS 468A	Vehicle inspection is a key part of Portland and Medford's clean air plans that are required by the federal Clean Air Act and approved by EPA as part of Oregon's State Implementation Plan. Oregon has delegated authority from EPA.	ARB Reductions: Revenue shortfall in the VIP program reduces 8 position (8.0 FTE from the VIP program). ARB Additions (Policy Package): PK #118 adds 8 positions (8.0 FTE) to maintain an effective Vehicle Inspection Program (\$1,454,868)		
16	5	DEQ	Land Quality Materials Management	DEQ regulates solid waste disposal and promotes waste reduction, reuse and recycling.	34000-09 (OBM 84)	9	577,000	-	27,103,594	-	-	\$ 27,680,594	73	72.56	N	N	FM, S	Federal Resource Conservation and Recovery Act, 42 USC sections 6941-6949a; ORS 459 and ORS 459a	RCRA Subtitle D regulates landfills at the state level. Through EPA's "determination of state adequacy," DEQ is responsible for municipal solid waste landfill permit program. Includes permit issuance, compliance oversight, groundwater monitoring, facility closure and post closure care.	ARB reductions: None ARB additions: Policy package 130 (LC 466) requests authorization and resources (.94 FTE) to create and manage a drug manufacturer product stewardship program.		
							64,383,156	5,332,415	229,648,102	178,198,330	29,471,342	\$ 507,033,345	841	814.31								

Prioritize each program activity for the Department as a whole

Document criteria used to prioritize activities:

- Protection of public health and safety
- Fulfilling federal mandates for which we have delegation from US EPA
- Programs that address pollution from many small sources
- Programs that provide incentives and support for economic growth
- Services that don't need to be provided by DEQ

7. Primary Purpose Program/Activity Exists

- 1 Civil Justice
- 2 Community Development
- 3 Consumer Protection
- 4 Administrative Function
- 5 Criminal Justice
- 6 Economic Development
- 7 Education & Skill Development
- 8 Emergency Services
- 9 Environmental Protection
- 10 Public Health
- 11 Recreation, Heritage, or Cultural
- 12 Social Support

19. Legal Requirement Code

- C Constitutional
- F Federal
- D Debt Service

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Water Quality (002) – Hydrogeologist	Eliminates water quality hydrogeologist position requiring work to be covered by other hydro positions within the Water Quality and Land Quality Divisions.	GF - \$133,000	GR1 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery.
Cross-Program - Regional Solutions	Eliminates one Regional Solutions position in the Northwest Region Office.	GF - \$297,000	GR2 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Ground Water Monitoring	Eliminates tracking of groundwater trends in ground water management areas.	GF - \$480,000	GR3 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Air Quality (001) – Air Toxics Monitoring	Eliminates 2 of the 4 rotating annual air toxics sites, resulting in reduced capacity to investigate levels of air toxics in areas of concern.	GF - \$405,000	GR4 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Air Quality (001) – PM2.5 <i>GRB Implemented Reduction (partial)</i>	Reduces two fine particulate speciation sites. DEQ will need EPA approval to implement this reduction.	GF - \$359,000	GR5 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Air Quality (001) – Ozone Monitoring <i>GRB Implemented Reduction</i>	Eliminates four ozone monitoring sites that are not required by the EPA.	GF - \$168,000	GR6 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Water Quality (002) – Western Region Integrated Water Resources Strategy	Eliminates one Integrated Water Resources Strategy position. This position provides water quality expertise for place-based planning efforts and ensure water quality outcomes are adequately considered when planning water storage and supply projects.	GF - \$277,000	GR7 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Air Quality (001) – Air Toxics Support <i>GRB Implemented Reduction</i>	Eliminates administrative support for air toxics.	GF - \$221,246	GR8 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Office of Compliance and Enforcement	Eliminates the agency’s principal subject matter expert on compliance and enforcement. Loss of this position significantly reduces the agency’s ability to be strategic and forward looking in its development and application of compliance and enforcement policies, and its ability to develop and effectively apply appropriate mechanisms to promote compliance with and deter violations of state regulations. Additionally, loss of this position would impact DEQ’s ability to coordinate with and be responsive to EPA, other agencies, and the legislature on enforcement issues.	GF – 288,000	GR9 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Air Quality (001) – Planner	Reduces capacity to update Oregon’s Regional Haze Plan, creating potential visibility issues in Oregon’s scenic natural areas and violating times established by the Federal Clean Air Act.	GF - \$269,000	GR10 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Biosolids and Reuse Program Coordinator	Eliminates agency expert on the biosolids and water reuse policy for DEQ, including the development and renewal of statewide WPCF general permits.	GF- \$255,000	GR11 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Water Quality (002) – Basin Specialist/Coordinator <i>GRB Implemented Reduction</i>	Reduces capacity to guide and evaluate TMDL implementation efforts.	GF – \$210,954	GR12 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – WPCF Permit Writer	Eliminates WPCF permit writer from DEQ’s Northwest Region resulting in delays in permit renewals, modifications and new applications for permittees located in the Portland Metro Area.	GF - \$210,000	GR13 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Engineer	Eliminates a position currently providing statewide leadership for compliance activities and federal reporting, and serving as the agency’s subject matter expert on mining permits.	GF – 313,000	GR14 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Toxics Monitoring <i>GRB Implemented Reduction (partial)</i>	Eliminates toxics monitoring program. This level of reduction makes it untenable to continue to support the full range of analytical capabilities at the laboratory, thereby causing the laboratory to discontinue analysis of certain suites of chemicals, including those that are persistent and bio-accumulative.	GF – 412,467	GR15 – Least harm to environmental protections. Maintain strategies priorities and least harm to service delivery
Water Quality (002) – Biomonitoring (1 of 2)	Reduces by half DEQ’s collection of water quality and biological data for assessing watershed health. This information is used by state and federal agencies and local stakeholders to guide watershed restoration efforts and help ensure resources are strategically applied to achieve salmon recovery and water quality objectives.	LF - \$262,000	LR1 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Water Quality (002) – Biomonitoring (2 of 2)	Implementing both biomonitoring reductions would eliminate DEQ’s collection of water quality and biological data for assessing watershed health. This information is used by state and federal agencies and local stakeholders to guide watershed restoration efforts and help ensure resources are strategically applied to achieve salmon recovery and water quality objectives.	LF - \$271,500	LR2 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Water Quality (002) – Federal grants supporting Water Quality initiatives	Would reduce funding DEQ uses to accomplish high priority agency work such as program improvement and streamlining efforts, augmenting existing water quality protection efforts, development and testing of innovative approaches to water quality protection, enhanced use of electronic databases and other information technology innovations, and clean water protection and enhancement activities, including water quality monitoring and Total Maximum Daily Load (TMDL) development.	FF - \$452,702	FR1 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Land Quality (003) – LUST Cleanups Completed	Eliminate services and supplies. Reduced ability to complete LUST cleanups.	FF - \$200,000	FR2 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Water Quality (002) – Clean Water Act Section 604(b) Water Quality Management Planning grants	This reduction would reduce federal funding for water quality management planning. EPA provides funds for states and regional and interstate agencies to determine the nature and extent of point and non-point source water pollution and to develop water quality management plans. If this limitation were cut, DEQ would not be able to make grants to regional and interstate water quality planning organizations if federal funding were available.	FF - \$181,649	FR3 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Air Quality (001) – Pollution Prevention Grant	Eliminate the limitation associated with federal Pollution Prevention Grants. These grants are meant to reduce pollution before it happens.	FF - \$1,026,512	FR4 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Land Quality (003) – LUST Trust Grant	In the short term, the LUST Cost Recovery fund will support the need, but eventually this will limit DEQ's ability to do LUST cleanup work. LUST program not meeting site closure targets could lead to reduced base funding in future years.	FF - \$555,088	FR5 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Water Quality (002) Clean Water Act Section 106 grant funded surveys of the nation's waters	This reduction would eliminate federal funding for Oregon's participation in the Clean Water Act Section 106 surveys of the nation's waters. EPA provides funds for States, Tribes and other eligible entities to participate in statistically-valid surveys of the Nation's waters. If DEQ does not conduct the work, it can request EPA to perform the work in Oregon, but will lose the opportunity to leverage this funding to support other monitoring objectives by integrating workplans for sample collection and analysis.	FF - \$396,774	FR6 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Water Quality (002) – Federal Clean Water Act Section 319 grants	Reduction in grants used for watershed restoration activities to improve water quality. Under normal circumstances, DEQ would grant \$1.5 to \$2.0 million per biennium. In FFY2015 and FFY2016, EPA has reduced Oregon's 319 appropriation until the State demonstrates progress towards implementing an approval Coastal Nonpoint Source Management Plan. No position or FTE impact.	FF - \$134,409	FR7 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Land Quality (003) – Cleanup/Dedicated Cleanup	Reduces ability to oversee cleanup work paid for by responsible parties.	OF - \$6,941,091	HR1 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Air Quality (001) – VIP station	Close a Portland VIP Station and reduce technical support for the program. Closing an inspection station would drastically increase average wait times at the remaining Portland stations and inconvenience customers in the closure area. Reduce approximately 14 FTE.	OF - \$3,645,734	HR2 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Water Quality (002) – Miscellaneous Other Fund projects	Would eliminate DEQ’s ability to enter into agreements regulated entities, and with other partners to expedite regulatory processes and to conduct special projects. ORS 468.073 allows DEQ to enter into agreements with an applicant, permittee or regulated party to enable the agency to expedite or enhance a regulatory process. ORS 468.035 allows DEQ to conduct and prepare, independently or in cooperation with others, studies, investigations, research and programs pertaining to the quality and purity of the air or the waters of the state and to the treatment and disposal of wastes. This reduction would eliminate all limitation and position authority for these types of projects.	OF - \$1,617,750	HR3 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.
Air Quality (001) – EV Rebates	Reduce the amount of payments to non-government entities.	OF - \$3,000,000	HR4 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.

Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
Air Quality (001) – Clean Diesel Engine Fund	Reduce the amount of payments to government and non-government entities from the Volkswagen settlement money.	OF - \$1,000,000	HR5 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.

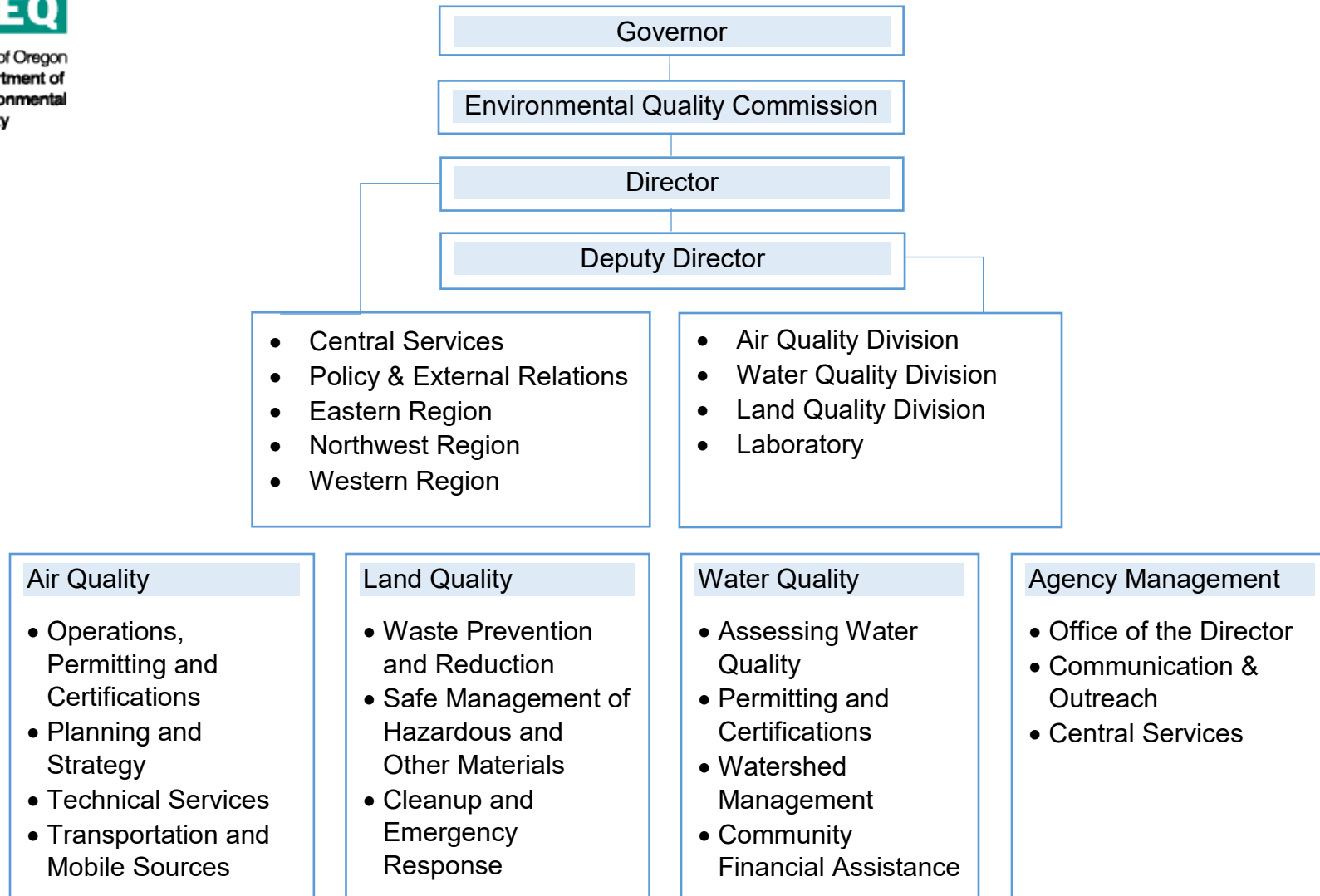
<p>Agency Management (004) – Support Services</p>	<p>Reductions would be gradually implemented because of declining indirect revenue from adopting reduction options (all fund types) in program areas.</p> <p>The reduction would decrease capital expenditures by \$324,963 and contracts by \$224,747, greatly reducing or eliminating IT infrastructure upgrades, facility repairs and maintenance.</p> <p>The reduction would eliminate 9.0 FTE with the following impacts:</p> <ul style="list-style-type: none"> • Consolidate agency reception. Increased workload for other agency staff to assist with reception coverage, mail and vehicles. • Reductions in records management will place agency at risk of not meeting legal requirements to respond to public records requests. • Financial Services impacts will reduce agency’s ability to develop new systems to support finance and update current systems, and meet Accounts Payable timeliness. • Information Systems reductions will reduce contributions on system and service projects; reduce time to incident resolution; increase maintenance and support load on rest of Tier 3 team; reduce throughput on new software development projects; and reduce time to incident response on application outages and bug remediation. Reduce timeliness for incident response and resolution. • Reduce timeliness to respond to media requests. 	<p>OF - \$3,032,916 Indirect Surcharge</p>	<p>HR06 – Combination of factors: Least harm to agency core infrastructure support and mandatory processes.</p>
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Activity or Program <i>(which program or activity will not be undertaken)</i>	Describe Reduction	Amount and Fund Type	Rank and Justification
	State government charge assessment by 10 percent, or \$610,883, under the assumption that DAS would have similar 10% cuts in charges to agencies.		
Water Quality (002) – Septic system (Onsite) permitting implemented by county governments	Shift septic system permitting to other government entities. Some counties already perform this function, though expanding the universe would likely be challenging due to local government economic considerations. DEQ would retain oversight and technical assistance.	OF - \$994,077	HR7 - Combination of factors: Least harm to environmental protection; Maintain strategic priorities; Least harm to service delivery.



State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality Agency Organizational Chart



TILLAMOOK

2310 1ST STREET, STE 4
TILLAMOOK, OR 97141
503.842.3038

HQ/NWR

700 NE MULTNOMAH ST,
STE 600
PORTLAND, OR 97232
503.229.5263

VIP TECH CENTER

1240 SE 12TH AVE
PORTLAND, OR 97214
971.673.1630

LAB

3150 NW 229TH AVE, STE 150
HILLSBORO, OR 97124
503.693.4999

NORTHWEST
REGION

WESTERN
REGION

SALEM

4026 FAIRVIEW
INDUSTRIAL DR SE
SALEM, OR 97302
503.378.8240

EUGENE

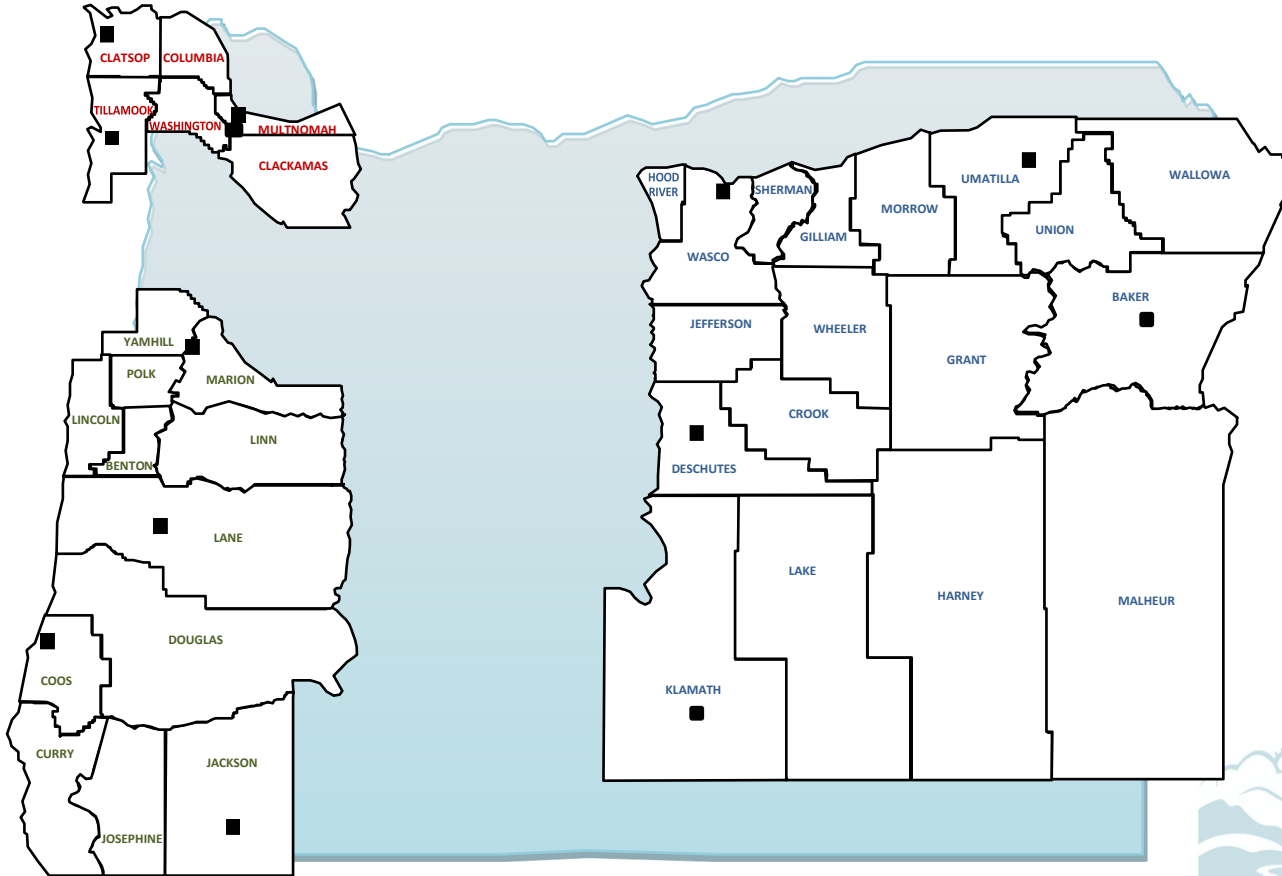
165 EAST 7TH AVE, STE 100
EUGENE, OR 97401
541.686.7838

COOS BAY

381 N SECOND ST
COOS BAY, OR 97420
541-269-2721

MEDFORD

221 STEWART AVE, STE 201
MEDFORD, OR 97501
541.776.6010



EASTERN
REGION

THE DALLES

400 E SCENIC DR, STE 307
THE DALLES, OR 97058
541.298.7255

PENDLETON

800 SE EMIGRANT AVE,
STE 330
PENDLETON, OR 97801
541.276.4063

BAKER CITY

2101 MAIN ST, STE 200
BAKER CITY, OR 97814
541.523.9097

BEND

475 NE BELLEVUE DR.
STE 110
BEND, OR 97701
541.388.6146

KLAMATH FALLS

803 MAIN ST, STE 201
KLAMATH FALLS, OR
97604
541-273-7002



REVENUE USE

DEQ has many sources of Other Funds and Federal Funds revenue. A summary of sources is outlined below. Because each source is specific to a given program, the detailed discussion of revenues is given in the program narratives.

AIR QUALITY PROGRAM: OTHER FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
Air Contaminant Discharge fees (ORS 468.065)	Permit issuance and compliance assurance of medium sized air emission industrial sources	Administering the ACDP program
Title V permit fees (ORS 468A.315)	Permit issuance and compliance assurance of larger air emission industrial sources	Administering the Title V program
Vehicle Inspection certification fees (ORS 468A.400)	Vehicle emissions testing in Portland and Medford-Ashland air maintenance areas	Administering the Vehicle Inspection program
Asbestos certification fees (ORS 468A.750)	Asbestos training course accreditation, contractor licenses, worker certification and project notification	Administering the Asbestos program
Tanker truck certification fee (ORS 468.065)	Indirect source permit issuance and compliance assurance	Administering the Tanker Truck Certification program
Cleaner Air Oregon fees (ORS 468.065)	Permit issuance and compliance assurance	Administering the Cleaner Air Oregon program
Oregon low emission vehicle fees (ORS 468.065)	Keep Oregon's low emission vehicle rules current with California rules, track vehicle registration, ensure compliance and pursue enforcement.	Administering the Oregon low emission vehicle program
Clean diesel engine fund (ORS 327.033)	The fund provides grants and loans to owners and operators of Oregon diesel engines for costs of qualifying engine retrofits, re-powers and scrapping.	Administering the clean diesel engine fund and providing grants and loans to reduce diesel emissions from Oregon diesel engines
Greenhouse gas reporting fees (ORS 468.065)	Greenhouse gas reporting program	Administering greenhouse gas reporting
Miscellaneous Other Funds (ORS 468.065)	Miscellaneous permit, air monitoring, bonding and legal settlements	Administering the respective programs

REVENUE USE

FEDERAL FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
Section 105 Clean Air Act Program Grant and Special Projects (Match must exceed the previous year's state expenditures)	Section 105 funds a portion of the core program including ambient air quality monitoring, air pollution planning and control, data management and air toxics	These funds may be used for any portions of the program that are federally delegated.
Section 103 Special Purpose Grants (No match requirements)	Section 103 funds the PM _{2.5} monitoring network and various air toxics monitoring grants	Performing the work identified in the specific grant work plan
Pollution Prevention Grants (50% match requirement)	Grants fund projects for technical assistance, training, outreach, education, regulatory integration, data collection, research, demonstration projects and recognition programs.	Performing the work identified in the specific grant work plan
Diesel Emission Reduction Act (Match required for maximum funding)	Funding for projects to reduce emissions from diesel engines	Cost of emission reduction

REVENUE USE

WATER QUALITY PROGRAM: OTHER FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
Wastewater Permit fees (ORS 468.065)	Permit issuance and compliance assurance of wastewater and stormwater discharges both to water and to land	Administering the wastewater permit program
Onsite Subsurface Sewage Disposal fees (ORS 454.605-454.755)	Direct onsite services, such as issuing a permit to install onsite systems or evaluating existing systems, and oversight of counties that enter into agreements with DEQ to provide direct services. Also includes licensing of septic tank pumpers and installers and the review of innovative technologies.	Administering the onsite program
Sewage Works Operator Certification fees (ORS 448.405 -448.430 and 448.992)	Operator certification for sewerage treatment plants	Administering the Operator Certification program
401 Dredge and Fill Fees (ORS 468B.047)	401 certifications of dredge and fill projects	Administering 401 Dredge and Fill Certification program
Hydroelectric Fees: annual and application fees (ORS 536, ORS 543, and ORS 543A)	Inter-agency coordination and statewide policy and technical guidance development for Hydroelectric Review Program; participation in FERC relicensing processes; development of 401 Certification decision and documentation; evaluating applications for certification, preliminary applications, and applications for reauthorization of water rights for hydro electric projects	Processing renewal for hydroelectric facilities with expiring licenses; implementing the state reauthorization process
Hydroelectric Fees collected by DEQ: Application Fee (ORS 468.065(3)) and project specific fee (ORS 543.080)	Review and decision of the department including: evaluating a project; issuing or denying certification; and/or commissioning an independent study by a contractor of any aspect of the proposed project. Overseeing implementation of the certification conditions for a hydroelectric project.	Reviewing the hydroelectric facility for which the fee is assessed
State Revolving Loan Fund fee (ORS 468.440)	State Revolving Loan Fund	Administering the State Revolving Loan Fund

Source (authority/match requirement)	Programs funded	Limitations on use
Miscellaneous Other Funds - Receipts authority, cost reimbursement (ORS 468.073; ORS 468.035)	Miscellaneous permitting, monitoring, planning, studies, and bonding	Funds may be used only to cover costs incurred delivering the service, including indirect costs.

REVENUE USE

Source (authority/match requirement)	Programs funded	Limitations on use
ORELAP accreditation fees and cost reimbursement associated with laboratory accreditation (Transferred from Oregon Health Authority, Chapter 1063, 1999 Session Laws)	ORELAP Laboratory Certification	Inspecting, evaluating and accrediting environmental laboratories for competency, including for compliance with the state drinking water program and NELAC standards.
Drinking Water Protection (Federal Funds passed through the Oregon Health Authority to DEQ)	Source Water Assessment and Protection	Conducting source water assessments and assisting communities with developing and implementing local strategic plans to reduce pollutants in their drinking water supply sources.
Underground Injection Control Fees (ORS 468B.195 and ORS 468B.196)	Revenues support the administration of the federally delegated Underground Injection Control program.	Administering the UIC program
Suction Dredge Mining Permit Surcharge (Chapter 783, 2013 Laws)	Suction dredge activity mining study	Collecting data and reporting on suction dredge mining activity in Oregon. The surcharge sunsetted on December 31, 2015.

REVENUE USE

FEDERAL FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
EPA delegated program support - Section 106 of the Clean Water Act (match is \$512,951)	Permitting, TMDL development and implementation, groundwater, standards and assessments, monitoring and administrative functions	These funds may be used for any portions of the program that are federally delegated, as agreed to by DEQ and EPA in their Performance Partnership Agreement
EPA Nonpoint Source - Section 319 of the Clean Water Act (40 percent match requirement)	Nonpoint Source program	EPA provides funds to states to carry out nonpoint source projects and programs pursuant to Section 319 of the Clean Water Act.
EPA Underground Injection Control – Federal Safe Drinking Water Act (25 percent match requirement)	Underground Injection Control program	EPA awards funds to states to regulate underground injection of storm water and industrial process water.
EPA Water Quality Management Planning Section 604(b) of the Clean Water Act (no match requirement)	TMDL and Water Quality Management Plan development	EPA awards Section 604(b) funds to state water quality management agencies to carry out water quality management planning.
Other federal grants, including, but not limited to, EPA grants authorized by the Clean Water Act and Exchange Network grants, and USGS grants (match requirements vary, often having no match requirements)	These grants are for special projects, not for ongoing program support. Funding from these grants has contributed to program improvements and streamlining efforts (including improvements to data systems and electronic data reporting systems), development of the National Environmental Information Exchange Network for information sharing between EPA, the 50 states and other regulators, and monitoring water quality on Oregon’s beaches.	These grants are approved on a project-by-project basis and funding may be used only for the project as approved by EPA or other funding agency.

REVENUE USE

LAND QUALITY PROGRAM: OTHER FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
Electronic waste manufacturer registration fee (ORS 459A.315, 459A.350, 459A.355)	Materials Management - Electronics Recycling program	Statewide system for the collection, transportation and recycling of covered electronic devices
Electronic waste recycling fee (ORS 459A.325, 459A.340(6), 459A.350, 459A.355)	Materials Management - Electronics Recycling program	Statewide system for the collection, transportation and recycling of covered electronic devices (contractor program)
Product Stewardship Fund (paint stewardship fees) (ORS 459A.852)	Materials Management - Paint stewardship program	Costs of implementing the provisions of the paint stewardship program, including plan review and supervision of the conduct of the stewardship organization
Solid waste disposal fees (ORS 459A.110 - 459A.120)	Materials Management program	Materials management program, including activities to reduce environmental and human health impacts of materials at all stages of their life cycles, solid waste planning activities and providing grants or loans to fund these activities.
Solid waste permit fees (ORS 459.235)	Materials Management program	Solid waste compliance assurance, permitting and enforcement.
Solid Waste Beneficial Use Application and Reporting fees (ORS 459.235)	Materials Management program	Solid waste compliance assurance, permitting and enforcement.
Waste tire fees (ORS 459.730, 459.750, 459.765)	Materials Management - Waste Tire program	Waste tire site monitoring, enforcement and program support.
Hazardous Substance Possession Fee – Toxics Use Reduction (ORS 453.400, 453.402)	Toxics Use Reduction and Hazardous Waste Reduction program	Toxics use reduction and hazardous waste reduction activities
Hazardous waste land disposal fees (ORS 465.375 – .376)	Hazardous Waste program	Small business technical assistance and hazardous waste program management.
Hazardous waste generator fees (ORS 466.165 – annual generator fee; ORS 466.077 – generator identification fee)	Hazardous Waste program	Generator inspection, compliance and enforcement programs.

REVENUE USE

Source (authority/match requirement)	Programs funded	Limitations on use
Hazardous Waste Treatment Storage and Disposal Fees (ORS 466.045, 466.160, 466.215, 466.350)	Hazardous Waste program	Permitting, plan review, hydrogeological assessments, compliance monitoring, legal and technical engineering review of hazardous waste treatment, storage and disposal facilities.
LUST cost recovery – (ORS 465.210) Required under terms of federal grant to recover expenditures.	Leaking Underground Storage Tank Cleanup program	Cleanup of leaking underground storage tanks
Underground Storage Tank fees (ORS 466.750(5), 466.783 - 466.785)	UST program	Annual registration, inspection of operations and installation, closures and repair permits for underground petroleum storage tanks
Underground Storage Tank contractor licensing fees (ORS 466.750, 466.787)	Underground Storage Tank Contractor Licensing program	Administer licensing program for contractors and construction supervisors who install, remove or test underground petroleum storage tanks
Heating oil contractor licensing fees (ORS 466.868)	Heating Oil Tank Licensing program	Administer licensing program for contractors and construction supervisors who install, remove or test heating oil tanks
Heating oil tank filing fees (ORS 466.872)	Heating Oil Tank Decommissioning and Cleanup	DEQ costs to review, audit and file decommissioning and cleanup actions certified by independent contractors
UST Compliance and Corrective Action Fund (ORS 466.791, 466.837, 466.994)	Underground Storage Tank Compliance and Cleanup programs	Administration of the underground storage tank programs, including heating oil tanks. (Fees originally designated for this fund were also to support costs associated with tank upgrades, but they are no longer collected due to constitutional restrictions on the use of highway-related fees.)
Dry Cleaner Environmental Response Fund (465.510; 465.517 - .525)	Dry Cleaner Environmental Cleanup program	Environmental cleanup of contaminated dry cleaner sites and regulation/technical assistance related to special environmental management requirements for dry cleaning industry. Funds can be used for DEQ's cleanup costs at dry cleaning operations; to reimburse qualifying persons for cleanup costs; program development, enforcement and cost recovery.

REVENUE USE

Source (authority/match requirement)	Programs funded	Limitations on use
Hazardous Substance Remedial Action Fund (ORS 465.330; 465.375 – .376, 465.381)	Environmental Cleanup program	Funds the state's remedial action costs and any activity authorized by ORS 465.200 to .510 and 465.900. Can also fund the state's matching cost of cleanups done under federal authority. "Remedial action costs" are defined as "costs ... attributable to or associated with a removal or remedial action at a facility, including but not limited to the costs of administration, investigation, legal or enforcement activities, contracts and health studies."
Hazardous Substance Possession Fee – Orphan Site Program (ORS 453.400 - 453.402)	Industrial Orphan Site Cleanup	Statute permits use to repay long term bonds or for direct expenditure on industrial orphan site cleanup.
Orphan Site Account – industrial sites (ORS 468.195 - .220; 465.381)	Industrial Orphan Site Cleanup	The state's cleanup costs at industrial orphan sites and costs related to administering the fund and program. Can only be used on sites where DEQ determines that the responsible party is unknown, or is unwilling or unable to undertake all required removal or remedial action. Cannot be used at state-owned facilities, except submerged lands. No more than 25 percent may be obligated to clean up unwilling orphans, without legislative approval. Cost recoveries of fund expenditures cannot be used for debt service.
Orphan Site Account – solid waste sites (ORS 459.236; 465.381)	Solid Waste Orphan Site Cleanup	The state's cleanup costs at solid waste (landfill) orphan sites and costs related to administering the fund and program. Statute permits use to repay long term bonds or for direct expenditure on solid waste orphan site cleanup. Restrictions same as Orphan Site Account – industrial sites.

REVENUE USE

Source (authority/match requirement)	Programs funded	Limitations on use
Ballast Water Fund (ORS 783.636, 783.638)	Ballast Water Compliance	Ensure compliance with ballast water management regulations intended to prevent the introduction of aquatic invasive species to Oregon waterways through commercial shipping. Activities include screening reports, monitoring and inspecting vessels, outreach and responding to emergencies.
Highway Spill Fund (petroleum product withdrawal delivery fees and cost recovery) (ORS 465.101 – 465.131)	Emergency Response program – highway emergency response only	Restricted in 465.127 to emergency response "as it relates to the maintenance, operation and use of the public highways, roads, streets and roadside rest areas".
Illegal Drug Lab Cleanup Fund (ORS 475.405 – .495)	Illegal drug lab cleanups	Removal and disposal of illegal drug lab chemicals.
Oil Spill Prevention fees (ORS 468B.405)	Oil Spill Prevention And Preparedness program	Oil spill prevention and preparedness activities, including reviewing contingency plans; verifying preparedness of the state and parties required to have a contingency plan; verifying financial responsibility required under Federal Oil Pollution laws; revising the state's interagency oil spill response plan. Restricted to activities related to petroleum spills and to protection of the state's navigable waters.
Oil Spillage Control Fund (ORS 468B.450 – 455, 466.992)	Emergency Response program	DEQ costs incurred in carrying out cleanup activities, the rehabilitation of affected fish and wildlife and spill prevention and preparedness activities. Oil spill prevention and preparedness activities including contingency plan reviews and verifying preparedness and financial responsibility.
Oil and Hazardous Materials Emergency Response and Remedial Action Fund (ORS 466.670, 466.675, 466.990)	Emergency Response program	May be used for administration and enforcement of the spill response and cleanup statutes, and for emergency cleanup operations.
Miscellaneous Other Funds	All LQ permitting programs	Bond proceeds under Article XI-Q.

REVENUE USE

FEDERAL FUNDS

Source (authority/match requirement)	Programs funded	Limitations on use
EPA Hazardous Waste (Resource Conservation and Recovery Act or RCRA, Section 3011) (25 percent match)	Hazardous Waste program	Development and implementation of EPA authorized state hazardous waste management programs.
Pollution Prevention Grants (50% match requirement)	Grants fund projects for technical assistance, training, outreach, education, regulatory integration, data collection, research, demonstration projects and recognition programs.	Performing the work identified in the specific grant work plan.
EPA Leaking Underground Storage Tank Trust Fund cooperative agreement (10 percent match)	Leaking Underground Storage Tank Cleanup program	Provides revenue for Leaking Underground Storage Tank cleanup activities at sites eligible for LUST funds.
EPA Underground Storage Tank cooperative agreements (25 percent match)	Underground Storage Tank program	Supplements state funds for Underground Storage Tank compliance assurance.
EPA cleanup cooperative agreements and grants (10 percent match on "Core" agreement)	Environmental Cleanup program	Supports environmental cleanup program administration and program development, including funds designated for brownfield cleanup efforts and site assessment. Also provides funds for DEQ participation in Superfund site cleanups.
Defense-State Memorandum of Agreement (no match)	DEQ oversight of environmental cleanup work at U.S. Department of Defense facilities.	Limited to use at current or former military facilities covered under the agreement. Pays for DEQ oversight and associated overhead and administrative costs.
Umatilla Chemical Agent Disposal Facility cooperative agreement (no match)	Oversight of Umatilla Chemical Agent Disposal Facility	Supports DEQ's oversight of site closure activities and permit actions related to closure.

REVENUE USE

AGENCY MANAGEMENT: OTHER FUNDS

Source (Authority/Match Requirement)	Programs Funded	Limitations on Use
Bond Fund Administration (ORS 468.230)	Bond Fund Administration	The Pollution Control Sinking Fund shall provide for the payment of the principal and interest upon bonds issued and administrative expenses incurred in issuing the bonds.
Pollution Control Tax Credit Fees (ORS 468.165)	Tax Credit program	Hazardous waste pollution control. Hazardous waste, solid waste and used oil material recovery. Air and water pollution controls. Alternatives to open field burning. Non-point source pollution controls.

REVENUE DETAIL

Purpose or type of fee, license or assessment	Who pays	2017-19 Estimated Revenue	2019-21 Agency Request	2019-21 Governor's Recommended Budget	2019-21 Legislatively Adopted	Explanation
Air Contaminant Discharge permit fees (ORS 468.065)	Industrial Sources – medium sized and smaller sources of toxic air pollution	7,200,000	10,300,000	10,300,000		Policy package 116 requests a fee increase to phase in six permit writers and a portion of two phased in complaint responders to respond to the public's complaints about ACDP permitted sources.
Vehicle Inspection certification fees (ORS 468A.400)	Vehicle owners and car dealers in the Portland and Medford-Ashland AQ Maintenance areas. Also payment from DMV services are provided at VIP stations.	23,789,407	29,316,172	29,316,172		Policy package 118 requests a fee increase to restore eight FTE in the current VIP program.

REVENUE DETAIL

<p>Wastewater Permit fees (ORS 468.065)</p>	<p>Individuals, businesses and government agencies who discharge stormwater or wastewater</p>	<p>12,909,959</p>	<p>\$17,108,004</p>		<p>The revenue estimate for the 2019-21 current service level includes estimated revenue from the annual three percent fee increases authorized by ORS 468B.051 with assumed effective dates of November 1, 2019 and between July 1 and November 1, 2020.</p> <p>DEQ proposed increasing wastewater permitting fees in three policy packages to phase-in new positions to support the wastewater permitting program. The three packages include:</p> <ul style="list-style-type: none"> • Policy package 121 would phase-in three new WPCF-Onsite permitting specialists. These positions perform permitting and compliance responsibilities associated with the more than 700 large onsite systems throughout the state. <i>(Note: This package was proposed by DEQ but not recommended in the Governor’s Recommended Budget.)</i> • Package 122 would phase-in two new positions to increase capacity to support timely development and implementation of water quality standards, including developing variances and other strategies and procedures for implementing standards in permits, water quality assessment and TMDLs. <i>(Note: This package was proposed by DEQ but not recommended in the Governor’s Recommended Budget.)</i> • Policy package 127 would phase-in multiple positions to improve DEQ’s regulation of wastewater and stormwater discharges. These positions address across-the-board resource needs in the water quality permitting program that are essential to ensuring timely issuance of quality permits, verifying compliance with
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REVENUE DETAIL

						<p>permit conditions, complying with federal e-reporting requirements, improving availability of permit and program information to the public, and improving opportunities for stakeholder engagement.</p> <p>If all elements of the three packages had been approved, DEQ estimated a need for approximately \$3.3 million in new fee revenue in 2019-21. DEQ’s annual permit fee revenue baseline is approximately \$7 million. If a fee increase was implemented on July 1, 2020, a fee revenue increase of approximately 47% would generate the \$3.3 million in new fee revenue in the 2019-21 biennium. If only package 127 is approved, as recommended in the Governor’s Recommended Budget, DEQ estimates a need for approximately \$2.4 million in new fee revenue in 2019-21. A fee revenue increase of approximately 35% implemented on July 1, 2020 would generate the \$2.4 million in new fee revenue. This fee increase would be in addition to the legislatively authorized increase for wastewater permitting fees of up to three percent per calendar year, and could be higher if the effective date is delayed.</p> <p>Revenue to support package 127 was included in the Agency Request Budget, but omitted from the Governor’s Recommended Budget. If the legislature approves package 127, revenue will need to be added to the Legislatively Adopted Budget to support the package.</p>
Onsite Subsurface Sewage Disposal fees (ORS 454.605-454.755)	Home owners, businesses, manufacturers, maintenance providers, licensed pumpers and	\$3,506,423	\$4,047,456			Policy package 121 proposed to increase onsite fees to cover increased cost of administering the program and to phase-in one new position to address unmanageable

REVENUE DETAIL

	installers (directly or through a third-party certification program)					workload, including but not limited to performing timely pre-cover inspections, overseeing compliance for advanced treatment systems and responding to complaints. DEQ estimated a fee increase of approximately 16% around July 1, 2020 would have generated the revenue sought to fund the package. <i>(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)</i>
Heating Oil Tank inspector and filing fees (ORS 466.868, 466.872)	Tank owners requesting certification and service providers and supervisors	\$ 871,700	\$ 1,296,700	\$1,296,700		Policy package 131 (SB 40) requests a fee increase to support the existing heating oil tank program.
Drug Take Back Fees (HB 2065)	Drug Manufacturers	\$ 0	\$ 350,000	\$0		Policy package 130 requests 1 LD position (.50 FTE) and 1 permanent position (.5 FTE) to implement a product stewardship program for drugs. DEQ will set requirements of a stewardship plan, review and approve submitted plans, review substantive program changes and submit annual reports. <i>(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)</i>
Oil Spill Prevention Fees (ORS 468B.405)	Petroleum-handling facilities (includes pipelines); petroleum tankers; vessels and barges using ports and navigable waterways	\$ 800,000	\$1,880,000	\$800,000		Policy package 132 (SB 41) requests a fee increase to fund the existing program and add one position (1.0 FTE) to fund spill prevention and response capability. The Emergency Response program is requesting 5 positions (5.0 FTE), including this position.
Rail Fees (HB 2064)	Railroad owners and operators	\$ 0	\$750,000	\$0		Policy package 133 (HB 2064) authorizes DEQ to review and approve contingency plans developed by the railroad industry and 2 positions (2.0 FTE) for developing locally tailored Geographic Response Plans along

REVENUE DETAIL

						high hazard rail corridors. The Emergency Response program is requesting 5 positions (5.0 FTE), including these 2 positions.
Hazardous Waste Generator Fees (ORS 466.045, 466.160), Hazardous Waste Treatment, Storage and Facility Fees (ORS 466.165)	Facilities that treat, store or dispose of hazardous wastes and regulated generators of hazardous substances	\$3,840,814	\$ 5,272,000	\$5,272,000		DEQ proposes to administratively increase Hazardous Waste Generator fees and Treatment, Storage and Facility fees to maintain the current program. Fee increases are expected to be effective July 2019.

REVENUE ESTIMATES

AIR QUALITY PROGRAM

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Air Contaminant Discharge permit fees (ORS 468.065)	Industrial Sources – medium sized and smaller sources of toxic air pollution	2,600	Annual fee: \$144 to \$9,216 Specific Activity fees: \$144 to \$50,400 The 2019-21 estimate includes revenue from a fee increase proposed in packages 116 (“Eliminate the Air Quality Backlog”.)	\$10,300,000
Title V permit fees (ORS 468.065)	Industrial Sources – larger	115	Base fee: \$8,169 Emission fee: \$61.76/ton Specific Activity fee: \$484 to \$29,072	\$7,850,000
Cleaner Air Oregon fees (ORS 468.065)	Industrial Sources	Approx. 2,500	Annual fee: \$115 to 2,859 Specific Activity fee: \$2,000 to \$34,600	\$7,022,223
Vehicle Inspection certification fees (ORS 468A.400)	Vehicle owners and car dealers in the Portland and Medford-Ashland AQ Maintenance areas. Also payment from DMV for services provided at VIP stations.	1,120,000	Portland: \$25 Medford-Ashland :\$15 On-site Auto Dealer Testing: \$26 The 2019-21 estimate includes revenue from a fee increase proposed in packages 118 (“Maintain Effective Vehicle Inspection Service”.)	\$27,912,428
Asbestos certification fees (ORS 468A.750)	Construction industry – contractors working on projects, along with those seeking certification to work on projects	4,675	Notifications: \$100 to \$3,500 Certification and licensing: \$45 to \$1,000	\$2,100,000

REVENUE ESTIMATES

Tanker truck certification fees (ORS 468.065)	Owners and operators of gasoline delivery tanker trucks	3,200	\$25	\$80,000
Oregon low emission vehicle fees (ORS 468.065)	Large and intermediate volume manufacturers of light and medium-duty vehicles sold in Oregon	Approximately 14	The annual fee of \$200,000 will be apportioned among the manufacturers according to reported market share in Oregon for the previous year.	\$400,000
Greenhouse gas reporting fees (ORS 468.065)	Industrial sources that emit 2,500 metric tons or more of carbon dioxide equivalent	Approximately 180	12.5 percent of ACDP permit fees and 15 percent of Title V fees with a \$4,500 cap	\$996,805
Miscellaneous Other Funds – Receipts authority, cost reimbursement, misc. permits (ORS.468.073, .035, 065)	Expedited or enhanced services to regulated entities, air monitoring services to federal and local governments and miscellaneous permits.	Estimate 10 projects/biennium	Cost recovery	\$333,900 Article XI-Q bond proceeds: \$646,730

WATER QUALITY PROGRAM

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
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REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Wastewater Permit fees (ORS 468.065)	Individuals, businesses and government agencies who discharge stormwater or wastewater	About 5,070	\$25 to \$114,734 (as of November 2017) The 2019-21 estimate includes revenue from the equivalent of two annual 3 percent fee increases for most permit types. DEQ proposed fee increases in packages 121 (“Ensure Protective Onsite Septic Systems”), 122 (“Setting and Implementing WQ Standards”), and 127 (“Water Quality Permit Program Improvements”). The Governor’s Recommended Budget recommends package 127, but does not recommend packages 121 and 122. Revenue to support package 127 was included in the Agency Request Budget, but omitted from the Governor’s Recommended Budget. If the legislature approves package 127, revenue will need to be added to the Legislatively Adopted Budget to support the package.	\$17,108,004

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Onsite Subsurface Sewage Disposal fees (ORS 454.605-454.755)	Home owners, businesses, manufacturers, maintenance providers, licensed pumpers and installers (directly or through a third-party certification program)	About 13,000 onsite actions and about 1,000 licensing actions, and 20 product approval applications	\$26 to \$3,296 The 2019-21 Agency Request Budget estimate included revenue from a fee increase proposed in packages 121 (“Ensure Protective Onsite Septic Systems”), but the Governor’s Recommended Budget does not recommend approval of package 121.	\$4,047,456
Sewage Treatment Works Operator Certification fees (ORS 448.405 -448.430 & 448.992)	Owners and operators of sewage treatment works and Wastewater system operators	New Certificate Applications (~565) Renewal Applications (~1,450) System Owners (~325)	Certificate fees: \$50 to \$340; Annual owner fees: \$80 to \$33,600	\$676,000
401 Dredge and Fill fees (ORS 468B.047)	Individuals, governments or businesses applying for a dredge and/or fill certification	About 200	\$985 to \$17,780 based upon workload associated with the scale and complexity of the proposed project	\$1,318,190

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
<p>Hydroelectric Fees, Collected by Department of Water Resources: Annual Fee and Application Fee; and Hydroelectric Fees Collected by Department of Environmental Quality (ORS 536.015, 543.078, 543.080, 543.710, 543A.415, and 468.065(3))</p>	<p> Holders/owners of Oregon hydroelectric water rights pay annual fees; hydroelectric project owners applying to renew their FERC license or state water right pay application fees</p> <p> Applicants for certification of hydroelectric projects; holders of certification or water rights; persons submitting a notice of intent to seek reauthorization, a preliminary application or an application for reauthorization of a water right for a hydroelectric project. No fees can be collected under ORS 468.065(3) and ORS 543A.405 for performance of the same work.</p>	<p> Approximately 150 water rights held by a smaller number of payers; power generating corporations, including PGE, Idaho Power, and Pacificorp.</p> <p> Estimate: 1-3 new applications; 8 project specific fee payers</p>	<p> Annual fee varies for six different fee classes based on the type of hydroelectric water right and factual parameters. Cost reimbursement for review of application for water quality certification; and project specific fee are set to pay for DEQ's reasonable and necessary cost of overseeing implementation of the certification conditions.</p>	<p style="text-align: center;">\$970,954</p>

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
State Revolving Loan Fund Fee (ORS 468.440)	Entities receiving a SRF loan which currently are only public agencies	About 98 borrowers (143 loans)	<p>Annual loan fee of 0.5% of the unpaid loan balance.</p> <p>The 2019-21 Agency Request Budget revenue estimate included a \$3,350,000 revenue transfer from the Non Limited budget in package 182 to the Water Quality budget to support package 163, “Clean Water SRF Loan Management Software,” but the Governor’s Recommended Budget does not recommend the revenue transfer.</p>	\$8,322,778
Miscellaneous Other Funds - Receipts authority, cost reimbursement (ORS 468.073; ORS 468.035)	Regulated entities that agree to pay for expedited or enhanced services. Federal government or other public or private agencies for the purposes of water pollution control, studies or research.	Estimate 10-12 projects	Cost recovery	\$3,129,549
ORELAP accreditation fees and cost reimbursement associated with laboratory accreditation (transferred from Oregon Health Authority – Chapter 1063, 1999 Session Laws)	Private and public laboratories; partially subsidized by Federal Funds passed through the Oregon Health Authority to DEQ.	About 130 labs	\$890 to \$5,250 per lab; cost reimbursement for out-of-state labs; partial subsidy by Drinking Water Program dollars	\$165,000

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Alternative enforcement proceeding fee (ORS 468B.032)	A person who is served with a notice of civil penalty or other formal enforcement action who files a written request for an alternative enforcement proceeding written request within 20 days from the date of service of the notice.	0-2	\$2,000 process fee and \$3,650 hearings fee	\$0
Underground Injection Control fees (ORS 468B.195 and 468B.196)	Owners and operators of underground injection control systems	About 253 operating ~7 systems each	\$100 to \$10,000	\$340,000
Suction Dredge Mining Permit Surcharge (Chapter 783, 2013 Laws)	Persons who operate a suction dredge as described in ORS 468B.052 under a permit issued by DEQ under ORS 468B.050.	1,450	\$150 (from October 1, 2013, to December 31, 2015)	\$0

REVENUE ESTIMATES

LAND QUALITY PROGRAM

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
<p>Product Stewardship Fund (Paint stewardship fees) (ORS 459A.820-.855)</p> <p>Fee to accompany plan review and annually thereafter</p>	<p>Paint stewardship organization submitting plan for and operating an architectural paint stewardship pilot program</p>	<p>1</p>	<p>Plan submittal \$10,000, annual fee \$40,000.</p>	<p>Fees: \$80,000</p>
<p>Solid Waste Permit Fees (ORS 459.235)</p> <p>Fees assessed on facility operators, primarily based on tons of waste</p>	<p>Landfills, composting and treatment facilities</p>	<p>254 facilities including active and closed municipal and industrial landfills, municipal and industrial transfer station/ material recovery facilities, compost facilities, an energy recovery facility, treatment facilities; varying number of entities applying for beneficial use determinations or other approvals</p>	<p>Annual compliance fees based on tonnage of waste disposed/composted. Minimum annual fee:</p> <ul style="list-style-type: none"> • \$200 for active permits • \$150 for closure permits • \$100 for compost registration permits • \$500 for compost general and full permits <p>Other rates for specific services including beneficial use determinations.</p>	<p>Fees: \$9,000,000</p>
<p>Solid Waste Disposal Fees (ORS 459A.110- 459A.120)</p> <p>Per ton fee on facility operators</p>	<p>Municipal solid waste disposal sites and solid waste exporters</p>	<p>26 facilities, primarily municipal disposal sites, including exporters and demolition landfills</p>	<p>\$1.18 cents per ton of solid waste disposed.</p>	<p>Fees: \$14,700,000</p> <p>Local government joint project revenue: \$200,000</p>

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Waste Tire Fees (ORS 459.730, 459.750, 459.765) Fees associated with transport, storage and beneficial reuse of waste tires.	Businesses storing more than a specified number of waste tires; carriers (transporters) of waste tires	29 fee payers - permitted storage sites and carriers	\$250/year annual storage site compliance fees; \$175/year carrier annual compliance fees, plus \$25 per vehicle; \$25 permit renewal fees; interest earnings.	Fees: \$8,000 Interest: \$49
Electronic Waste Fees Manufacturer Registration Fee (ORS 459A.315 and 459A.355) Based on percentage of covered units sold in the state in previous year	Manufacturers of “covered electronic products” (televisions, desktop and portable computers, computer monitors and printers) who sell those products in Oregon	Approximately 123 manufacturers	Fee schedule recalculated each year to raise revenue specified in rule; amounts will vary depending on market share distribution. • 7 tiers in 2015: \$40; \$200; \$200; \$200; \$488; \$3,689; \$17,216	Fees: \$450,000
Electronic Waste Recycling Fees (ORS 459A.325 and 459A.355) Cost of state contractor recycling program allocated to manufacturer participants	Manufacturers who participate in the state-administered contractor electronic waste recycling program	Approximately 94 manufacturers	Varies based on cost of program, number of manufacturers sharing cost and manufacturers’ “return share”.	Fees: \$4,400,000 Interest: \$30,000
Unwanted Drug Take-Back Fees HB 2065 Related to POP 130 (<i>not recommended in the Governor’s Budget</i>)	Drug manufacturers	One	To cover DEQ program costs	Fees: \$350,000

REVENUE ESTIMATES

Hazardous Waste Treatment Storage & Disposal Fees (ORS 466.045, 466.160) Fees assessed on facility operators; cost recovery for corrective action (cleanup)	Facilities that treat, store or dispose of hazardous wastes	Compliance fees: 2 facilities Cost recovery: 3 to 5 facilities	Compliance fees range from \$18,750 - \$150,000 per facility per year, but facility may pay multiple fee types; various permit modification fees. Cost recovery recoups DEQ oversight costs. DEQ is requesting permission to increase fees administratively in 2019.	Fees: \$592,000 Cost recovery: \$300,000
Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Hazardous Substance Possession Fee – Toxics Use Reduction (ORS 453.400, 453.402) Fee collected by State Fire Marshal	Persons who are required to report chemical possession under the Community Right to Know Laws	Fees collected by State Fire Marshal from 4,000 to 5,000 businesses per year	Fee set to generate approved revenue amount – rates based on type and quantity of substance possessed	Fees: \$1,000,000
Hazardous Waste Generator Fees (ORS 466.165 – annual compliance fees; ORS 466.077 – generator identification fee) Annual fees assessed on businesses generating hazardous waste above threshold quantities; processing fee for issuing new identification numbers.	Regulated generators of hazardous substances	About 175 large quantity generators and 300 small quantity generators. About 130 new identification numbers issued per year.	Through 2018, annual compliance fee includes a flat fee ranging from \$300 to \$525; plus an amount based on the volume of hazardous waste generated and the manner in which waste is managed. (Base rate: \$130/ton; capped at \$32,500) Registration fee is a one-time \$200 fee. DEQ is requesting permission to increase fees administratively in 2019.	Fees: \$4,680,000
Hazardous Waste Land Disposal Fees (ORS 465.375 – .376) Fees assessed per ton of waste (1/3 of fees are allocated to this fund and 2/3 to the Hazardous Substance Remedial Action Fund,below)	Fees assessed on each ton of waste brought into the Arlington facility	Collected by facility operator; number of payers unknown. Waste received from Oregon generators is typically less than 50% of total disposed; the balance is from out of state generators.	1/3 of the following fees: Hazardous waste - \$30/ton Cleanup waste - ranges from \$2.50/ton (very large quantities) to \$20/ton HW treated at the facility - \$15 per ton Other waste - \$2 per ton	Fees: \$771,000
LUST Cost Recovery	Owners of	Average number of	Cost recovery of DEQ	Charges For

REVENUE ESTIMATES

Recovery of DEQ costs at each cleanup site (ORS 465.210)	underground tanks requiring cleanup	cleanups invoiced/year: 300 to 400	oversight costs.	Services: \$2,000,000
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Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Underground Storage Tank Fees (ORS 466.783 – 466.785) Annual compliance fees assessed on each petroleum tank; also permit modification and new installation fees	Owners and operators of underground petroleum storage tanks	About 1,647 facilities with operating permits; 5,034 tanks. Approximately 80 permit modifications, 20 new installations, 20 discovered tanks per year.	<ul style="list-style-type: none"> • For calendar 2020, \$295 per tank per year, after 2020, \$325 per year. • \$75 permit modification fees (change in permit information) • \$400 per new tank installed 	Fees: \$4,264,657
UST Contractor Licensing Fees (ORS 466.750, 466.787) Fees assessed on licensed contractors and construction supervisors	UST service providers (contractors) and supervisors	Contractors: ~100 Supervisors: ~250	Contractors: \$300/year Supervisors: \$150/2 yrs	Fees: \$83,600
Heating Oil Tank Contractor Licensing Fees (ORS 466.868) Fees assessed on licensed contractors and construction supervisors	Heating oil tank service providers (contractors) and supervisors	Contractors: ~50 Supervisors: ~120	Contractors: \$750/year Supervisors: \$150/2 yrs LC 467 requests a fee increase.	Fees: \$142,400
Heating Oil Tank Filing Fees (ORS 466.872) Fees assessed for filing certifications of tank removal (decommissioning) or cleanup	Heating oil tank owners (primarily homeowners) requesting certification of tank removal or cleanup	Cleanups - about 1,400 per year Decommissionings – about 700 per year	\$200 for cleanups \$75 for decommissionings LC 467 requests a fee increase.	Fees: \$1,154,300
UST Compliance and Corrective Action Fund (ORS 466.791, 466.837, 466.994) Penalties assessed for violations	Violators of underground storage tank regulations, including pilot program for field citations	Unknown – depends on number of violations.	Field citations range from \$50 to \$500. Traditional penalty amounts depend on severity of violation.	Fines: \$123,600

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
<p>Hazardous Substance Remedial Action Fund (ORS 465.330; 465.375 – .376; 465.381). Three sources: (1) Assessment on each ton of hazardous waste disposed at the disposal facility near Arlington* (2) Cost recovery (3) Interest earnings</p> <p>* 2/3 of fees are allocated to this fund and 1/3 to the Hazardous Waste Land Disposal fund (above)</p>	<p>Firms disposing of hazardous waste at state's only hazardous waste landfill near Arlington</p> <p>Property owners and operators cleaning up contamination with DEQ oversight</p>	<p>Fees collected by facility operator; number of payers unknown</p> <p>Average number of cleanups invoiced/year: 750</p>	<p>2/3 of the following fees: Hazardous waste - \$30/ton Cleanup waste - ranges from \$2.50/ton (very large quantities) to \$20/ton HW treated at the facility- \$15 per ton Other waste- \$2 per ton</p>	<p>Fees: \$1,522,000</p> <p>Cost recovery: \$18,644,555</p> <p>Interest: \$150,000</p> <p>Other: \$130,000</p>
<p>Dry Cleaner Environmental Response (465.510; 465.517 - .525) - Dry cleaner industry fees remitted to DEQ; per gallon fees on solvent purchased, collected by distributors; deductible from operators for sites eligible for fund-paid cleanup</p>	<p>Dry cleaning facilities (active and inactive) and dry stores</p>	<p>About 293 dry cleaning active and inactive facilities, dry stores and solvent suppliers</p>	<p>Annual fee of \$500 or \$1,000, depending on solvent use; 1 percent gross revenue fee on dry cleaning services; Fees per gallon of solvent: PCE-\$10 Other - \$2.00 Deductible of \$5,000 to \$10,000 Cost recovery through insurance settlements</p>	<p>Fees: \$779,700</p> <p>Cost recovery: \$92,000</p> <p>Interest: \$7,715</p>

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
<p>Orphan Site Account – Industrial Sites (ORS 468.195 - .220; 465.381) Bonds financed by General Fund & fees; interest earnings; cost recovery of previously expended orphan site account funds.</p>	<p>Most commonly, insurers of responsible parties of sites that have been declared orphans. Most responsible parties are unable to pay part or all of cleanup costs.</p>	<p>Varies, often none.</p>	<p>N/A</p>	<p>Cost recovery: \$203,000</p> <p>Interest: \$40,000</p> <p>Transfer In: \$5,182,500</p>
<p>Hazardous Substance Possession Fee – Orphan Site Program (ORS 453.400 - 402) Fee on qualifying substance of which reporter possesses the most;</p>	<p>Persons who are required to report chemical possession under the Community Right to Know Laws</p>	<p>Fees collected by State Fire Marshal from 4,000-5,000 businesses per year</p>	<p>Fee set to generate approved revenue amount – rates based on type and quantity of substance</p>	<p>Fees: \$1,000,000 (all transferred to debt service account)</p>

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
based on type and quantity of substance possessed			possessed	Transfer Out: -\$988,143
Orphan Site Account – Solid Waste Sites –(ORS 459.236; 465.381) Fee assessed on solid waste tonnage reported by disposal facility operators and transporters; interest earnings; cost recovery of previously expended SW orphan account funds	Municipal solid waste disposal facilities and transporters disposing of waste out of state	26 facilities, primarily municipal disposal sites, but also including exporters and demolition landfills	13 cents per ton of solid waste disposed	Fees: \$1,600,000 Interest: \$200,000
Spill Penalty Funds (ORS 468B.450-455; 466.992) Penalties assessed for violations.	Willful or negligent dischargers of oil into the waters of the state; violators of a provision of the state's laws and rules covering spill response and cleanup of hazardous materials	Unknown – depends on the number of violations.	Commensurate with incurred damage; up to \$10,000 a day	Penalties: \$82,000 Interest: \$3,400

REVENUE ESTIMATES

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Ballast Water Fees (ORS 783.636, 783.638)	Vessels carrying ballast water into the waters of the state.	Typical trips/year: 1,500	\$88 per trip	Fees: \$245,000
Oil Spill Prevention Fee (ORS 468B.405) Annual fee on facilities (includes pipelines); fee per round trip on tankers, vessels, barges	Petroleum-handling facilities (includes pipelines); petroleum tankers; vessels and barges using ports and navigable waterways	17 facilities Typical trips per year: Tankers: ~ 50 Vessels: ~1,450 Barges: ~600	\$9,250 annual facility fee Per trip: Tankers - \$85 or \$2,100 depending on size Cargo vessels - \$105 Barges - \$85-250 LC 468 requests an increase to these fees.	Fees: \$1,880,000 Interest: \$1,183
Rail Fees (HB 2064)	Railroad owners and operators	Probably less than 10	Not yet determined	\$750,000
Illegal Drug Lab Cleanup Funds (ORS 475.405 - .495) Three sources: Asset forfeitures related to drug-arrests, Cost recovery from responsible parties, court-ordered restitution	Responsible Parties Law Enforcement Agencies	N/A	N/A	Asset forfeitures: \$150,000 Transfers In: \$50,000 Cost recoveries, restitution & interest: \$10,600
Highway Spill Fund – Petroleum Product Withdrawal Delivery Fees (ORS 465.101-.131) Fee by State Fire Marshal rule, assessed on loads of petroleum withdrawn from a bulk petroleum facility. Also includes cost recovery of fees expended for spill response	Fee: Firms withdrawing bulk loads (e.g. truckload) of petroleum. Cost recovery: companies or individuals responsible for releases of hazardous substances on or from highways of the state.	Fee payers: Unknown	Fee: \$7.00 per load in total (DEQ allotment is a small part of fee collected) Cost recovery: actual DEQ cost, including indirect costs	Fees: \$155,444 Cost recovery: \$170,000

REVENUE ESTIMATES

AGENCY MANAGEMENT

Source (authority)/ how assessed	Who pays	Number of payers	Rate(s)	19-21 Estimate
Bond Fund Administration (ORS 468.230)	Administrative expenses are paid for out of Bond proceeds and interest earnings.	N/A	N/A	\$217,776
Green Permits (ORS 468.506) Fee assessed on each Green Permit application.	Applicant for Green Permit program	Applicants in 2016: 2	All direct and indirect cost associated with permit issuance with a \$5,000 minimum and \$25,000 maximum.	\$1,725
Tax Credit Fees (ORS 468.165) and (ORS 468.41) Fee assessed on each tax credit application.	Applicants for Pollution Control Facilities Tax Credits.	Applicants in 2001: 309	Certification fee equal to one percent of cost claimed in application with a \$50 minimum and \$15,000 maximum.	\$0

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

**Environmental Quality, Dept of
2019-21 Biennium**

Agency Number: 34000

Cross Reference Number: 34000-000-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Lottery Funds						
Transfer In Lottery Proceeds	-	-	-	10,201	-	-
Tsfr From Watershed Enhance Bd	4,088,464	4,610,577	4,732,711	5,322,214	5,322,214	-
Total Lottery Funds	\$4,088,464	\$4,610,577	\$4,732,711	\$5,332,415	\$5,322,214	-
Other Funds						
Business Lic and Fees	66,533,742	69,491,609	71,863,355	100,598,480	86,896,695	-
Non-business Lic. and Fees	27,128,376	27,805,476	27,805,476	28,921,162	28,737,162	-
Charges for Services	19,984,984	23,771,867	23,771,867	26,382,933	26,382,933	-
Admin and Service Charges	4,388,359	5,093,015	5,345,944	7,569,507	7,569,507	-
Fines and Forfeitures	2,307,675	1,255,000	1,255,000	1,205,600	1,205,600	-
General Fund Obligation Bonds	-	-	2,965,300	2,034,700	2,034,700	-
Interest Income	590,914	306,164	306,164	442,347	442,347	-
Loan Repayments	165,000	-	-	-	-	-
Other Revenues	2,156,791	11,410,400	11,410,400	11,806,320	11,806,320	-
Transfer In - Intrafund	3,899,355	5,335,347	5,335,347	14,246,211	10,896,211	-
Transfer In - Indirect Cost	17,433,374	20,154,083	20,840,555	26,445,421	25,382,324	-
Transfer In Other	-	-	-	321,096	41,278	-
Tsfr From Revenue, Dept of	2,026,418	20,127,859	20,127,859	25,780,444	25,780,444	-
Tsfr From Police, Dept of State	28,390	50,000	50,000	50,000	50,000	-
Tsfr From Oregon Health Authority	1,412,062	1,855,116	1,529,964	1,669,749	1,669,749	-
Tsfr From Agriculture, Dept of	1,116,582	1,219,374	1,219,374	1,272,295	1,272,295	-
Tsfr From Geology/Mineral Ind	502	7,500	7,500	7,500	7,500	-
Tsfr From Water Resources Dept	722,335	681,921	681,921	714,000	714,000	-
Tsfr From Watershed Enhance Bd	47,495	-	-	-	-	-
Tsfr From Transportation, Dept	1,328,810	2,205,012	2,205,012	2,003,602	2,003,602	-

____ Agency Request
2019-21 Biennium

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____ Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

Environmental Quality, Dept of
2019-21 Biennium

Agency Number: 34000
Cross Reference Number: 34000-000-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Other Funds						
Transfer Out - Intrafund	(2,083,346)	(1,640,990)	(1,640,990)	(1,701,854)	(1,701,854)	-
Transfer Out - Indirect Cost	(14,389,868)	(16,831,284)	(17,413,741)	(22,484,698)	(21,421,601)	-
Transfer to General Fund	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
Tsfr To Administrative Svcs	-	-	(44,175)	-	-	-
Tsfr To Oregon Climate Authority	-	-	-	-	(932,120)	-
Tsfr To Oregon Health Authority	(150,000)	-	-	-	-	-
Tsfr To Geology/Mineral Ind	(258,682)	(259,000)	(259,000)	(259,000)	(259,000)	-
Total Other Funds	\$132,381,608	\$171,038,469	\$176,363,132	\$226,025,815	\$207,578,092	-
Federal Funds						
Federal Funds	25,248,082	32,465,834	32,866,345	33,432,066	33,432,066	-
Transfer Out - Indirect Cost	(3,043,506)	(3,322,799)	(3,426,814)	(3,960,723)	(3,960,723)	-
Total Federal Funds	\$22,204,576	\$29,143,035	\$29,439,531	\$29,471,343	\$29,471,343	-
Nonlimited Other Funds						
Federal Revenues	42,282,182	30,000,000	30,000,000	63,000,000	63,000,000	-
Charges for Services	43,195	-	-	40,000	40,000	-
General Fund Obligation Bonds	10,000,000	20,300,000	20,300,000	25,065,000	25,065,000	-
Refunding Bonds	3,222,000	-	-	-	-	-
Interest Income	21,531,858	22,019,440	22,019,440	20,064,200	20,064,200	-
Loan Repayments	66,791,205	52,000,000	52,000,000	95,000,000	95,000,000	-
Other Revenues	20,000	-	-	-	-	-
Transfer In - Intrafund	38,037,204	15,787,889	15,787,889	15,848,330	15,848,330	-
Transfer Out - Intrafund	(39,853,213)	(19,482,246)	(19,482,246)	(28,392,687)	(25,042,687)	-
Total Nonlimited Other Funds	\$142,074,431	\$120,625,083	\$120,625,083	\$190,624,843	\$193,974,843	-

___ Agency Request
2019-21 Biennium

___X___ Governor's
Budget Page _____

___ Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

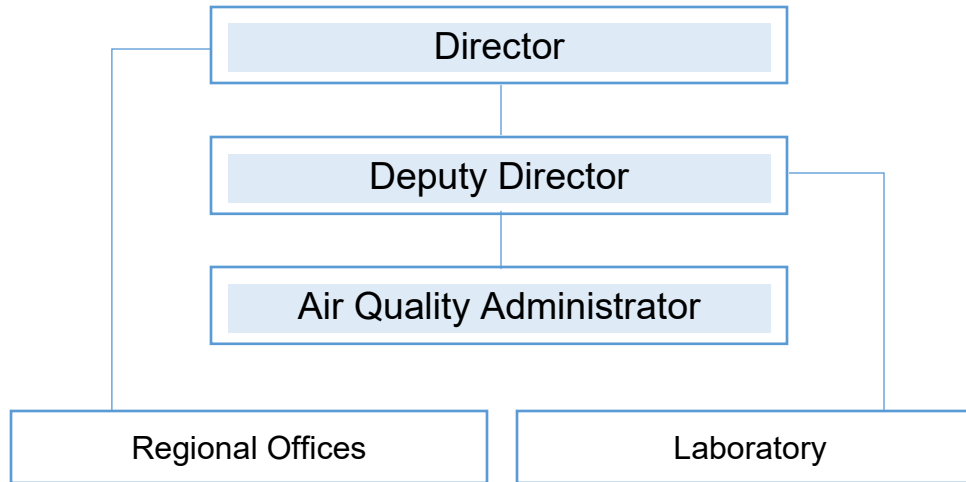
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State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality

Air Quality Program Organizational Chart



<p>Operations, Permitting and Certifications</p> <ul style="list-style-type: none"> • ACDP • Title V • Cleaner Air Oregon • Asbestos • Indirect Source Permits • Gasoline Vapor Recovery Program • Process Improvements 	<p>Planning and Strategy</p> <ul style="list-style-type: none"> • State Implementation Plans • Rulemaking • Clean Fuels • Climate Change • Grant Management • Air Toxics 	<p>Technical Services</p> <ul style="list-style-type: none"> • Emissions Inventory • Emissions Modeling • Green House Gas Reporting 	<p>Transportation and Mobile Sources</p> <ul style="list-style-type: none"> • Vehicle Inspection Program • EV Rebate Program • VW Settlement Distribution • Clean Diesel Grants
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AIR QUALITY

EXECUTIVE SUMMARY

Primary Outcome Area: Responsible Environmental Stewardship

Secondary Outcome Area: Thriving Statewide Economy

Tertiary Outcome Area: Excellence in State Government

Program contact: Nancy Bennett, Policy and External Relations Manager

permittees, Medford and Portland vehicle owners, asbestos abatement contractors, homeowners removing old polluting woodstoves, grant recipients of diesel emission reduction projects, recipients of Electric Vehicle rebates and communities with air pollution problems.

PROGRAM OVERVIEW

DEQ's Air Quality Program manages and restores Oregon's air to protect people from breathing harmful toxics and pollution, reduce greenhouse gases, ensure the state's beautiful vistas remain visible and maintain the ability of business and industry to locate and thrive in our communities.

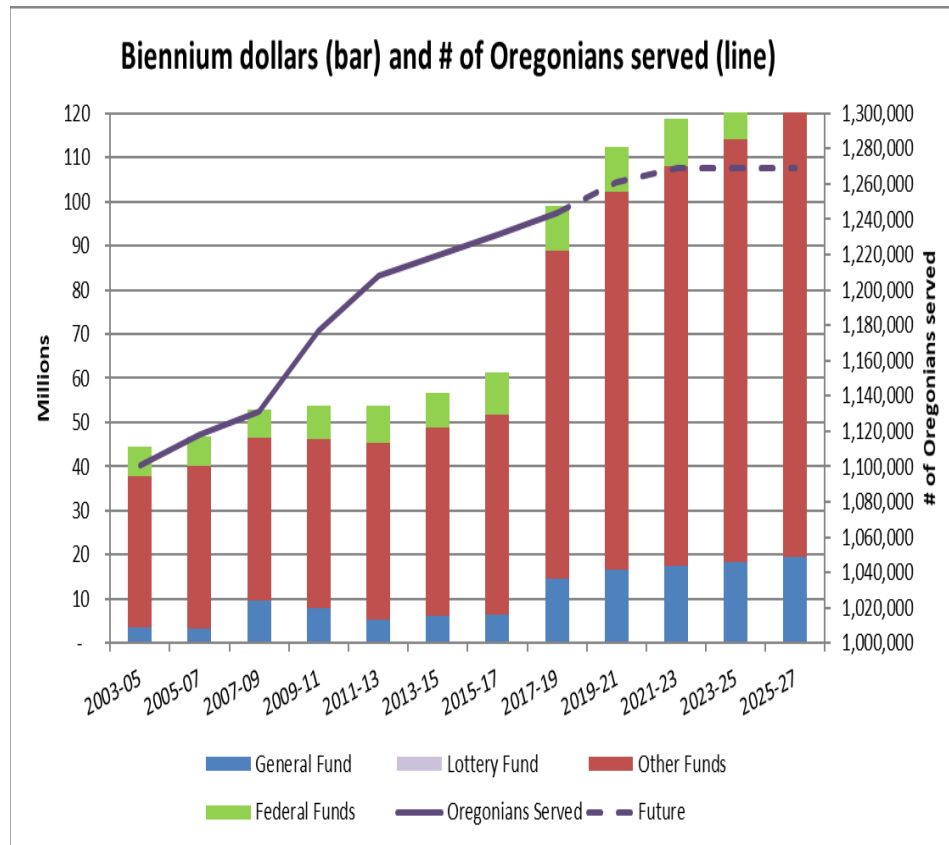
PROGRAM FUNDING

The Air Quality program 2019-2021 Governor's Recommended Budget totals \$109,622,852, with 251 full-time equivalent employees. These resources enable DEQ to continue progress toward reducing traditional pollutants such as particulate and smog and toxic air pollutants such as cadmium, hexavalent chromium, benzene and diesel emissions.

PROGRAM DESCRIPTION

Oregonians place a high value on clean air and a healthy environment to support people and a thriving economy. DEQ's Air Quality Program protects Oregonians' health and the environment by assessing environmental conditions through monitoring and scientific analysis, determining and implementing pollution control strategies in statewide and in individual communities, and regulating sources of air pollution through permits, inspections and enforcement.

DEQ works closely with communities in developing local clean air plans to meet federal air quality standards. Working with local governments, neighborhood groups and business stakeholders is critical to program success, especially in densely populated urban areas in which pollution from cars and trucks, woodstoves, manufacturing and construction threaten people's health. Some strategies are implemented at the community level, such as federal grant-based woodstove change out programs or regional air toxics reduction plans, and other strategies are implemented throughout the



TEN-YEAR PLAN

Although every Oregonian benefits from clean air, for the figure above DEQ is counting *Oregonians served* as: industrial and commercial

AIR QUALITY

state, such as regulation of industrial emissions and tailpipe standards for new cars and trucks.

PROGRAM JUSTIFICATION AND LINK TO LONG TERM OUTCOMES

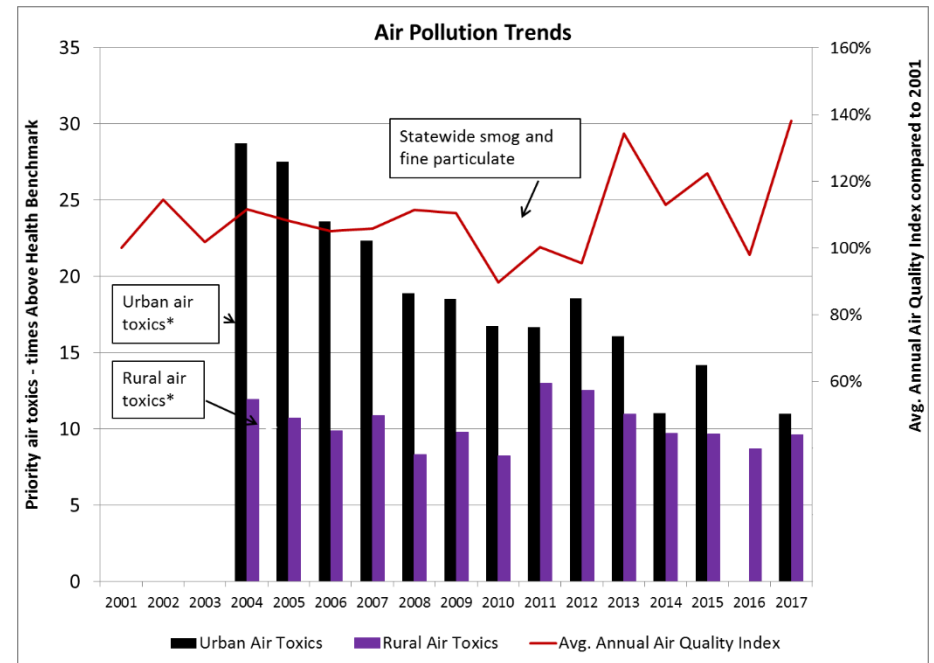
DEQ's Air Quality Program links to the Responsible Environmental Stewardship, Thriving Statewide Economy and Excellence in State Government outcome areas by improving and protecting Oregon's air quality. The program accomplishes this by meeting federal air quality standards, reducing emissions of air toxics that exceed health benchmarks, reducing greenhouse gas emissions from transportation sources and ensuring compliance with emission limits for permitted industrial facilities to support healthy, livable communities and address environmental justice issues.

DEQ's Air Quality Program reduces air pollution that threatens human health and the environment, including emissions from vehicles, woodstoves, fuels, solvents, field burning, asbestos removal, power generation, industry and other pollution sources. Since DEQ's Air Quality Program was established in 1969, Oregon's air has improved considerably. Levels of smog, soot and carbon monoxide have declined dramatically statewide despite substantial pollution growth so that now only three communities violate federal standards. Major challenges ahead include reducing exposure to cancer-causing air toxics by developing and implementing human health risk-based rules for industrial facilities, reducing benzene and diesel exhaust from the transportation sector, addressing the likely adoption of more stringent federal standards for several pollutants and reducing greenhouse gas emissions.

The Air Quality Program collaborates with other natural resource agencies on climate research and greenhouse gas reductions and smoke management. The program is also working closely with the Oregon Health Authority on Cleaner Air Oregon, a new initiative to update industrial air toxics regulations to assess and in some instance reduce the potential for public health risks.

PROGRAM PERFORMANCE

Program performance can be measured in many ways. The figure to the right uses monitoring data to show air pollution trends for traditional pollutants, such as smog and fine particulate and air toxics such as benzene and arsenic. The toxics data includes urban and rural levels.



Many factors influence air quality including land use, weather and forest fires. Overall, Oregon's air continues to improve due to efforts such as DEQ's vehicle inspection program, standards to increase mileage and reduce emissions in cars and trucks, programs to reduce vapor leaks from fuel distribution, programs to change out inefficient wood stoves and retrofit diesel engines, and regulations limiting emissions from industry. In 2013, prolonged air stagnation events in southern Oregon, coupled with woodstove smoke, caused the sharp spike in the annual average air quality index. The 2014 winter season was warmer than 2013, with no prolonged stagnation events, which helped to improve results. Wildfires were a leading cause of increased pollution in 2015 and 2017.

AIR QUALITY

Other measurement metrics include unhealthy air days for sensitive populations (e.g. children and asthmatics) (2017: 6 unhealthy air days for sensitive groups); Air Contaminant Discharge Permit timeliness (2017: 78 percent); Title V Permit timeliness (2017: 42 percent); Vehicle Inspection customer service (2017: 97 percent rated good to excellent).

ENABLING LEGISLATION/PROGRAM AUTHORIZATION

DEQ administers state and federal laws regulating air quality. The U.S. Environmental Protection Agency delegates authority to DEQ to implement the federal Clean Air Act in Oregon, which includes programs to meet federal air quality standards and regulate Oregon industry through permitting, inspection and the removal of old polluting wood stoves when homes are sold. DEQ also administers the Clean Diesel Program, a financial assistance program to retrofit diesel engines with exhaust controls to reduce emissions. DEQ's statutory authorities for the air program in the Oregon Revised Statutes are:

Chapter 468 — Environmental Quality Generally
Chapter 468A — Air Quality

The Oregon Environmental Quality Commission adopts Oregon Administrative Rules that implement federal and state laws. Oregon Administrative Rule Chapter 340, Divisions 11 to 12 and 200 to 270 contain DEQ's air quality rules. EQC is a five-member citizen commission whose members are appointed by the governor, subject to confirmation by the Senate. In addition to adopting rules, EQC also establishes policy, and appoints the agency's director (ORS Chapter 468).

PROGRAM FUNDING

DEQ's Air Quality Program receives revenue from general fund, federal funds and other sources, such as licenses, fees and revenue transfers from other state agencies.

The Air Quality Program budget in the 2019-21 Governor's Recommended Budget includes general fund (13.5 percent), federal funds (9.5 percent) and other funds (77 percent).

SIGNIFICANT PROPOSED PROGRAM CHANGES FROM 2017-19 TO 2019-21 FUNDING

The Governor's Recommended Air Quality Program Budget for 2019-21 includes the restoration of 8.0 FTE in the Vehicle Inspection Program, and ten new positions to eliminate the permitting backlog as well as the conversion of 12.0 limited duration FTE to full time permanent FTE.

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PROGRAM NARRATIVE

Positions
FTE

265
251.15

AIR QUALITY DIVISION OVERVIEW

Oregonians' concern about environmental quality in general, and air pollution in particular, led to Oregon's statewide Air Quality Control Program in 1951. Beginning at that time and continuing with the creation of the Department of Environmental Quality in 1969, Oregonians have sought a clean environment that supports a strong economy and communities.

Today, the Oregon Department of Environmental Quality, in partnership with the Lane Regional Air Protection Agency, implements a wide variety of programs and policies designed to protect public health and the environment from air pollution. Together, these programs help all Oregonians, promote economic development and clean air and good visibility in the state's natural scenic areas area.

In addition to DEQ, Oregon air quality laws allow the formation of regional air pollution authorities to implement air quality programs within their jurisdictions. At present, the Lane Regional Air Protection Agency (LRAPA), serving Lane County, is the only regional authority in Oregon. Rules and programs administered by LRAPA must be at least as stringent as those DEQ implements.

This section provides an overview of DEQ's Air Quality Division, a summary of programs and policies currently in place to protect air quality, background information for decision makers and a summary of policy option packages proposed relating to Air Quality.

LIMITATION BY FUND TYPE, POSITIONS AND FULL-TIME EQUIVALENTS

PROGRAM LIMITATION	2019-21 GRB
General Fund	\$14,742,035
Other Funds	\$84,618,834
Federal Funds	\$10,261,983
All Funds	\$-109,622,852

ACTIVITIES AND PROGRAMS

Oregon implements both federal and state laws to protect and improve air quality.

This section provides a high-level summary of key air quality programs and policies organized by of source of air pollution.

A. STATIONARY SOURCE PROGRAMS AND ACTIVITIES

Stationary sources are industrial and commercial facilities with fixed emission points. DEQ operates two permitting programs to reduce emissions from point sources. The federal Clean Air Act requires the Title V Permit program for operating major sources of traditional "criteria" or hazardous air pollutants. Oregon has about 110 facilities requiring a Title V permit. The Air Contaminant Discharge Permit program applies to construction of new and modified point sources of all sizes as well as operation of medium sized point sources that are not subject to Title V. The ACDP program, which began in 1972, applies to about 2,600 facilities in Oregon.

Title V and ACDP permits contain emission limits, control technology requirements, equipment testing and reporting requirements and, if needed, compliance schedules. Permits ensure that pollution reductions necessary to meet air quality objectives are achieved. Title V permits also contain enhanced monitoring procedures to help facilities improve and maintain compliance. Activities include technical assistance, construction plan reviews, permit issuance and renewal, compliance inspections, investigation of complaints, pollution prevention recommendations and enforcement. In addition, the Title V and ACDP programs require ongoing rulemaking, policy and guidance development to incorporate frequently changing federal requirements.

In 2017, the Oregon Secretary of State released a performance audit of the ACDP and Title V permitting programs. The audit found that DEQ does not renew nearly 40 percent of the state's most complex air quality permits on time. Since that time, the program has been working to

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implement the ten recommendations issued in the audit. That work is described in greater detail in Policy Option Package 116 (Eliminate the Air Quality Permit Backlog).

While the current ACDP and Title V programs are intended to reduce industrial air toxics emissions, they do not cap the total amount of contaminants a facility may release. Nor do they restrict concentrations of pollutants based on the health risks they pose for people living or working nearby. Current industrial air toxics regulations are not designed to take into account the local impacts of industrial pollution on human health.

DEQ and the Oregon Health Authority are updating Oregon's industrial air toxics regulation to reduce the impact toxic air pollutants have on human health. This program is called "Cleaner Air Oregon." The Environmental Quality Commission will consider rules implementing this program in November 2018. If adopted, these rules will require existing and new stationary sources to assess the risk posed by their emissions and in certain cases take action to reduce risk. POP 119 (Implement Air Toxics Permitting Program) describes Cleaner Air Oregon and the associated fees in greater detail. DEQ will incorporate conditions and requirements imposed by new Cleaner Air Oregon regulations into a facility's existing ACDP or Title V permit by addendum.

B. AREA SOURCE PROGRAMS AND ACTIVITIES

Area sources are dispersed activities that individually emit small amounts of air pollution but collectively are significant. DEQ operates multiple programs to reduce emissions from area sources.

- **Open Burning program:** Designed to reduce public nuisances, encourage alternative disposal methods and resource recovery, and prohibit burning of toxic substances. This program has been operating since 1976 in coordination with local fire districts. Activities include complaint response, technical assistance and enforcement.
- **Field Burning program:** Protects visibility and minimizes smoke impacts on human health in the Willamette Valley. The Oregon Department of Agriculture operates this program, which began in

1975. The 2009 Legislature adopted Senate Bill 528, which eliminated most field burning in the Willamette Valley by 2010 and phased out stack burning and propane flaming in 2013. DEQ assists ODA by monitoring the air quality impacts of field burning and evaluating emergency burning requests.

- **Asbestos program:** Protects the public from airborne asbestos, a known human carcinogen. In addition to implementing federal requirements for asbestos, the program ensures safe handling of asbestos-containing material during asbestos removal and abatement projects.
- **Small Business Assistance program:** Provides pollution prevention recommendations to small businesses and assists these firms in meeting air quality requirements.
- **Air Pollution Advisories program:** Provides education and outreach efforts to reduce emissions from area and mobile sources. On days when smog or particulate matter threatens to reach unhealthy levels, DEQ issues air pollution advisories and recommends voluntary actions (e.g., carpooling instead of driving alone, not using a gas-powered lawn mower, not using fireplaces and delaying backyard burning) to keep the air healthy to breathe.
- **Heat Smart program:** Requires the removal and destruction of uncertified woodstoves or fireplace inserts upon sale of a home. DEQ tracks and ensures that old stoves are destroyed and also monitors woodstove resale channels to make sure uncertified stoves are not sold for use in Oregon.

C. MOBILE SOURCES PROGRAMS AND ACTIVITIES

Mobile sources include on-road vehicles such as cars and trucks as well as non-road engines such as construction equipment, locomotives, lawn and garden equipment and recreational vehicles such as marine and off road vehicles. DEQ works to reduce mobile source emissions through a combination of regulations and incentive programs.

- **Vehicle Inspection Program:** is among the most cost-effective emission reduction activities operated by DEQ. In operation since 1975, DEQ tests more than 1.2 million vehicles each biennium in the Portland and Medford areas to ensure that their emission control systems are properly maintained. When tuned according to manufacturer's specification, motor vehicles have

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optimal performance, reduced emissions and maximum fuel mileage. In recent years, the program has focused on improving the efficiency and experience for our customers. This includes self-service lanes at the Clean Air Stations and a new program that allows motorists to test their vehicles at private facilities. The new method allows testing wherever and whenever it's most convenient for the motoring public including at participating gas stations, auto dealership service centers, quick oil change locations and repair shops.

- **Employee Commute Options program:** Reduces drive-alone commute trips in the Portland area by promoting alternatives to workers and employers. The ECO program started in 1996 and applies to employers with 100 or more employees at a work site. DEQ activities include reviewing and approving trip reduction plans, helping businesses with their follow up surveys, and providing information and assistance to businesses and the public.
- **Clean Diesel program:** Addresses one of the most potent air toxics – diesel exhaust – to which Oregonians are exposed. Diesel engines, while useful, powerful and efficient, emit a complex mixture of gases and particles that lead to elevated risk for cardiovascular and respiratory diseases including cancer, asthma and bronchitis. EPA requires new diesel engines to be much cleaner, but the durability of the engines means that it will take years to get the old, polluting engines off the road. DEQ provides diesel fleet owners with innovative technical and financial assistance for installing particulate filters or repowering engines on existing vehicles and vehicle replacement. DEQ proposes to expand the projects eligible to receive Volkswagen Settlement agreement funds through Legislative Concept 463.

D. CLIMATE CHANGE PROGRAMS

DEQ's Air Quality Division implements Oregon's mandatory greenhouse gas reporting requirements and annually publishes a sector-based inventory of emissions occurring in this state and emissions associated with electricity used in this state, regardless of where it was generated. In addition to data collection and reporting, the division implements several programs designed to reduce greenhouse gas emissions.

- **Oregon Low and Zero Emissions Vehicle programs:** Together, these programs reduce greenhouse gas emissions associated with light-duty passenger cars by imposing fuel efficiency standards and requiring automobile manufacturers to sell increasing volumes of electric vehicles in Oregon.
- **Clean Fuels program:** Reduces transportation related greenhouse gas emissions by requiring the average carbon intensity of transportation-related fuels to decrease 10 percent by 2025. Oregon producers and importers of gasoline, diesel, ethanol, biodiesel and renewable diesel are required to meet the clean fuel standards by blending cleaner fuels (lower carbon intensity) or more clean fuels (higher volume) or purchasing credits from providers of clean fuels such as electricity, propane, natural gas or hydrogen.
- **Electric Vehicle Rebate program:** Provides rebates to Oregonians who purchase or lease electric vehicles. This program, authorized in 2017, encourages higher adoption of zero emission vehicles to reduce air pollution and advance progress toward the state's greenhouse gas reduction goals. The program offers a range of rebates depending on vehicle battery capacity and household income. The Legislature has funded rebates through 2023.

E. PLANNING, ASSESSMENT AND MONITORING PROGRAMS

Data-driven decision making is at the core of DEQ's air quality work. All air quality programs and initiatives rely on data collected and analyzed by two programs.

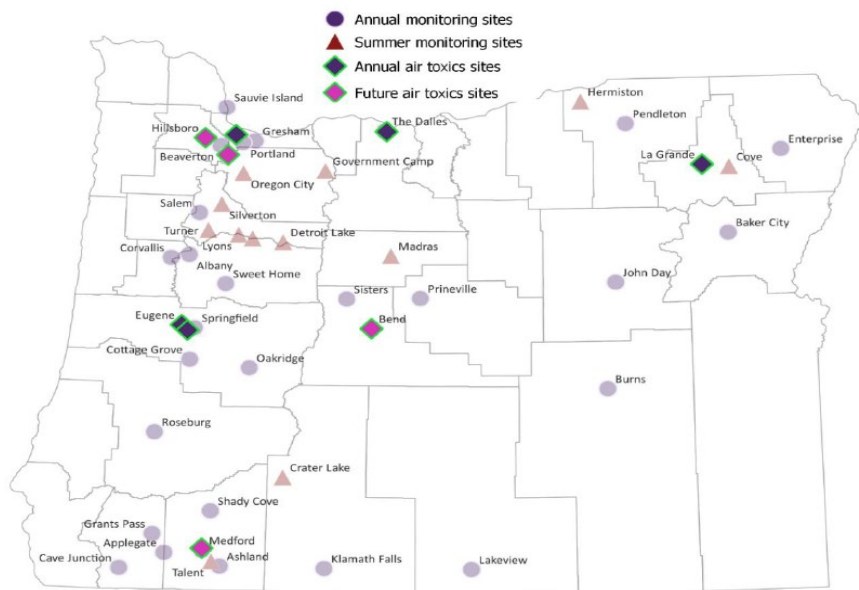
- **State Implementation Planning (SIP):** The SIP is Oregon's primary program to attain and maintain federal air quality health standards, prevent significant deterioration of air quality in areas that are cleaner than standards and protect visibility in pristine areas. Developing and updating the State Implementation Plan is a public process that DEQ carries out in close coordination with local governments, other state agencies, federal agencies, businesses and public interest organizations. Tailoring the plan to local conditions is critical for keeping economic and air quality needs in harmony. DEQ also engages in Advance Planning in the cities of Prineville and Lakeview. Advance Planning is a

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collaboration between DEQ and the local government designed to assess the sources of elevated pollution levels and implement strategies designed to prevent violation of federal air quality standards.

- **Air Quality Monitoring:** DEQ's laboratory measures air in order to track progress in meeting and maintaining health-based air quality standards, to track progress in reducing air toxics and to determine if a facility is in compliance with permit limits. The laboratory operates a network of monitoring stations across the state, as seen in the following map.

2018 Oregon Air Quality Monitoring Network



Oregon's monitoring network is undergoing a significant expansion due to General Fund investments the Legislature appropriated in 2016 and 2017. This expansion allows for a more comprehensive understanding of short- and long-term air quality trends in Oregon. Other analytical or technical services include development of quality assurance and project plans; data management; and sampling and monitoring in support of complaint investigations.

- **Technical Services:** A collection of data analysis and interpretation functions. This includes implementing the state's mandatory greenhouse gas reporting program, preparing an annual statewide greenhouse gas inventory, implementation air toxics emissions reporting requirements for stationary sources developing emission inventories for pollutants of concerns, and modeling air quality impacts of permitting and policy decisions.

IMPORTANT BACKGROUND INFORMATION FOR DECISION MAKERS

A. NATIONAL AMBIENT AIR QUALITY STANDARDS

Under the federal Clean Air Act, the U.S. Environmental Protection Agency has set health-based air quality standards, or criteria, for six pollutants: Particulate Matter (PM₁₀ and PM_{2.5}), Carbon Monoxide, Ground-level ozone (smog), Lead, Sulfur Dioxide and Nitrogen Dioxide. EPA requires all areas of the country to achieve and maintain these standards.

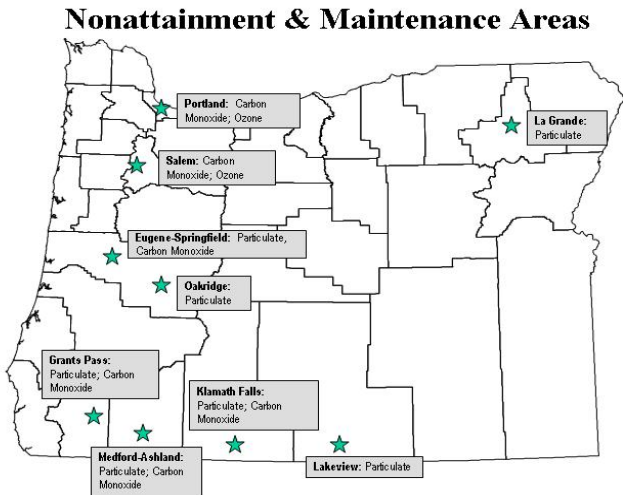
Particulate matter includes particles small enough to be inhaled by people, known as PM₁₀ and PM_{2.5}, or fine particulate. These pollutants tend to be of most concern during winter when emissions from heating and other sources are trapped close to the ground by atmospheric inversions, although summertime wildfires have had significant localized impacts in recent years. Carbon monoxide also tends to be of concern in winter, again due to atmospheric inversions trapping pollutants close to the ground, and because motor vehicles – particularly older models – operate less efficiently when they are cold. Ground-level ozone (smog), a corrosive form of oxygen, is primarily a summer season pollutant because the reactions that cause ozone require sunlight and heat. Ground level ozone is distinct from the ozone layer in the upper atmosphere that protects the earth from harmful ultraviolet rays. The remaining traditional pollutants are not of concern in Oregon.

Oregon has made tremendous progress in improving air quality. During the 1970s and 1980s, Oregon routinely violated federal clean air standards for particulate (smoke and dust), ozone (smog) and carbon monoxide. Thanks to federal, state and local pollution control programs, most areas in Oregon now consistently meet these standards. However,

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population growth in many areas of the state could lead to worsening air quality without ongoing pollution prevention activities.

The following areas have, at one time, violated one or more federal air quality standards: Portland, Salem, Eugene-Springfield, Klamath Falls, Medford-Ashland, Grants Pass, La Grande, Oakridge and Lakeview. The air pollutant(s) of concern for each area is identified on the map to the right.



Once an area violates federal standards, it is officially designated as a “nonattainment” area, and DEQ is required to develop a plan to bring the area back into attainment. DEQ has developed attainment plans for each of these areas, all of which have been approved by EPA. The Lane Regional Air Protection Agency is responsible for air quality assessment and protection activities in cities in Lane County like Eugene, Springfield and Oakridge.

When an attainment plan proves successful and air quality standards are met, DEQ may petition EPA to remove that area’s nonattainment classification. Removing this classification is important because it returns authority to local communities to decide whether to allow industrial growth, allows DEQ to repeal any pollution control measures that are no longer needed, and continues valuable coordination between air quality and transportation planning.

B. TOXIC AIR POLLUTANTS

Toxic air pollutants, also known as “air toxics” or “hazardous air pollutants,” are air pollutants known or suspected to cause serious health problems. There are literally hundreds of toxic air pollutants, and Congress has listed 188 of these pollutants for regulation under the federal Clean Air Act. Some toxic air pollutants are found in the air as particles while others are gases. They can be released directly from a wide variety of sources, from manufacturing to driving cars to home heating to small business activities.

Much less is known about the levels of toxic air pollution than the traditional criteria pollutants. Monitoring for toxics is very expensive because of the large number of toxic air pollutants and the demanding analytic techniques required for evaluating the samples collected.

Since 1994, DEQ has implemented federal air toxics pollution controls through major industrial source air permits. In October 2003, the Environmental Quality Commission adopted new air toxics rules that allow DEQ to fill in gaps in the federal program and protect public health. In 2016, Governor Brown established Cleaner Air Oregon and directed DEQ and the Oregon Health Authority to work together to fill even more gaps and adopt regulations that cap the total amount of contaminants a facility may release and restrict concentrations of pollutants based on the health risks they pose for people nearby.

A key element of the air toxic program is improving DEQ’s ability to monitor, inventory and predict toxic air pollution. This has allowed DEQ to identify source types, such as specific facilities, woodstoves, backyard burning and diesel engines that are contributing to unsafe levels of air toxics.

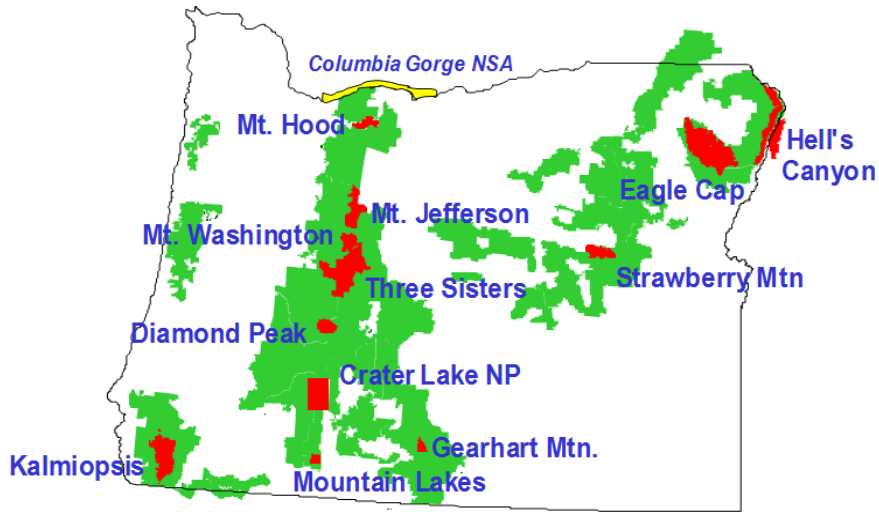
C. VISIBILITY

The federal Clean Air Act contains requirements for states to protect and improve visibility in national parks and wilderness areas in the country. In 1977, Congress designated certain national parks and wilderness areas as “Class I areas”, where visibility was identified as an important value. Currently in the United States there are 156 Class I areas. Oregon has 12 Class I areas, including Crater Lake National Park and 11 wilderness

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areas (see map above). These areas are important not only in the intrinsic value of their beauty but also in their importance to tourism in Oregon.

Oregon Class I Areas



DEQ submitted its original Regional Haze Plan, the rules designed to protect visibility in Class I areas, to EPA in 2009 and revised the plan in 2010 to reflect the closure of the Boardman coal-fired power plant by 2020.

Although not a Class I area, the Columbia River Gorge is nevertheless one of Oregon and Washington's most scenic areas and is the nation's only National Scenic Area. DEQ helped to lead a bi-state effort to improve visibility in the Columbia River Gorge, in conjunction with the public, four Native American Tribes, federal and state agencies, local governments in Oregon and Washington, stakeholders and the Columbia River Gorge Commission.

D. GREENHOUSE GAS EMISSIONS

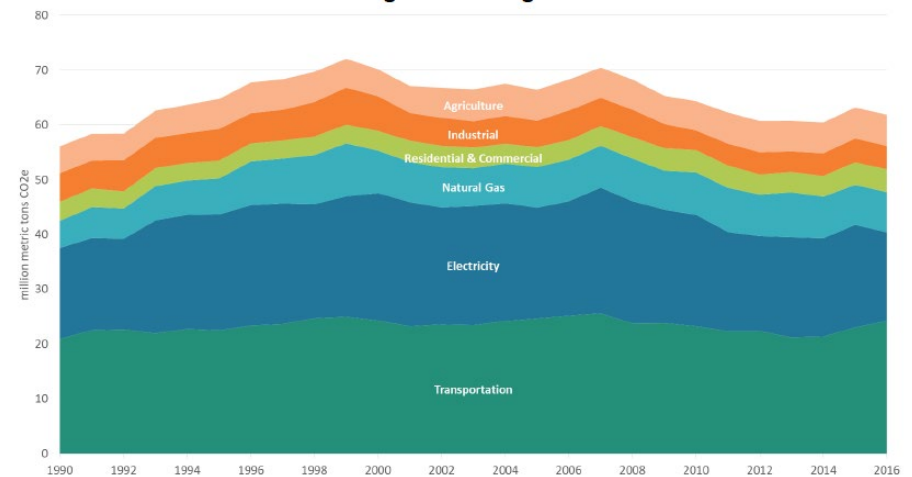
Since 2010, the Air Quality Division has compiled Oregon's sector-based inventory of greenhouse gas emissions. The sector-based inventory includes emissions produced in Oregon from its transportation,

residential, commercial, and industrial and agriculture sectors, including electricity produced elsewhere but used in state.

Oregon's greenhouse gas sector-based inventory is developed to characterize and quantify the anthropogenic (human-caused) greenhouse gas emissions resulting from activities occurring in Oregon and actions taken by Oregonians that contribute to global climate change. These emissions estimates inform strategies and track progress toward meeting the state's greenhouse gas reduction goals.

Results from Oregon's latest sector-based greenhouse gas inventory (as seen in the figure below) indicate that Oregon's contribution to global concentrations of greenhouse gases is declining in the electricity sector, but not in transportation. Additionally, data show that:

- Transportation is Oregon's largest in-state sector of emissions.
- Emissions from passenger vehicle use and freight transportation are increasing.
- Oregon's residential sector uses more electricity than any other sector.



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PROGRAM POLICY PACKAGES

#111 OVERSEE ELECTRIC VEHICLE REBATE PROGRAM

The purpose of this policy option package is to provide continued management and oversight of Oregon's newly established electric vehicle rebate program. House Bill 2017 (2017), also known as the transportation package, directed DEQ to develop and implement a rebate program that incentivizes Oregonians to purchase or lease electric vehicles. A tax on the privilege of selling new vehicles funds the rebate program. The bill makes up to \$24 million of that tax revenue available biennially for rebates. The package authorizes one permanent full-time position responsible for managing contracts with third party entities to issue rebates, coordinating program marketing and outreach activities, and auditing program contractors to ensure compliance with rebate conditions and rules.

#114 REDUCE HARMFUL WOOD SMOKE POLLUTION

This package was not recommended in the Governor's Recommended Budget

This package requests \$500,000 per biennia in General Fund to support local efforts to reduce wood smoke in communities that are violating, or are at risk of violating, federal air quality standards. DEQ will distribute the funds to cities and counties throughout Oregon to support locally implemented wood smoke reduction programs (such as wood stove replacement programs, wood burning curtailment, and education/outreach). Locally driven efforts are the most effective way to reduce wood smoke in communities.

#116 ELIMINATE AIR QUALITY PERMIT BACKLOG

This package was modified at Governor's Recommended Budget to exclude general funds for two complaints positions.

This policy option package will protect public health and improve regulatory certainty through the timely issuance and renewal of air quality permits. A recent Secretary of State audit revealed that nearly 40 percent of the most complex air quality permits are not renewed on time. The audit also revealed that competing demands and positions cuts over the long-term have led to unmanageable workloads in DQ's air quality permitting programs. This package would increase ACDP to support 8 new permit writing and inspections positions. This package also includes two positions, primarily General Fund funded to coordinate and respond to complaints and other inquiries. DEQ would phase in all positions over the 2019-21 biennium.

#118 MAINTAIN EFFECTIVE VEHICLE INSPECTION SERVICE

This policy option package restores 8 positions proposed for elimination in Package 70 because of a projected revenue shortfall. DEQ's Vehicle Inspection Program is an efficient and cost-effective approach to reducing emissions from cars and trucks, the largest source of air pollution. The program has avoided a fee increase for over a decade by implementing innovative approaches such as self-service lanes and a new partnership that allows testing at certain private businesses. In order to maintain this progress the program needs to raise fees from \$21 to \$25 in Portland, and from \$10 to \$25 in Medford over a period of four years. Approval of this package will allow the program to continue operating in a manner that protects public health, meets our federal obligations and maintains excellent and swift service delivery.

#119 IMPLEMENT AIR TOXICS PERMITTING PROGRAM

This policy package ensures timely implementation of new air toxics permitting rules (commonly referred to as Cleaner Air Oregon) by transitioning 11 limited duration positions authorized by the 2018 Legislature to permanent full time status. DEQ will support these positions with new air quality permit fees that will be proposed to the Environmental Quality Commission for adoption in November 2018. DEQ has conducted extensive stakeholder engagement during the development of these fees, including discussion of program

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implementation, staffing models and proposed fee structures with the Rules Advisory Committee in July and August 2017, and May 2018.

LOTTERY, OTHER, AND FEDERAL FUND REVENUE NARRATIVE

A. OTHER FUNDS:

1. AIR CONTAMINANT DISCHARGE PERMIT FEES:

Air Contaminant Discharge Permit fees fund more than 90% of the ACDP program costs. The remaining costs are funded by General Funds and federal funds. An ACDP permit is a state operating permit for medium sized industrial sources that are not subject to the federal Title V operating permit program. In addition, DEQ uses ACDPs to approve construction of major new sources of air pollution as required by the federal Clean Air Act.

The ACDP fee schedule is established by rule as authorized by ORS 468.065. Annual fees range from \$144 to \$9,216 and there are approximately 2,500 sources. Unlike Title V fees, ACDP has no provision for indexing fees to the consumer price index to provide regular inflationary increases. DEQ increased fees in 2013 by 20 percent with the expectation that the fee increase would provide sufficient funding until 2017.

DEQ is requesting ACDP fee increases for policy option package 116 (Eliminate the Air Quality Backlog), which would add six phased in permit writers and a portion of two, phased in complaints responders. (Note: The Governor’s Recommended Budget did not fund the general fund portions of the two compliant responder positions.) These positions, along with maintaining the current service level, would require an approximately 80 percent increase in revenue. Proposed fee increases will take effect in 2020 and be determined through administrative rulemaking, and support work for two biennia.

DEQ estimated projected revenues by forecasting the number of permittees in each classification of permits that will need new, renewed or modified permits.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$1,518,033	\$7,200,000	\$1,019,808	\$1,488,246	\$6,209,979
7/1/19 - 6/30/21	\$1,308,508	\$7,200,000	\$1,245,378	(\$32,729)	\$7,295,859

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2. TITLE V PERMIT FEES:

Title V permit fees are dedicated to, and fully fund, the Title V program as required by the federal Clean Air Act. The fee schedule was established by the 1991 Legislative Assembly at ORS 468A.315. The schedule includes a base fee paid equally by each Title V source, an emission fee based on annual emissions at each source, and fees for modifications and other special activities. As authorized by ORS 468A.315, the fee schedule may be adjusted every year for inflation based on the Consumer Price Index.

DEQ is requesting two, phased in permit writer positions in package 116 Eliminate the Air Quality Backlog. Title V revenues are sufficient to support the two additional positions proposed in the package.

DEQ estimated projected revenues by forecasting the number of permittees, emission levels and projected requests for permit modifications along with estimated CPI increases for the biennium. There are approximately 107 Title V sources paying an annual base fee of \$8,169. The current emission fee is \$61.76/ton of emissions with a cap of 7,000 total tons.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$3,668,894	\$7,850,000	\$1,376,653	\$1,912,737	\$8,229,504
7/1/19 - 6/30/21	\$4,363,624	\$7,850,000	\$1,711,701	\$1,362,594	\$9,139,329

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3. VEHICLE INSPECTION CERTIFICATION FEES:

Motor vehicle owners in the Portland area and within the Medford-Ashland air quality maintenance area pay a fee for a certificate of compliance, which is required as a part of the biennial vehicle registration renewal process. This fee, authorized by ORS 468A.400, provides the funding for the Vehicle Inspection Program. The program also conducts onsite testing at motor vehicle dealer locations to facilitate testing large numbers of vehicles in dealer inventories.

Due to revenue shortfalls, DEQ had to cut eight full time FTE and related S&S in a Package 70. DEQ is requesting VIP fee increases for policy option package 118, Maintain Effective Vehicle Inspection Program that would restore the eight positions cut in Package 070. These positions, along with maintaining the current service level, would require in the Portland Metro area an increase of \$4 beginning July 1, 2019 bringing the fee to \$25, and an annual fee increase of \$2.50 in the Medford/Ashland area until that fee matches the Portland Metro area fee of \$25. The proposed fee increases will support the work for two biennia.

In addition to certification fees, VIP also receives payment from the Department of Motor Vehicles for renewing vehicle registrations and other DMV services provided at VIP stations. For 2019-2021, revenues include \$1,403,744 from DMV.

The revenue estimate is based on current testing volumes by location.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$4,719,105	\$23,789,407	\$3,285,749	\$1,799,024	\$23,423,739
7/1/19 - 6/30/21	\$3,775,230	\$24,179,560	\$3,845,444	(\$1,370,462)	\$25,479,808

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4. ASBESTOS CERTIFICATION FEES:

DEQ assesses fees for asbestos training course accreditation, contractor licenses, worker certification and project notification. These fees are authorized by ORS 468A.750. The fee revenue is dedicated to fund asbestos certification and training activities, technical assistance, inspection, compliance determination and enforcement.

Projected revenues were estimated by forecasting the number of notifications and other fee activities. Notification fees range from \$100 to \$3,500 while certification and licensing fees range from \$45 to \$1,000.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$1,190,338	\$2,100,000	\$366,949	\$504,376	\$2,419,013
7/1/19 - 6/30/21	\$1,200,000	\$2,100,000	\$470,032	\$150,782	\$2,679,186

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5. TANKER TRUCK CERTIFICATION FEES:

Owners and operators of gasoline tanker trucks located in areas where ozone is elevated are required to display a DEQ issued sticker showing they have passed an annual leak test. DEQ also requires tankers to connect vapor recovery equipment when delivering gasoline at dispensing facilities. The fee, authorized by ORS 468.065, supports administration of the tanker truck certification program.

Projected revenues were estimated by forecasting the number of tanker truck certification permits required. Tanker certification permits are \$25.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$85,053	\$80,000	\$16,623	\$49,173	\$99,257
7/1/19 - 6/30/21	\$75,000	\$80,000	\$26,822	\$254	\$127,924

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6. FIELD BURNING FEES:

The Oregon Department of Agriculture assesses field-burning fees based on acres registered and acres burned each year. DEQ receives a transfer of field burning fees from ODA to fund DEQ's air quality monitoring of field burning, rulemaking updates and emergency burning determinations. ODA operates the remainder of the field-burning program as a result of 1995 Legislature actions.

Projected revenues were estimated based on a program cost agreement with the Oregon Department of Agriculture.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$111,502	\$16,586	\$5,350	\$89,566
7/1/19 - 6/30/21	\$118,094	\$111,502	\$18,722	\$121,250	\$89,624

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7. OREGON LOW EMISSION VEHICLES FEES:

Oregon's low emission vehicle program was adopted in December 2005 to reduce greenhouse gas emissions. The program is based on California's vehicle emission requirements and applies to new vehicles beginning with the 2009 model-year. The Environmental Quality Commission establishes the fee by rule as authorized by ORS 468.065. The total annual fee of \$200,000 is apportioned among the automobile manufacturers according to their market share of vehicles delivered to Oregon.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$456,133	\$400,000	\$48,819	\$390,399	\$416,915
7/1/19 - 6/30/21	\$400,000	\$400,000	\$46,089	\$359,366	\$394,545

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8. MISCELLANEOUS OTHER FUNDS:

The Air Quality program has a number of Other Fund programs that generate relatively small amounts of revenue.

The agency has a five-year agreement with the U.S. Forest Service and the Bureau of Land Management for operating air monitoring equipment to track smoke levels and impacts resulting from prescribed burning in Oregon. The air-monitoring network operates from spring through fall each year.

Hardship burning permit fees, authorized by ORS 468.065, are assessed for backyard burning permits in the Portland metropolitan area. The fee partially funds equipment and operating costs including costs of daily advisories, public information items and temporary clerical and field enforcement assistance as needed.

A permit fee was established under ORS 468.065 in 1990 to administer the Indirect Source Construction Permit program. This program is designed to ensure that large parking facilities do not lead to carbon monoxide standard violations.

From time to time, the air program has agreements with neighboring states or local air pollution authorities to provide air monitoring and analysis services for measuring toxic air pollution. Monitors are situated in areas that provide valuable data for both Oregon and the contracting agency.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$10,206	\$333,900	\$31,030	\$8,751	\$304,325
7/1/19 - 6/30/21	\$125,046	\$333,900	\$38,289	\$95,541	\$325,116

AIR QUALITY

9. CLEAN DIESEL – CONGESTION MITIGATION AIR QUALITY AND VOLKSWAGEN SETTLEMENT:

The 2007 Legislature approved HB 2172 establishing a Clean Diesel Engine Fund, and provided grant funding to help Oregon fleet operators reduce harmful diesel emissions by retrofitting, repowering, or scrapping high emitting diesel engines.

The Legislature appropriated federal Congestion Mitigation Air Quality monies from the Oregon Department of Transportation as part of the funding for the clean diesel engine fund. ODOT and DEQ enter into an intergovernmental agreement and the funds come to DEQ as Other Funds.

DEQ continues to receive funds from the Volkswagen court settlement. The funds are a result of a court settlement with Volkswagen because select VW diesel powered passenger cars violated federal engine emission certification standards by the deliberate installation of emission control defeat devices. Of the original \$68,239,143.96 available funds for Oregon, DEQ anticipates it will spend \$12.1 million in settlement funding in the 2019-2021 biennium.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$10,928,685	\$47,625	(\$413,701)	\$11,294,761
7/1/19 - 6/30/21	\$1,000,000	\$11,264,605	\$158,058	\$9,729	\$12,096,818

AIR QUALITY

10. GREENHOUSE GAS REPORTING FEES:

DEQ assesses fees for the administration of the greenhouse gas reporting program. The fee schedule is established by rule as authorized by ORS 468A.050. Fees are paid by industrial sources emitting 2,500 metric tons of combined greenhouse gases measured as CO2 equivalents (mtCO2e) per year. Annual fees for ACDP sources are 12.5 percent of the cost of the source’s annual permit fee. Greenhouse gas fees for Title V sources are 15 percent of the annual permit fee, not to exceed \$4,500. Fees for ACDP sources range from \$54 to \$1,152 while fees for Title V sources range from \$1,255 to \$4,500. There are approximately 200 reporters/fee payers. DEQ is proposing an increase to ACDP fees but will make adjustments to the greenhouse gas reporting fee structure to ensure the agency does not collect more revenue than is needed to support the program.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$1,240,645	\$800,000	\$65,331	\$1,304,823	\$670,491
7/1/19 - 6/30/21	\$1,058,793	\$64,685	\$187,271	\$579,857	\$356,350

AIR QUALITY

11. ZERO EMISSION INCENTIVE:

House Bill 2017 (2017), also known as the transportation package, directed DEQ to develop and implement a rebate program that incentivizes Oregonians to purchase and lease electric vehicles. A tax on the privilege of selling new vehicles funds the rebate program. The bill makes up to \$24 million of that tax revenue available biennially for rebates and program administration (limited to 10 percent of available funds).

HB 5045 (2017), the transportation package funding bill, increased Other Fund expenditure limitation to accommodate \$24 million in rebates biennially and authorized one limited duration position to oversee the program’s development. DEQ is requesting one permanent full time position to continue to implement the program in POP 111 as well as limitation increase to match the expected revenue. There are sufficient revenues to cover the cost of the position.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$18,000,000	\$25,793	\$17,808,455	\$165,752
7/1/19 - 6/30/21	\$0	\$23,625,000	\$41,494	(\$1)	\$23,583,507

AIR QUALITY

12. CLEANER AIR OREGON:

On April 6, 2016, Governor Brown directed the DEQ and the Oregon Health Authority to develop a health risk-based toxic air contaminant permitting program. The purpose of new health risk-based air toxics permitting rules, commonly referred to as “Cleaner Air Oregon” is to evaluate potential health risks to people near industrial facilities that emit toxic air contaminants to be regulated under Cleaner Air Oregon, and ultimately reduce those risks below health-based standards. Facility risk assessments rely on emissions data specific to, and provided by, each facility. Facilities will be required to calculate and report the risk posed by their emissions where people would be exposed and in certain cases reduce those risks.

DEQ and OHA began preparing draft rules in the fall of 2016 under the advice of a diverse 25-member Rules Advisory Committee. In addition to input from that committee and from two public comment periods, SB 1541 (2018) provided direction to the agencies on the development of these new rules. The Environmental Quality Commission (EQC) will consider rules to implement the Cleaner Air Oregon program in November 2018.

During the 2018 legislative session, the Legislature authorized 11 new limited duration positions for DEQ and expenditure limitation to support 2.60 FTE for OHA to finish development and begin implementation of air toxics permitting rules. To support that work SB 1541 authorized a one-time supplemental fee on all permitted sources to be invoiced in the fall of 2018. The legislation also authorized the Environmental Quality Commission to establish a schedule of fees to cover direct and indirect costs of implementing rules ongoing. DEQ is requesting (POP 119) eleven permanent full time position to continue to implement the program. Fees being considered by the EQC in November 2018 will generate revenue sufficient to support the positions.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/19 - 6/30/21	\$690,000	\$7,022,223	\$468,235	\$4,193,220	\$3,050,768

AIR QUALITY

B. FEDERAL FUNDS:

Section 105 of the federal Clean Air Act provides grants for air pollution planning and control programs. This includes a base grant as well as supplemental grants for special projects. Section 105 funding requires a state match that exceeds the previous year's expenditures. In addition, the program receives grants from the US Environmental Protection Agency under Section 103 of the federal Clean Air Act that do not require match. The PM2.5 monitoring network is currently funded by a Section 103 grant. The program also receives 103 grants for air toxics monitoring, purchase of monitoring equipment and emission reduction projects.

Specifically related to diesel emissions, House Bill 2172 (2007) authorized DEQ to apply for federal grants without application for legislative review and approval under ORS 291.375 and provided \$1.5 million in on-going federal limitation. DEQ receives annual Diesel Emission Reduction Act grants to retrofit engines and upgrade exhaust systems to reduce diesel emissions.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$11,208,065	\$996,671	\$144,696	\$10,066,698
7/1/19 - 6/30/21	\$0	\$11,479,568	\$1,214,452	\$3,133	\$10,261,983

AIR QUALITY

PROGRAM ESSENTIAL PACKAGE NARRATIVE

VACANCY FACTOR AND NON-PICS PERSONAL SERVICES (#010)

Purpose: To apply adjustments to personal services costs that are not generated by the Position Inventory Control System:

- Updates the vacancy factor to project budget savings reasonably expected from staff turnover
- Applies the standard general inflation factor of 3.80 percent to non-PICS generated personal services costs, such as temporaries, overtime and shift differential
- Adjusts for changes in the contribution for debt service on the Public Employee Retirement System pension obligation bonds
- Adjusts for mass transit taxes (excluding federal funds)

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
010	\$195,801	\$ 0	\$925,566	\$131,907

Staffing impact: None

COST OF PHASED-IN PROGRAMS OR ONE-TIME INCREASES (#021)

Purpose: To apply non-Position Inventory Control System related budget adjustments to the cost of the program above the 2019-21 Base Budget level, after adjustments are made for start-up costs or other one-time expenditures funded in 2017-19.

How accomplished: After removing start-up or other one-time expenditures, ongoing services and supplies are biennialized to represent a full biennium's costs. This package phase in \$388,900 of services and supplies associate with 2017-2019 package 113, "Implement CAO Air Toxics Monitoring", 2017-2019 package 115 "Reduce Harmful Diesel Emissions", and 2018's end of session budget bill 5201.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
021	\$248,900	\$ 0	\$ 140,000	\$ 0

Staffing impact: None

COST OF PHASED-OUT PROGRAMS OR ONE-TIME ELIMINATIONS (#022)

Purpose: To apply non-Position Inventory Control System related budget adjustments to activities that phase-out in 2019-21, or eliminate one-time expenditures from the 2017-19 budget.

How accomplished: This package removes ongoing services and supplies associated with positions eliminated during the 2017-19 biennium, including limited duration positions. The package also removes one-time expenditures, such as capital outlay and special payments, not intended to continue into the 2019-21biennium.

- This package eliminates one time capital outlay related to 2017-2019 package 113, "Implement CAO Air Toxics Monitoring".
- This package eliminates services and supplies from 2018's SB 1541 and 2018 end of session budget bill 5201.
- This package eliminates services and supplies related to a federal grant that DEQ no longer receives.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
022	\$(1,188,092)	\$ 0	\$(640,704)	\$(326,538)

Staffing impact: None

INFLATION AND PRICE LIST ADJUSTMENTS (#031, 032, AND 033)

Purpose: To apply inflation and price list adjustments to services and supplies, capital outlay and special payment amounts in the 2019-21 Base budget.

AIR QUALITY

How accomplished: Package 031 applies standard inflation, state government service charge and other price list adjustments as follows:

- General inflation of 3.80 percent
- Attorney general inflation of 20.14 percent
- State government service charge price list adjustments
- Central government service charge price list adjustments
- Self-support rent agreement price list (DEQ Laboratory Facility)

Package 032 applies above standard inflation with BAM analyst approval.

Package 033 applies inflation rates requiring Exception Committee approval.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
031	\$284,628	\$ 0	\$898,610	\$174,007
032	\$ 27,362	\$ 0	\$ 0	\$ 0
033	\$150,377	\$ 0	\$ 0	\$ 0

Staffing impact: None

TECHNICAL ADJUSTMENTS (#060)

Purpose: The package records technical adjustments that do not fit in the standard essential packages.

How accomplished:

This package transfers FTE between Summary Cross References to represent operational reality.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
060	\$0	\$ 0	\$ 262,532	\$ 0

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
0	0	0	1.0	0

AIR QUALITY

PROGRAM ADJUSTMENT PACKAGE

REVENUE SHORTFALLS (#070)

Purpose: The package includes Other Fund expenditure reductions necessary to adjust current service level to available revenue. Where appropriate, an ending balance is maintained to allow continuity of the program into the next biennium.

How accomplished: Air Quality's package 070 reduces limitation through cuts to FTE and Services and Supplies costs to balance the Vehicle Inspection program. The deficits are primarily a result of normal increases in Personal Service costs and other inflationary costs. The package cuts 8.0 FTE in the Vehicle Inspection program and DEQ is requesting that all eight be restored in policy option package 118, Maintain an Effective Vehicle Inspection Service. The package permanently cuts 8.0 FTE in the Vehicle Inspection program along with \$236,924 in Services and Supplies. The cuts include five Public Service Representative 3's, one Office Specialist, one Facility Maintenance Specialist and one Operation and Policy Analyst.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
070	\$ 0	\$ 0	\$ (1,383,610)	\$ 0

Staffing impact: (8.0) FTE

ANALYST ADJUSTMENT (#090)

Purpose: This package includes analyst adjustments to General Funds.

How accomplished: This package reduces limitation through cuts to FTE and Service and Supplies costs to balance the Governor's Recommended Budget. The package cuts 2.0 FTE, one which provides administrative support to Cleaner Air Oregon and one that provides speciation data in DEQ's Laboratory.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
090	\$ (815,941)	\$ 0	\$ 0	\$ 0

Staffing impact: (2.0) FTE

STATEWIDE ADJUSTMENT DAS CHGS (#091)

Purpose: This package represents changes to State Government Service Charges and DAS pricelist changes for services made for the Governor's Budget.

How accomplished: Adjustments made to the State Government Service Charges and DAS price list charges for services made for the Governor's Budget.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
091	\$ (73,368)	\$ 0	\$ (114,214)	\$ 0

Staffing impact: No impact

AIR QUALITY

TITLE: STATEWIDE AG ADJUSTMENT (#092)

Purpose: This package reduces Attorney General rates by 5.95 percent to reflect changes in the Governor's Budget.

How accomplished: Adjustments made to the Attorney General rates.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
092	\$ (19,614)	\$ 0	\$ (34,590)	\$ (3,133)

Staffing impact: No impact

AIR QUALITY

POLICY OPTION PACKAGE III NARRATIVE

TITLE: ENSURE ELECTRIC VEHICLE REBATE PROGRAM OVERSIGHT
PRIORITY RANK – OTHER FUND: 8

PURPOSE

The purpose of this policy option package is to provide continued management and oversight of Oregon’s newly-established electric vehicle rebate program.

House Bill 2017 (2017), also known as the transportation package, directed DEQ to develop and implement a rebate program that incentivizes Oregonians to purchase or lease electric vehicles. A tax on the privilege of selling new vehicles funds the rebate program. The bill directs the Department of Revenue to transfer the first \$24 million in revenue per biennium to DEQ for rebates and program administration (administrative costs are limited to 10 percent of available funds).

HB 5045 (2017), the transportation package funding bill, increased DEQ’s Other Fund expenditure limitation to provide authority for up to \$18 million in rebates in the 2017-2019 biennium and authorized one limited duration position to oversee the program’s development. The limited duration position helped DEQ establish the program but full implementation and oversight requires that this position be continued, ongoing.

This package will also authorize additional limitation of \$5,519,542 for payments to non-government units to allow DEQ to fully spend the tax revenues being transferred in from the Department of Revenue. This increase aligns DEQ’s total expenditure limitation for this program with the \$24 million cap established in the original legislation.

HOW ACHIEVED

This package authorizes one permanent full time Program Analyst 3 position, transitioning the limited duration position authorized in DEQ’s 2017-2019 Legislatively Approved Budget to permanent status. The position will be responsible for:

- Managing contracts with third party entities to issue rebates to eligible applicants.
- Coordinating program marketing and outreach activities.
- Auditing program contractors to ensure compliance with rebate conditions and rules.

QUANTIFYING RESULTS

The position requested in this package will implement the rebate program consistent with the legislative direction provided by HB 2017 (2017) and HB 4059 (2018) to fully realize the environmental benefits associated with electric vehicles, including reduced transportation-related pollution and greenhouse gas emissions. Efforts to reduce transportation-related pollution, including incentivizing the purchase of electric vehicles, supports DEQ’s Key Performance Measures 3 (number of days when the air is unhealthy to breathe) and 4 (air toxics trends in small and large communities).

2019-21 STAFFING IMPACT

This package authorizes one new position, supported by existing and dedicated revenue.

POSITION	TOTAL POSITIONS	POSITION #	FTE
Program Analyst 3	1	3592	1.0
Total	1		1.0

REVENUE SOURCE

General Fund	-
Other Funds	\$5,749,259
Federal Funds	-
Total Limitation	\$5,749,259

AIR QUALITY

POLICY OPTION PACKAGE 114 NARRATIVE

TITLE: REDUCE HARMFUL WOOD SMOKE POLLUTION

PRIORITY RANK – GENERAL FUND: 13

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

PURPOSE

The purpose of this package is to support local efforts to reduce wood smoke in communities that are violating, or are at risk of violating, federal air quality standards.

Residential wood smoke from stoves and open burning is a known source of fine particulate pollution and air toxics. Exposure to fine particles is associated with a range of health effects including heart or respiratory problems and premature death. Air toxics can pose a significant risk to public health including an increased risk of cancer, immune system damage, nerve damage, birth defects, respiratory diseases and other health problems. In addition to the public health effects, residential wood smoke is the single largest source of contaminants in Oregon communities that already violate the federal health standard for fine particulate (soot/smoke).

EPA designates areas that don't meet national ambient air quality standards as "nonattainment." Having EPA declare a community as nonattainment is serious. The designation means that the air is unhealthy; triggers legal requirements to reduce pollution and meet standards; results in stricter requirements imposed on new and potentially existing industry; and can be a deterrent to attracting new business and new residents. Currently, Klamath Falls and Oakridge have designation as nonattainment for violating the federal daily fine particulate standard. Lakeview, Prineville, Medford, Eugene, Hillsboro, La Grande and Burns are at risk of exceeding federal fine particulate standards.

As directed by House Bill 3068 (2015), DEQ convened a diverse 22-member workgroup to study approaches to reducing residential wood smoke and to provide recommendations for legislative action. The highest priority recommendation was to increase the level of support DEQ provides to local communities around the state to reduce wood smoke. Locally run wood smoke reduction programs reduce particulate emissions and are required in

some former nonattainment communities under their federally approved clean air plans. Local communities understand the challenges of their area, and are best situated to craft effective wood smoke reduction programs specifically tailored for their residents.

For the 2017-2019 biennium, DEQ has \$172,000 available to support local programs to reduce wood smoke, an amount inadequate to meet the statewide need. Recognizing this, the 2017 Legislature authorized a one-time investment of \$250,000 for DEQ to pass-through to local communities. Communities have used the funds for a variety of wood smoke reduction projects, including:

- Supporting personnel in local governments to forecast air quality conditions and enforce wood burning restrictions.
- Evaluating the health impacts from wood smoke and the benefits of wood stove replacement programs.
- Developing and disseminating educational materials focused on burning techniques that minimize smoke impacts.

HOW ACHIEVED

Building on the successes achieved through the 2017 one-time appropriation, this package requests \$500,000 in General Funds to fund programs to reduce wood smoke. DEQ developed the request in collaboration with local governments across the state to provide communities already designated nonattainment or identified as at-risk of such designation with additional funds to help implement their programs. This package will benefit Oregonians' health and the environment by ensuring that communities affected by fine particulate:

- Have the resources and expertise to fully implement wood smoke reduction programs to better protect public health, particularly for vulnerable populations such as young children and the elderly.
- Achieve attainment or prevent the community from violating the fine particulate standard and lower air toxics emissions, ensuring clean air and allowing for economic growth.
- Coordinate with state and local partners to address wood smoke, and find and pursue grants and additional funding to supplement wood smoke reduction programs, such as woodstove change outs.
- Support environmental justice by helping communities identify and support households whose private resources are insufficient to take

AIR QUALITY

measures such as woodstove change outs, yielding health benefits for the particular household as well as for the community at large.

QUANTIFYING RESULTS:

DEQ monitors air quality in nonattainment and at-risk communities. The data inform DEQ about the effectiveness of each community's air program, what adjustments may be needed to their strategy and which, if any, new communities need support in addressing wood smoke and reducing fine particulate levels.

Over time, resources requested in this package will reduce the number of days when the air is unhealthy (Key Performance Measure 3) and reduce levels of air toxics (Key Performance Measures 4).

REVENUE SOURCE

General Fund	\$500,000
Other Funds	—
Federal Funds	—
Total Limitation	\$500,000

AIR QUALITY

POLICY OPTION PACKAGE 116 NARRATIVE

TITLE: ELIMINATE THE AIR QUALITY PERMIT BACKLOG

PRIORITY RANK – GENERAL FUND: 2

Note: This package was not fully supported in the Governor's Recommended Budget.

PURPOSE

The purpose of this package is to protect public health and improve regulatory certainty through the timely issuance and renewal of air quality permits.

DEQ operates two air quality permitting programs: federal Title V and state Air Contaminant Discharge Permitting (ACDP).

- 1) Title V: The U.S. Environmental Protection Agency has approved Oregon's authority to operate the federal air quality permitting program, commonly referred to as the "Title V" program. Title V permits cover the operations of Oregon's largest industrial sources of pollution.
- 2) ACDP: The ACDP program serves two important purposes. First, the permits cover industrial sources not subject to the federal Title V permit program, ensuring that appropriate emission standards apply to all industrial emission sources in Oregon and air quality is being protected. Second, under federal law, new and expanding businesses cannot begin construction until DEQ approves of an ACDP construction permit.

In 2018, the Oregon Secretary of State conducted a performance audit of DEQ's air quality permitting program and found that the agency issues new permits in a timely manner, but that approximately 40 percent of the most complex permits are not renewed on time. DEQ can administratively extend permits, but this can result in permits that do not incorporate the latest pollution control requirements, potentially affecting air quality and human health and denies the public and the source from participation opportunities embedded in the renewal process. Delays can

also lead to unexpected and unplanned expenses for Oregon businesses when their permit is eventually updated.

The audit provides an in-depth analysis of factors driving the permit renewal backlog. Key factors include:

- A lack of tools and guidance for DEQ permit writers and the regulated community.
- Competing priorities and demands that reduce the time available for permit writers to review, write and issue permits. Right now, permit writers must balance permit writing responsibilities with compliance inspections, odor investigations and responding to complaints and inquiries.
- Position cuts over the long-term have led to unmanageable workloads in the program.

DEQ is working to address these findings and improve our permitting processes. While improvements will lead to more timely and higher quality permits, DEQ needs additional staff to renew all permits on time and eliminate the permit renewal backlog.

Staff levels in air quality permitting program have been declining over the last fifteen years. The ACDP program in particular has not maintained consistent service levels because of affordability challenges. In 2013, DEQ increased ACDP fees at a level designed to sustain the program for four years. However, a revenue shortfall in that 2017-2019 biennium forced the program to permanently eliminate five positions (4.0 FTE).

Statute allows DEQ to annually adjust Title V fees at a rate equivalent to the Consumer Price Index. This incremental increase provides a more consistent revenue stream but at times is not sufficient to cover inflation and personal services cost increases. The last Title V fee increase beyond the Consumer Price Index adjustment was in 2011.

HOW ACHIEVED

This package provides the resources needed to meet the permitting program demands; ensure public health protection and facilitate economic development through the timely issuance of permits. The

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package proposes positions for ACDP and Title V for permitting as well as complaint response. The agency currently relies on permit writing staff to respond to complaints, which contributes to the permit backlog.

Title V revenues are sufficient to support the two additional positions (3600 and 3602) proposed in this package. DEQ is not proposing a fee increase in this program beyond the annual Consumer Price Index adjustments.

This package requests a fee increase in the ACDP program to maintain an acceptable service level for the next two biennia, and to support six new permit writing positions (3593, 3594, 3596, 3597, 3598 and 3599). The program anticipates needing an additional \$3,100,000 in fee revenue in 19-21 to support the requested new positions and to have sufficient revenue available for cash flow needs. If approved, the agency will adopt fees through administrative rulemaking. The fee increase would not take effect until fall of 2020 resulting in a fee increase of approximately 90 percent if spread evenly across all permitted sources.

QUANTIFYING RESULTS:

Approval of this package will provide resources DEQ needs to:

- Issue and renew ACDP and Title V permits in a timely manner, ensuring public health protection.
- Provide timely construction permits to prevent delays to job creation.
- Monitor and enforce compliance with air quality regulations that apply to permitted facilities.
- Timely and thoroughly intake and, when warranted, respond to complaints and inquiries, and communicate complaint status and resolution information. *(The Governor's Recommended Budget did not fund this portion of this package.)*

DEQ tracks the timely issuance and renewal of permits through Key Performance Measures 1 and 5. The agency is proposing an expanded suite of KPMs to provide a more detailed understanding of the program's performance, including a measure to track progress on eliminating the permit renewal backlog.

2019-21 STAFFING IMPACT (ALL POSITIONS PHASE IN ON JULY 1, 2020)

POSITION	TOTAL POSITIONS	POSITION #	FTE
Natural Resource Specialist 1	1	3593	.5
Natural Resource Specialist 1	1	3594	.5
Natural Resource Specialist 2	1	3595	.5
Natural Resource Specialist 3	1	3596	.5
Natural Resource Specialist 3	1	3597	.5
Natural Resource Specialist 3	1	3598	.5
Natural Resource Specialist 4	1	3599	.5
Natural Resource Specialist 4 <i>(Only .16 of this FTE was supported in the Governor's Recommended Budget)</i>	1	3602	.5 .16
Office Specialist 2 <i>(Only .16 of this FTE was supported in the Governor's Recommended Budget)</i>	1	3601	.5 .16
Environmental Engineer 2	1	3600	.5
Total *Please note a technical adjustment will need to be made at LAB	10		5.0 4.32

REVENUE SOURCE

General Fund (General Funds for this package were not recommended in the Governor's Budget)	\$158,210
Other Funds	\$903,575
Federal Funds	-
Total	\$1,061,785
	\$903,575

AIR QUALITY

POLICY OPTION PACKAGE 118 NARRATIVE

TITLE: MAINTAIN EFFECTIVE VEHICLE INSPECTION SERVICE
PRIORITY RANK – OTHER FUND: 1

PURPOSE

The purpose of this package is to authorize the first fee increase in Oregon's Vehicle Inspection Program (VIP) since 1996. VIP is Oregon's cornerstone strategy for reducing the health risks associated with pollution from vehicles.

Oregon's largest source of air pollution is vehicle emissions. DEQ's Vehicle Inspection Program keeps vehicle pollution levels within standards over the full life of the vehicle. This benefits Oregon in several important ways:

- Reducing pollution from vehicles helps keep Oregonians healthy, especially children and people with respiratory problems. High concentrations of pollution from vehicles are associated with health problems including asthma attacks, an increased risk of heart attacks and premature death.
- Reducing vehicle emissions is a core part of Oregon State Implementation Plan (SIP). The SIP is Oregon's federally approved strategy for meeting federal air quality standards. If Oregon had no VIP it would need to impose more stringent standards on other sources of pollution, including industrial sources.
- Reducing pollution from vehicles ensures that Oregon communities remain in compliance with federal air quality requirements for ozone. Compliance means cleaner air to breathe and fewer requirements to meet federal clean air standards.
- Cleaner air is important to the health of Oregon's economy. Better visibility in areas such as the Columbia River Gorge National Scenic Area invites tourists to visit and spend money in our state.
- VIP partnerships with private businesses allows them to test and repair their customer's vehicles, and auto dealerships and other businesses can efficiently test their own inventory and fleets of vehicles.

- DEQ provides excellent service at our vehicle testing stations. Testing is efficient; customers can expect to complete the testing process in about 15 minutes. We have collaborated with the Department of Motor Vehicles so that vehicles owners can get their DEQ test and renew their vehicle registration at the same time. Customer comments from over 80,000 cards show that 97 percent have a positive experience at vehicle testing stations. DEQ wants to continue to be able to offer efficient, professional and consistent services.

HOW ACHIEVED

This package increases fees to restore FTE that would otherwise be eliminated because of a revenue shortfall described in Package 070. Without this restoration, the service level would significantly drop resulting in longer wait times and frustration for customers. Last biennium, DEQ was able to absorb a 7.0 FTE reduction due in part to efficiencies gained by self-service kiosks and partnerships with businesses to test vehicles. DEQ cannot absorb FTE reductions this biennium. The VIP program has not had a fee increase since 1996 and although we have implemented many cost-savings efficiencies, inflation has increased substantially over two decades.

Effective July 1, 2019 restoration of 8.0 FTE, and ratification of a \$25 fee as follows:

- Portland Metro area vehicle owners currently pay a \$21 fee every two years. Their new \$25 fee (a \$2 annual increase) would start on July 1, 2019.
- Medford/Ashland area vehicle owners currently pay a \$10 fee every two years. Their fee increase would start on July 1, 2019 and it would incrementally increase by \$5 every two years until it matches Portland's \$25 fee by July 1, 2023.

If the fee funded VIP positions in this package are approved, DEQ estimates a need for approximately \$5,136,000 in new fee revenue in 2019-21.

QUANTIFYING RESULTS

Approval of this package will allow the program to continue operating in a way that protects public health and maintains highly efficient service

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delivery. The agency continually measures both the delivery and impact of the Vehicle Inspection Program in the following ways:

- Compliance with the federal Ambient Air Quality Standard for Ozone (smog)
- Tons of pollution avoided because of vehicle inspection
- Customer satisfaction surveying
- Customer wait time

The Vehicle Inspection Program also supports the agency's efforts relating to Key Performance Measure 2 (number of days when air is unhealthy to breathe) and Key Performance Measure 3 (air toxics trends in small and large communities).

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Public Service Representative 3	1	0249	1.0
Public Service Representative 3	1	0500	1.0
Public Service Representative 3	1	1413	1.0
Public Service Representative 3	1	2316	1.0
Public Service Representative 3	1	2519	1.0
Office Specialist 2	1	2939	1.0
Operation and Policy Analyst 2	1	3031	1.0
Scientific Instrument Tech	1	1482	1.0
Total	8		8.0

REVENUE SOURCE	
General Fund	-
Other Funds	\$1,454,686
Federal Funds	-
Total	\$1,454,686

AIR QUALITY

POLICY OPTION PACKAGE 119 NARRATIVE

TITLE: IMPLEMENT AIR TOXICS PERMITTING PROGRAM

PRIORITY RANK – OTHER FUND: 2

PURPOSE

This package implements the new air toxics permitting program by transitioning 11 limited duration positions authorized by the 2018 Legislature to permanent full time status.

On April 6, 2016, Governor Brown directed the DEQ and the Oregon Health Authority to develop a health risk-based toxic air contaminant permitting program. This action was triggered by:

- Regulatory gaps that failed to prevent potentially significant localized health risks from industrial and commercial emissions
- The need for a systematic way to understand and reduce the risk that industrial and commercial air emissions pose to people who live, work or learn nearby, in a practical, predictable and implementable manner.

The purpose of the new health risk-based air toxics permitting program commonly referred to as “Cleaner Air Oregon” is to evaluate potential health risks to people near industrial and commercial facilities that emit toxic air contaminants, and ultimately to reduce those risks below health-based standards. Facility risk assessments rely on emissions data provided by each facility. Facilities will be required to calculate and report the risk posed by their emissions. Regulatory actions will be triggered when the risk posed by a facility’s emissions exceed specified “Risk Action Levels.” Many of these level were established in statute with the 2018 Legislature’s passage of Senate Bill 1541.

DEQ and OHA began preparing draft rules for this program in the fall of 2016. The agencies utilized a diverse 25-member Rules Advisory Committee. In addition to input from that committee and from two public comment periods, SB 1541 (2018) provided legislative direction to the agencies on the program.

During the 2018 legislative session, the Legislature authorized 11 new limited duration positions for DEQ and expenditure limitation to support

2.60 FTE for OHA to finish development and begin implementation of this program. To support that work SB 1541 authorized a one-time supplemental fee on all permitted sources, to be invoiced in the fall of 2018. The legislation also authorized the Environmental Quality Commission to establish a schedule of fees to cover direct and indirect costs of implementing rules and a program for reducing the risk from industrial air toxics emissions. In addition to providing direction on policy aspects of industrial air toxics regulation, the legislation established the following parameters relating to these newly authorized fees:

- Annual fees adopted by the commission may not be collected before July 1, 2019.
- Annual fees may not exceed 35 percent of what a facility paid in 2018 for their existing air quality permit (either Title V permit or Air Contaminant Discharge Permit). This 35 percent cap sunsets Jan. 2, 2024.
- After July 1, 2020 DEQ may adjust fees annually by up to 3 percent to account for inflation. DEQ may adjust fees more than 3 percent if the increase is incorporated into DEQ’s Legislatively Approved Budget.

The expectation of the Legislative Fiscal Office and the Legislature was that the agencies would propose an ongoing fee structure to the Environmental Quality Commission (EQC) in the fall of 2018 sufficient to support the 11 positions in an ongoing manner and consistent with the enabling legislation and that DEQ would request permanent and ongoing staff resources to fully implement the program.

DEQ is proposing a fee structure with two elements: an annual base fee and one-time activity fees. The two elements correspond to input received from fee-paying stakeholders that the fees be predictable on a year-to-year basis *and* that the fees reflect that certain facilities (i.e. those actively working through the requirements) are requiring a higher workload from the agencies.

DEQ will propose the final program rules and a fee schedule to the EQC for adoption in November of 2018, and request ratification during the 2019 legislative session. DEQ conducted extensive stakeholder engagement during the development of these fees, including discussion of

AIR QUALITY

program implementation, staffing needs and options for structuring fees. Input was sought and received from the Rules Advisory Committee in July and August of 2017, and May of 2018. The agencies also sought broad public input during two separate public comment periods and continue to communicate with fee paying stakeholders.

HOW ACHIEVED

This package requests an increase in Other Fund expenditure limitation and positions to fully implement air toxics permitting rules on a permanent basis. DEQ is not proposing new staff but proposes to transition them from limited duration to permanent full-time status.

DEQ will support these positions with new air quality permit fees. These fees represent an approximately 35 percent increase over base permit fees paid in 2017 and are designed to support the program for the 2019-2021 and 2021-2023 biennia.

QUANTIFYING RESULTS

Approval of this package will provide DEQ and OHA with the:

- Resources and expertise to successfully implement an enhanced program that better protects public health.
- Capacity to conduct expert analysis and assessment of the potential health risks posed by industrial and commercial air toxics emissions.
- Information technology to provide data to facilities and the public in a timely and efficient manner.
- Staff expertise and data available to help companies, in particular small businesses, understand and comply with new rules.
- Staff expertise to help facilities evaluate emission controls or operational changes that can reduce air toxics pollution.

While DEQ cannot estimate in advance the exact amount of air toxics reduced or avoided, and the associated improvement in public health achieved through the permitting program, this package supports reducing the risk from air toxics, as measured by Key Performance Measure 4 (Air Toxics Trends in Large and Small Communities).

Having adequate and dedicated resources to support the implementation of the new program allows existing permitting staff to focus on issuing

and renewing Air Contaminant Discharge and Title V operating permits. DEQ measures this work with Key Performance Measures 1 (Percent of ACDP permits issued within the target period), 5 (Percent of Title V permits issued within the target period) and proposed KPMS that will measure the timely issuance of new, current and modified permits..

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Natural Resource Specialist 4	1	3603	1.0
Natural Resource Specialist 4	1	3604	1.0
Natural Resource Specialist 4	1	3605	1.0
Natural Resource Specialist 4	1	3606	1.0
Natural Resource Specialist 4	1	3607	1.0
Natural Resource Specialist 4	1	3608	1.0
Program Analyst 2	1	3609	1.0
Program Analyst 2	1	3610	1.0
Program Analyst 3	1	3611	1.0
Environmental Engineer 3	1	3612	1.0
Information Specialist 6	1	3613	1.0
Total	11		11.0

REVENUE SOURCE

General Fund	—
Other Funds	\$2,581,253
Federal Funds	—
Total Limitation	\$2,581,253

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 170 NARRATIVE

TITLE: DEQ REORGANIZATION TO IMPROVE AGENCY

OUTCOMES

PRIORITY RANK – GENERAL FUND: 6

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

PURPOSE

Add three key positions to implement restructuring of DEQ's programs and divisions, designed to significantly improve agency decision-making and transparency.

HOW ACHIEVED

Over the past year, DEQ has restructured the agency to better support core programs and functions in the air, land and water divisions. DEQ designed this reorganization to dramatically improve the agency's ability to address permit backlogs, strengthen coordination between statewide and regional programs, and respond to urgent environmental challenges. To accomplish this work, the agency requests legislative approval of three key positions in its leadership structure.

Implementation Administrator. This new position links policy development and performance management in the agency's headquarters with implementation activities in DEQ's Eastern Region, Western Region, Northwest Region and the Office of Compliance and Enforcement. The most important function of this position is to ensure that performance expectations for core agency work are being met. Other key responsibilities of the position include the following:

- Ensure strong connection and communication between the agency's headquarters functions and its regional offices.
- Serve as the point person representing regional managers and staff in policy-making work at DEQ headquarters – to help ensure that policy and program development results are implementable within available resources.

- Manage the performance of the agency in its core regulatory roles of permitting and compliance.
- Resolve questions and conflicts over resource allocation among the regions where necessary to meet agency goals and priorities.
- Ensure regional delivery of air, water and land priority work such as issuing permits to eliminate NPDES and air quality permit backlogs.

Water Quality Deputy Administrator. Oregon's Water Quality Division faces significant challenges. Agency leadership is determined to address the longstanding backlog in water quality permits, and to implement protective water quality standards while also working with the regulated community to achieve those standards in a practical and reasonable fashion. The combination of significant policy development and process implementation efforts needed to set Oregon's clean water future on a stable and sustainable path demands having both a Water Quality Administrator (who is focusing on process efficiencies and implementation), and a Deputy Water Quality Administrator focusing on water quality standards and the development of the regulatory tools needed to implement them.

Administering Oregon's water quality program is extraordinarily challenging in terms of addressing significant environmental issues and navigating complex state and federal regulations, frequent litigation, and addressing significant programmatic challenges, such as the NPDES permit backlog. DEQ needs the Deputy Administrator to provide an adequate level of resource/leadership to the Water Quality Program to address these needs and achieve the Agency's objectives. This position supervises managers and day-to-day work of two sections – the Watershed Management section and Water Quality Standards and Assessments section, which includes DEQ's Total Maximum Daily Load program, Nonpoint Source Program, Drinking Water Source Water Protection program, Water Quality Standards, and Water Quality Assessments. This position is also responsible for leading work of these

AGENCY MANAGEMENT

sections and, along with the Water Quality Administrator, providing overall leadership for the Water Quality Program.

Policy and External Affairs Manager. This position oversees policy and budget development, legislative and external relations between the agency and its partners, and internal and external communications, ensuring the agency is engaging effectively with stakeholders, legislators, businesses and other interested parties. This position oversees five program areas and approximately 16 positions. This position has the lead responsibility for liaison work with the Legislature, the Environmental Quality Commission, coordination with the Governor's Office and other state agencies to develop legislative concepts, budget proposals and respond to constituent concerns.

2019-21 STAFFING IMPACT

PROGRAM & DCR		AQ	WQ	LQ	AM	TOTAL	
POSITION	POS. #	001-12	002-23	003-32	004-41	FTE	
PEM G	Implementation Administrator	3500	0.34	0.33	0.33	1.00	
PEM F	Policy & External Affairs Mgr	3502			1.00	1.00	
PEM F	WQ Administrator	3504		1.00		1.00	
Total			0.34	1.33	0.33	1.00	3.00

REVENUE SOURCE

PROGRAM	AQ	WQ	LQ	AM	Total
DCR	001-12	002-23	003-32	004-41	
GENERAL	169,615	621,631	169,524		960,770
OTHER	-	-	-	377,967	377,967
Total	169,615	621,631	169,524	377,967	1,338,737

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

**Environmental Quality, Dept of
2019-21 Biennium**

**Agency Number: 34000
Cross Reference Number: 34000-001-00-00-00000**

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Other Funds						
Business Lic and Fees	18,432,829	18,430,000	20,801,746	33,885,640	25,649,028	-
Non-business Lic. and Fees	22,265,852	22,385,663	22,385,663	22,775,816	22,775,816	-
Charges for Services	49,564	-	-	-	-	-
Admin and Service Charges	35	-	-	-	-	-
Other Revenues	12,338	10,684,687	10,684,687	11,020,607	11,020,607	-
Tsfr From Revenue, Dept of	-	18,000,000	18,000,000	23,625,000	23,625,000	-
Tsfr From Agriculture, Dept of	41,518	111,502	111,502	111,502	111,502	-
Tsfr From Transportation, Dept	1,328,810	1,981,642	1,981,642	1,981,642	1,981,642	-
Transfer Out - Intrafund	(226,546)	(253,562)	(253,562)	(238,708)	(238,708)	-
Transfer Out - Indirect Cost	(5,541,045)	(6,047,404)	(6,393,550)	(8,427,643)	(8,018,827)	-
Tsfr To Administrative Svcs	-	-	(44,175)	-	-	-
Tsfr To Oregon Climate Authority	-	-	-	-	(932,120)	-
Total Other Funds	\$36,363,355	\$65,292,528	\$67,273,953	\$84,733,856	\$75,973,940	-
Federal Funds						
Federal Funds	7,626,890	11,208,065	11,225,270	11,479,568	11,479,568	-
Transfer Out - Indirect Cost	(751,889)	(996,671)	(1,021,981)	(1,214,452)	(1,214,452)	-
Total Federal Funds	\$6,875,001	\$10,211,394	\$10,203,289	\$10,265,116	\$10,265,116	-

Agency Request
2019-21 Biennium

Governor's
Budget Page _____

Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	195,801	-	-	-	-	-	195,801
Total Revenues	\$195,801	-	-	-	-	-	\$195,801
Transfers Out							
Transfer Out - Indirect Cost	-	-	(200,733)	(28,626)	-	-	(229,359)
Total Transfers Out	-	-	(\$200,733)	(\$28,626)	-	-	(\$229,359)
Personal Services							
Temporary Appointments	-	-	7,332	3,246	-	-	10,578
Overtime Payments	-	-	1,873	1,020	-	-	2,893
Shift Differential	-	-	636	-	-	-	636
Public Employees' Retire Cont	-	-	426	173	-	-	599
Pension Obligation Bond	76,714	-	104,419	14,160	-	-	195,293
Social Security Taxes	-	-	753	326	-	-	1,079
Mass Transit Tax	6,848	-	10,037	-	-	-	16,885
Vacancy Savings	112,239	-	800,090	112,982	-	-	1,025,311
Total Personal Services	\$195,801	-	\$925,566	\$131,907	-	-	\$1,253,274
Total Expenditures							
Total Expenditures	195,801	-	925,566	131,907	-	-	1,253,274
Total Expenditures	\$195,801	-	\$925,566	\$131,907	-	-	\$1,253,274

____ Agency Request
2019-21 Biennium

__x__ Governor's
Budget Page _____

____ Legislatively Adopted
Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	(1,126,299)	(160,533)	-	-	(1,286,832)
Total Ending Balance	-	-	(\$1,126,299)	(\$160,533)	-	-	(\$1,286,832)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 021 - Phase - In

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	248,900	-	-	-	-	-	248,900
Total Revenues	\$248,900	-	-	-	-	-	\$248,900
Services & Supplies							
Instate Travel	4,742	-	4,115	-	-	-	8,857
Out of State Travel	312	-	673	-	-	-	985
Employee Training	3,280	-	5,685	-	-	-	8,965
Office Expenses	3,243	-	5,668	-	-	-	8,911
Telecommunications	5,036	-	8,273	-	-	-	13,309
Data Processing	564	-	1,219	-	-	-	1,783
Publicity and Publications	1,940	-	4,200	-	-	-	6,140
Employee Recruitment and Develop	44	-	99	-	-	-	143
Dues and Subscriptions	156	-	334	-	-	-	490
Facilities Rental and Taxes	32,384	-	70,099	-	-	-	102,483
Fuels and Utilities	1,020	-	2,212	-	-	-	3,232
Facilities Maintenance	116	-	252	-	-	-	368
Medical Services and Supplies	44	-	99	-	-	-	143
Agency Program Related S and S	8,918	-	659	-	-	-	9,577
Intra-agency Charges	132,681	-	-	-	-	-	132,681
Other Services and Supplies	39,247	-	27,874	-	-	-	67,121
Expendable Prop 250 - 5000	11,011	-	5,405	-	-	-	16,416
IT Expendable Property	4,162	-	3,134	-	-	-	7,296
Total Services & Supplies	\$248,900	-	\$140,000	-	-	-	\$388,900

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 021 - Phase - In

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Expenditures							
Total Expenditures	248,900	-	140,000	-	-	-	388,900
Total Expenditures	\$248,900	-	\$140,000	-	-	-	\$388,900
Ending Balance							
Ending Balance	-	-	(140,000)	-	-	-	(140,000)
Total Ending Balance	-	-	(\$140,000)	-	-	-	(\$140,000)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(1,188,092)	-	-	-	-	-	(1,188,092)
Total Revenues	(\$1,188,092)	-	-	-	-	-	(\$1,188,092)

Services & Supplies

Instate Travel	-	-	(22,108)	-	-	-	(22,108)
Out of State Travel	-	-	(1,156)	-	-	-	(1,156)
Employee Training	-	-	(9,820)	-	-	-	(9,820)
Office Expenses	-	-	(9,795)	-	-	-	(9,795)
Telecommunications	-	-	(14,291)	-	-	-	(14,291)
Data Processing	-	-	(2,100)	-	-	-	(2,100)
Publicity and Publications	-	-	(7,258)	-	-	-	(7,258)
Professional Services	(343,092)	-	-	(326,538)	-	-	(669,630)
Attorney General	-	-	(200,200)	-	-	-	(200,200)
Employee Recruitment and Develop	-	-	(166)	-	-	-	(166)
Dues and Subscriptions	-	-	(578)	-	-	-	(578)
Facilities Rental and Taxes	-	-	(121,039)	-	-	-	(121,039)
Fuels and Utilities	-	-	(3,818)	-	-	-	(3,818)
Facilities Maintenance	-	-	(437)	-	-	-	(437)
Medical Services and Supplies	-	-	(166)	-	-	-	(166)
Agency Program Related S and S	-	-	(1,131)	-	-	-	(1,131)
Other Services and Supplies	-	-	(231,893)	-	-	-	(231,893)
Expendable Prop 250 - 5000	-	-	(9,333)	-	-	-	(9,333)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
IT Expendable Property	-	-	(5,415)	-	-	-	(5,415)
Total Services & Supplies	(\$343,092)	-	(\$640,704)	(\$326,538)	-	-	(\$1,310,334)
Capital Outlay							
Technical Equipment	(795,000)	-	-	-	-	-	(795,000)
Data Processing Software	(50,000)	-	-	-	-	-	(50,000)
Total Capital Outlay	(\$845,000)	-	-	-	-	-	(\$845,000)
Total Expenditures							
Total Expenditures	(1,188,092)	-	(640,704)	(326,538)	-	-	(2,155,334)
Total Expenditures	(\$1,188,092)	-	(\$640,704)	(\$326,538)	-	-	(\$2,155,334)
Ending Balance							
Ending Balance	-	-	640,704	326,538	-	-	967,242
Total Ending Balance	-	-	\$640,704	\$326,538	-	-	\$967,242

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 031 - Standard Inflation**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	284,628	-	-	-	-	-	284,628
Total Revenues	\$284,628	-	-	-	-	-	\$284,628
Transfers Out							
Transfer Out - Intrafund	-	-	(9,642)	-	-	-	(9,642)
Total Transfers Out	-	-	(\$9,642)	-	-	-	(\$9,642)
Services & Supplies							
Instate Travel	2,085	-	5,403	989	-	-	8,477
Out of State Travel	139	-	551	36	-	-	726
Employee Training	1,450	-	7,536	1,089	-	-	10,075
Office Expenses	1,698	-	10,763	628	-	-	13,089
Telecommunications	2,288	-	16,509	825	-	-	19,622
Data Processing	496	-	2,868	195	-	-	3,559
Publicity and Publications	485	-	3,491	40	-	-	4,016
Professional Services	8,928	-	50,024	3,327	-	-	62,279
IT Professional Services	-	-	7,904	-	-	-	7,904
Attorney General	55,261	-	97,456	8,827	-	-	161,544
Employee Recruitment and Develop	47	-	56	27	-	-	130
Dues and Subscriptions	70	-	391	42	-	-	503
Facilities Rental and Taxes	59,927	-	174,633	15,920	-	-	250,480
Fuels and Utilities	513	-	16,709	214	-	-	17,436
Facilities Maintenance	86	-	4,481	39	-	-	4,606
Medical Services and Supplies	11	-	79	1	-	-	91

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Agency Program Related S and S	27,025	-	8,030	2,701	-	-	37,756
Intra-agency Charges	56,696	-	-	-	-	-	56,696
Other Services and Supplies	38,958	-	53,624	15,987	-	-	108,569
Expendable Prop 250 - 5000	5,593	-	10,786	1,486	-	-	17,865
IT Expendable Property	1,965	-	5,828	281	-	-	8,074
Total Services & Supplies	\$263,721	-	\$477,122	\$52,654	-	-	\$793,497
Capital Outlay							
Technical Equipment	9,852	-	23,234	6,587	-	-	39,673
Data Processing Hardware	913	-	5,348	-	-	-	6,261
Total Capital Outlay	\$10,765	-	\$28,582	\$6,587	-	-	\$45,934
Special Payments							
Dist to Other Gov Unit	10,142	-	-	74,840	-	-	84,982
Dist to Non-Gov Units	-	-	385,431	39,926	-	-	425,357
Spc Pmt to Police, Dept of State	-	-	-	-	-	-	-
Spc Pmt to Transportation, Dept	-	-	7,475	-	-	-	7,475
Total Special Payments	\$10,142	-	\$392,906	\$114,766	-	-	\$517,814
Total Expenditures							
Total Expenditures	284,628	-	898,610	174,007	-	-	1,357,245
Total Expenditures	\$284,628	-	\$898,610	\$174,007	-	-	\$1,357,245

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	(908,252)	(174,007)	-	-	(1,082,259)
Total Ending Balance	-	-	(\$908,252)	(\$174,007)	-	-	(\$1,082,259)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 032 - Above Standard Inflation

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	27,362	-	-	-	-	-	27,362
Total Revenues	\$27,362	-	-	-	-	-	\$27,362
Services & Supplies							
Facilities Rental and Taxes	27,362	-	-	-	-	-	27,362
Total Services & Supplies	\$27,362	-	-	-	-	-	\$27,362
Total Expenditures							
Total Expenditures	27,362	-	-	-	-	-	27,362
Total Expenditures	\$27,362	-	-	-	-	-	\$27,362
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 033 - Exceptional Inflation

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	150,377	-	-	-	-	-	150,377
Total Revenues	\$150,377	-	-	-	-	-	\$150,377
Services & Supplies							
Intra-agency Charges	150,377	-	-	-	-	-	150,377
Total Services & Supplies	\$150,377	-	-	-	-	-	\$150,377
Total Expenditures							
Total Expenditures	150,377	-	-	-	-	-	150,377
Total Expenditures	\$150,377	-	-	-	-	-	\$150,377
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 060 - Technical Adjustments**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	(56,969)	-	-	-	(56,969)
Total Transfers Out	-	-	(\$56,969)	-	-	-	(\$56,969)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	181,464	-	-	-	181,464
Empl. Rel. Bd. Assessments	-	-	61	-	-	-	61
Public Employees' Retire Cont	-	-	30,794	-	-	-	30,794
Social Security Taxes	-	-	13,882	-	-	-	13,882
Worker's Comp. Assess. (WCD)	-	-	58	-	-	-	58
Mass Transit Tax	-	-	1,089	-	-	-	1,089
Flexible Benefits	-	-	35,184	-	-	-	35,184
Total Personal Services	-	-	\$262,532	-	-	-	\$262,532
Services & Supplies							
Facilities Rental and Taxes	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 060 - Technical Adjustments

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Expenditures							
Total Expenditures	-	-	262,532	-	-	-	262,532
Total Expenditures	-	-	\$262,532	-	-	-	\$262,532
Ending Balance							
Ending Balance	-	-	(319,501)	-	-	-	(319,501)
Total Ending Balance	-	-	(\$319,501)	-	-	-	(\$319,501)
Total Positions							
Total Positions							1
Total Positions	-	-	-	-	-	-	1
Total FTE							
Total FTE							1.00
Total FTE	-	-	-	-	-	-	1.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 070 - Revenue Shortfalls**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	248,831	-	-	-	248,831
Total Transfers Out	-	-	\$248,831	-	-	-	\$248,831
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	(690,192)	-	-	-	(690,192)
Empl. Rel. Bd. Assessments	-	-	(488)	-	-	-	(488)
Public Employees' Retire Cont	-	-	(117,126)	-	-	-	(117,126)
Social Security Taxes	-	-	(52,802)	-	-	-	(52,802)
Worker's Comp. Assess. (WCD)	-	-	(464)	-	-	-	(464)
Mass Transit Tax	-	-	(4,142)	-	-	-	(4,142)
Flexible Benefits	-	-	(281,472)	-	-	-	(281,472)
Total Personal Services	-	-	(\$1,146,686)	-	-	-	(\$1,146,686)
Services & Supplies							
Instate Travel	-	-	(3,175)	-	-	-	(3,175)
Out of State Travel	-	-	(24)	-	-	-	(24)
Employee Training	-	-	(2,867)	-	-	-	(2,867)
Office Expenses	-	-	(6,136)	-	-	-	(6,136)
Telecommunications	-	-	(11,775)	-	-	-	(11,775)
Data Processing	-	-	(2,725)	-	-	-	(2,725)
Dues and Subscriptions	-	-	(142)	-	-	-	(142)
Fuels and Utilities	-	-	(18,764)	-	-	-	(18,764)
Facilities Maintenance	-	-	(6,231)	-	-	-	(6,231)
Agency Program Related S and S	-	-	(10,069)	-	-	-	(10,069)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 070 - Revenue Shortfalls**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Other Services and Supplies	-	-	(160,990)	-	-	-	(160,990)
Expendable Prop 250 - 5000	-	-	(7,487)	-	-	-	(7,487)
IT Expendable Property	-	-	(6,539)	-	-	-	(6,539)
Total Services & Supplies	-	-	(\$236,924)	-	-	-	(\$236,924)
Total Expenditures							
Total Expenditures	-	-	(1,383,610)	-	-	-	(1,383,610)
Total Expenditures	-	-	(\$1,383,610)	-	-	-	(\$1,383,610)
Ending Balance							
Ending Balance	-	-	1,632,441	-	-	-	1,632,441
Total Ending Balance	-	-	\$1,632,441	-	-	-	\$1,632,441
Total Positions							
Total Positions	-	-	-	-	-	-	(8)
Total Positions	-	-	-	-	-	-	(8)
Total FTE							
Total FTE	-	-	-	-	-	-	(8.00)
Total FTE	-	-	-	-	-	-	(8.00)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(815,941)	-	-	-	-	-	(815,941)
Total Revenues	(\$815,941)	-	-	-	-	-	(\$815,941)
Personal Services							
Class/Unclass Sal. and Per Diem	(228,816)	-	-	-	-	-	(228,816)
Empl. Rel. Bd. Assessments	(122)	-	-	-	-	-	(122)
Public Employees' Retire Cont	(38,830)	-	-	-	-	-	(38,830)
Social Security Taxes	(17,504)	-	-	-	-	-	(17,504)
Worker's Comp. Assess. (WCD)	(116)	-	-	-	-	-	(116)
Mass Transit Tax	(1,373)	-	-	-	-	-	(1,373)
Flexible Benefits	(70,368)	-	-	-	-	-	(70,368)
Vacancy Savings	(166,788)	-	-	-	-	-	(166,788)
Total Personal Services	(\$523,917)	-	-	-	-	-	(\$523,917)
Services & Supplies							
Instate Travel	(16,105)	-	-	-	-	-	(16,105)
Employee Training	(3,705)	-	-	-	-	-	(3,705)
Office Expenses	(3,525)	-	-	-	-	-	(3,525)
Agency Program Related S and S	(48,810)	-	-	-	-	-	(48,810)
Other Services and Supplies	(149,373)	-	-	-	-	-	(149,373)
Expendable Prop 250 - 5000	(55,125)	-	-	-	-	-	(55,125)
IT Expendable Property	(15,381)	-	-	-	-	-	(15,381)
Total Services & Supplies	(\$292,024)	-	-	-	-	-	(\$292,024)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Expenditures							
Total Expenditures	(815,941)	-	-	-	-	-	(815,941)
Total Expenditures	(\$815,941)	-	-	-	-	-	(\$815,941)
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							(2)
Total Positions	-	-	-	-	-	-	(2)
Total FTE							
Total FTE							(2.00)
Total FTE	-	-	-	-	-	-	(2.00)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 091 - Statewide Adjustment DAS Chgs

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(79,368)	-	-	-	-	-	(79,368)
Total Revenues	(\$79,368)	-	-	-	-	-	(\$79,368)
Services & Supplies							
Data Processing	-	-	(17,519)	-	-	-	(17,519)
Facilities Rental and Taxes	(79,368)	-	(55,788)	-	-	-	(135,156)
Other Services and Supplies	-	-	(40,907)	-	-	-	(40,907)
Total Services & Supplies	(\$79,368)	-	(\$114,214)	-	-	-	(\$193,582)
Total Expenditures							
Total Expenditures	(79,368)	-	(114,214)	-	-	-	(193,582)
Total Expenditures	(\$79,368)	-	(\$114,214)	-	-	-	(\$193,582)
Ending Balance							
Ending Balance	-	-	114,214	-	-	-	114,214
Total Ending Balance	-	-	\$114,214	-	-	-	\$114,214

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 092 - Statewide AG Adjustment

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(19,614)	-	-	-	-	-	(19,614)
Total Revenues	(\$19,614)	-	-	-	-	-	(\$19,614)
Services & Supplies							
Attorney General	(19,614)	-	(34,590)	(3,133)	-	-	(57,337)
Total Services & Supplies	(\$19,614)	-	(\$34,590)	(\$3,133)	-	-	(\$57,337)
Total Expenditures							
Total Expenditures	(19,614)	-	(34,590)	(3,133)	-	-	(57,337)
Total Expenditures	(\$19,614)	-	(\$34,590)	(\$3,133)	-	-	(\$57,337)
Ending Balance							
Ending Balance	-	-	34,590	3,133	-	-	37,723
Total Ending Balance	-	-	\$34,590	\$3,133	-	-	\$37,723

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 111 - Oversee Electric Vehicle Rebate Program**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	(41,494)	-	-	-	(41,494)
Total Transfers Out	-	-	(\$41,494)	-	-	-	(\$41,494)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	124,512	-	-	-	124,512
Empl. Rel. Bd. Assessments	-	-	61	-	-	-	61
Public Employees' Retire Cont	-	-	21,130	-	-	-	21,130
Social Security Taxes	-	-	9,525	-	-	-	9,525
Worker's Comp. Assess. (WCD)	-	-	58	-	-	-	58
Mass Transit Tax	-	-	747	-	-	-	747
Flexible Benefits	-	-	35,184	-	-	-	35,184
Total Personal Services	-	-	\$191,217	-	-	-	\$191,217
Services & Supplies							
Instate Travel	-	-	1,132	-	-	-	1,132
Out of State Travel	-	-	185	-	-	-	185
Employee Training	-	-	1,563	-	-	-	1,563
Office Expenses	-	-	1,559	-	-	-	1,559
Telecommunications	-	-	2,275	-	-	-	2,275
Data Processing	-	-	335	-	-	-	335
Publicity and Publications	-	-	1,155	-	-	-	1,155
Employee Recruitment and Develop	-	-	27	-	-	-	27
Dues and Subscriptions	-	-	92	-	-	-	92
Fuels and Utilities	-	-	608	-	-	-	608

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 111 - Oversee Electric Vehicle Rebate Program

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Facilities Maintenance	-	-	69	-	-	-	69
Medical Services and Supplies	-	-	27	-	-	-	27
Agency Program Related S and S	-	-	181	-	-	-	181
Other Services and Supplies	-	-	26,944	-	-	-	26,944
Expendable Prop 250 - 5000	-	-	1,486	-	-	-	1,486
IT Expendable Property	-	-	862	-	-	-	862
Total Services & Supplies	-	-	\$38,500	-	-	-	\$38,500
Special Payments							
Dist to Non-Gov Units	-	-	5,519,542	-	-	-	5,519,542
Total Special Payments	-	-	\$5,519,542	-	-	-	\$5,519,542
Total Expenditures							
Total Expenditures	-	-	5,749,259	-	-	-	5,749,259
Total Expenditures	-	-	\$5,749,259	-	-	-	\$5,749,259
Ending Balance							
Ending Balance	-	-	(5,790,753)	-	-	-	(5,790,753)
Total Ending Balance	-	-	(\$5,790,753)	-	-	-	(\$5,790,753)
Total Positions							
Total Positions	-	-	-	-	-	-	1
Total Positions	-	-	-	-	-	-	1

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 111 - Oversee Electric Vehicle Rebate Program

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							1.00
Total FTE	-	-	-	-	-	-	1.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 114 - Reduce Wood Smoke Pollution

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Agency Program Related S and S	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 116 - Eliminate the Air Quality Backlog

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	466,977	-	-	-	466,977
Empl. Rel. Bd. Assessments	-	-	260	-	-	-	260
Public Employees' Retire Cont	-	-	79,247	-	-	-	79,247
Social Security Taxes	-	-	35,725	-	-	-	35,725
Worker's Comp. Assess. (WCD)	-	-	252	-	-	-	252
Mass Transit Tax	-	-	2,801	-	-	-	2,801
Flexible Benefits	-	-	152,464	-	-	-	152,464
Reconciliation Adjustment	-	-	(472)	-	-	-	(472)
Total Personal Services	-	-	\$737,254	-	-	-	\$737,254
Services & Supplies							
Instate Travel	-	-	4,890	-	-	-	4,890
Out of State Travel	-	-	799	-	-	-	799
Employee Training	-	-	6,752	-	-	-	6,752
Office Expenses	-	-	6,736	-	-	-	6,736

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 116 - Eliminate the Air Quality Backlog**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Telecommunications	-	-	9,829	-	-	-	9,829
Data Processing	-	-	1,447	-	-	-	1,447
Publicity and Publications	-	-	4,990	-	-	-	4,990
Employee Recruitment and Develop	-	-	116	-	-	-	116
Dues and Subscriptions	-	-	399	-	-	-	399
Fuels and Utilities	-	-	2,628	-	-	-	2,628
Facilities Maintenance	-	-	299	-	-	-	299
Medical Services and Supplies	-	-	116	-	-	-	116
Agency Program Related S and S	-	-	782	-	-	-	782
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	116,393	-	-	-	116,393
Expendable Prop 250 - 5000	-	-	6,420	-	-	-	6,420
IT Expendable Property	-	-	3,725	-	-	-	3,725
Total Services & Supplies	-	-	\$166,321	-	-	-	\$166,321
Total Expenditures							
Total Expenditures	-	-	903,575	-	-	-	903,575
Total Expenditures	-	-	\$903,575	-	-	-	\$903,575
Ending Balance							
Ending Balance	-	-	(903,575)	-	-	-	(903,575)
Total Ending Balance	-	-	(\$903,575)	-	-	-	(\$903,575)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 116 - Eliminate the Air Quality Backlog

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							9
Total Positions	-	-	-	-	-	-	9
Total FTE							
Total FTE							4.50
Total FTE	-	-	-	-	-	-	4.50

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 118 - Maintain Effective Vehicle Inspection Service**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	690,192	-	-	-	690,192
Empl. Rel. Bd. Assessments	-	-	488	-	-	-	488
Public Employees' Retire Cont	-	-	117,126	-	-	-	117,126
Social Security Taxes	-	-	52,802	-	-	-	52,802
Worker's Comp. Assess. (WCD)	-	-	464	-	-	-	464
Mass Transit Tax	-	-	4,142	-	-	-	4,142
Flexible Benefits	-	-	281,472	-	-	-	281,472
Total Personal Services	-	-	\$1,146,686	-	-	-	\$1,146,686
Services & Supplies							
Instate Travel	-	-	4,127	-	-	-	4,127
Out of State Travel	-	-	31	-	-	-	31
Employee Training	-	-	3,727	-	-	-	3,727
Office Expenses	-	-	7,977	-	-	-	7,977
Telecommunications	-	-	15,308	-	-	-	15,308
Data Processing	-	-	3,542	-	-	-	3,542

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 118 - Maintain Effective Vehicle Inspection Service**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	185	-	-	-	185
Fuels and Utilities	-	-	24,394	-	-	-	24,394
Facilities Maintenance	-	-	8,100	-	-	-	8,100
Agency Program Related S and S	-	-	13,090	-	-	-	13,090
Other Services and Supplies	-	-	209,285	-	-	-	209,285
Expendable Prop 250 - 5000	-	-	9,733	-	-	-	9,733
IT Expendable Property	-	-	8,501	-	-	-	8,501
Total Services & Supplies	-	-	\$308,000	-	-	-	\$308,000
Total Expenditures							
Total Expenditures	-	-	1,454,686	-	-	-	1,454,686
Total Expenditures	-	-	\$1,454,686	-	-	-	\$1,454,686
Ending Balance							
Ending Balance	-	-	(1,454,686)	-	-	-	(1,454,686)
Total Ending Balance	-	-	(\$1,454,686)	-	-	-	(\$1,454,686)
Total Positions							
Total Positions							8
Total Positions	-	-	-	-	-	-	8

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 118 - Maintain Effective Vehicle Inspection Service

Cross Reference Name: Air Quality
 Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							8.00
Total FTE	-	-	-	-	-	-	8.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 119 - Implement Air Toxics Permitting Program**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	4,847,282	-	-	-	4,847,282
Total Revenues	-	-	\$4,847,282	-	-	-	\$4,847,282
Transfers Out							
Transfer Out - Indirect Cost	-	-	(468,235)	-	-	-	(468,235)
Total Transfers Out	-	-	(\$468,235)	-	-	-	(\$468,235)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	1,413,048	-	-	-	1,413,048
Empl. Rel. Bd. Assessments	-	-	671	-	-	-	671
Public Employees' Retire Cont	-	-	239,796	-	-	-	239,796
Social Security Taxes	-	-	108,096	-	-	-	108,096
Worker's Comp. Assess. (WCD)	-	-	638	-	-	-	638
Mass Transit Tax	-	-	8,479	-	-	-	8,479
Flexible Benefits	-	-	387,024	-	-	-	387,024
Total Personal Services	-	-	\$2,157,752	-	-	-	\$2,157,752
Services & Supplies							
Instate Travel	-	-	12,451	-	-	-	12,451
Out of State Travel	-	-	2,033	-	-	-	2,033
Employee Training	-	-	17,194	-	-	-	17,194
Office Expenses	-	-	17,152	-	-	-	17,152
Telecommunications	-	-	25,029	-	-	-	25,029
Data Processing	-	-	3,684	-	-	-	3,684

____ Agency Request
2019-21 Biennium

____ Governor's Budget
Page _____

____ Legislatively Adopted
Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 119 - Implement Air Toxics Permitting Program

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Publicity and Publications	-	-	12,705	-	-	-	12,705
Employee Recruitment and Develop	-	-	296	-	-	-	296
Dues and Subscriptions	-	-	1,016	-	-	-	1,016
Fuels and Utilities	-	-	6,691	-	-	-	6,691
Facilities Maintenance	-	-	762	-	-	-	762
Medical Services and Supplies	-	-	296	-	-	-	296
Agency Program Related S and S	-	-	1,990	-	-	-	1,990
Other Services and Supplies	-	-	296,369	-	-	-	296,369
Expendable Prop 250 - 5000	-	-	16,347	-	-	-	16,347
IT Expendable Property	-	-	9,486	-	-	-	9,486
Total Services & Supplies	-	-	\$423,501	-	-	-	\$423,501
Total Expenditures							
Total Expenditures	-	-	2,581,253	-	-	-	2,581,253
Total Expenditures	-	-	\$2,581,253	-	-	-	\$2,581,253
Ending Balance							
Ending Balance	-	-	1,797,794	-	-	-	1,797,794
Total Ending Balance	-	-	\$1,797,794	-	-	-	\$1,797,794
Total Positions							
Total Positions							11
Total Positions	-	-	-	-	-	-	11

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 119 - Implement Air Toxics Permitting Program

Cross Reference Name: Air Quality
 Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							11.00
Total FTE	-	-	-	-	-	-	11.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Facilities Rental and Taxes	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Air Quality
 Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Medical Services and Supplies	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Air Quality
 Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 501 - ODOE to OCA Agency Transition**

**Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Tsfr To Oregon Climate Authority	-	-	(932,120)	-	-	-	(932,120)
Total Transfers Out	-	-	(\$932,120)	-	-	-	(\$932,120)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	(508,440)	-	-	-	(508,440)
Empl. Rel. Bd. Assessments	-	-	(244)	-	-	-	(244)
Public Employees' Retire Cont	-	-	(86,282)	-	-	-	(86,282)
Social Security Taxes	-	-	(38,895)	-	-	-	(38,895)
Worker's Comp. Assess. (WCD)	-	-	(232)	-	-	-	(232)
Mass Transit Tax	-	-	(3,053)	-	-	-	(3,053)
Flexible Benefits	-	-	(140,736)	-	-	-	(140,736)
Vacancy Savings	-	-	(238)	-	-	-	(238)
Total Personal Services	-	-	(\$778,120)	-	-	-	(\$778,120)
Services & Supplies							
Instate Travel	-	-	(4,090)	-	-	-	(4,090)
Out of State Travel	-	-	(716)	-	-	-	(716)
Employee Training	-	-	(5,533)	-	-	-	(5,533)
Office Expenses	-	-	(5,952)	-	-	-	(5,952)
Telecommunications	-	-	(6,495)	-	-	-	(6,495)
Data Processing	-	-	(1,497)	-	-	-	(1,497)
Publicity and Publications	-	-	(2,398)	-	-	-	(2,398)
Professional Services	-	-	(12,403)	-	-	-	(12,403)
Employee Recruitment and Develop	-	-	(153)	-	-	-	(153)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 501 - ODOE to OCA Agency Transition

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	(292)	-	-	-	(292)
Facilities Rental and Taxes	-	-	(68,563)	-	-	-	(68,563)
Fuels and Utilities	-	-	(2,451)	-	-	-	(2,451)
Facilities Maintenance	-	-	(302)	-	-	-	(302)
Medical Services and Supplies	-	-	(56)	-	-	-	(56)
Agency Program Related S and S	-	-	(1,487)	-	-	-	(1,487)
Other Services and Supplies	-	-	(33,997)	-	-	-	(33,997)
Expendable Prop 250 - 5000	-	-	(5,825)	-	-	-	(5,825)
IT Expendable Property	-	-	(1,790)	-	-	-	(1,790)
Total Services & Supplies	-	-	(\$154,000)	-	-	-	(\$154,000)
Total Expenditures							
Total Expenditures	-	-	(932,120)	-	-	-	(932,120)
Total Expenditures	-	-	(\$932,120)	-	-	-	(\$932,120)
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions	-	-	-	-	-	-	(4)
Total Positions	-	-	-	-	-	-	(4)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 501 - ODOE to OCA Agency Transition

Cross Reference Name: Air Quality
Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							(4.00)
Total FTE	-	-	-	-	-	-	(4.00)



PACKAGE: 060 - Technical Adjustments

POSITION NUMBER	CLASS COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0002950	MMN X0872	AP OPERATIONS & POLICY ANALYST 3	1	1.00	24.00	07	7,561.00		181,464 79,979			181,464 79,979
TOTAL PICS SALARY									181,464			181,464
TOTAL PICS OPE									79,979			79,979
TOTAL PICS PERSONAL SERVICES =			1	1.00	24.00				261,443			261,443

PACKAGE: 070 - Revenue Shortfalls

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000249	AD	C0323	VP PUBLIC SERVICE REP 3	1-	1.00-	24.00-	02	2,881.00		69,144- 52,327-			69,144- 52,327-
0000500	AD	C0323	VP PUBLIC SERVICE REP 3	1-	1.00-	24.00-	04	3,129.00		75,096- 53,792-			75,096- 53,792-
0001413	AD	C0323	VP PUBLIC SERVICE REP 3	1-	1.00-	24.00-	02	2,881.00		69,144- 52,327-			69,144- 52,327-
0001482	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	1-	1.00-	24.00-	06	4,292.00		103,008- 60,663-			103,008- 60,663-
0002316	AD	C0323	VP PUBLIC SERVICE REP 3	1-	1.00-	24.00-	09	3,917.00		94,008- 58,448-			94,008- 58,448-
0002519	AD	C0323	VP PUBLIC SERVICE REP 3	1-	1.00-	24.00-	02	2,881.00		69,144- 52,327-			69,144- 52,327-
0002939	AD	C0104	AP OFFICE SPECIALIST 2	1-	1.00-	24.00-	08	3,650.00		87,600- 56,871-			87,600- 56,871-
0003031	MMN	X0871	AP OPERATIONS & POLICY ANALYST 2	1-	1.00-	24.00-	02	5,127.00		123,048- 65,597-			123,048- 65,597-
TOTAL PICS SALARY										690,192-			690,192-
TOTAL PICS OPE										452,352-			452,352-
TOTAL PICS PERSONAL SERVICES =				8-	8.00-	192.00-				1,142,544-			1,142,544-

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003192	AD	C0870	AP OPERATIONS & POLICY ANALYST	1	1.00-	24.00-	09	5,437.00	130,488- 67,429-				130,488- 67,429-
0003193	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	1.00-	24.00-	02	4,097.00	98,328- 59,511-				98,328- 59,511-
TOTAL PICS SALARY									228,816-				228,816-
TOTAL PICS OPE									126,940-				126,940-
TOTAL PICS PERSONAL SERVICES =				2-	2.00-	48.00-			355,756-				355,756-

PACKAGE: 111 - Oversee Electric Vechicle Reba

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003592	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	02	5,188.00		124,512			124,512
										65,958			65,958
TOTAL PICS SALARY										124,512			124,512
TOTAL PICS OPE										65,958			65,958
TOTAL PICS PERSONAL SERVICES =				1	1.00	24.00				190,470			190,470

PACKAGE: 116 - Eliminate the Air Quality Back

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003593	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	1	.50	12.00	02	3,563.00		42,756 28,178			42,756 28,178
0003594	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	1	.50	12.00	02	3,563.00		42,756 28,178			42,756 28,178
0003595	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.50	12.00	02	4,097.00		49,164 29,755			49,164 29,755
0003596	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003597	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003598	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003599	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	.50	12.00	02	5,437.00		65,244 33,714			65,244 33,714
0003600	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	1	.50	12.00	02	5,437.00		65,244 33,714			65,244 33,714
0003601	AD	C0104	AP OFFICE SPECIALIST 2	1	.16	3.84	02	2,831.00		10,871 8,561			10,871 8,561
0003602	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	.16	3.84	02	5,437.00		20,878 11,024			20,878 11,024
TOTAL PICS SALARY										466,977			466,977
TOTAL PICS OPE										267,948			267,948
TOTAL PICS PERSONAL SERVICES =				10	4.32	103.68				734,925			734,925

PACKAGE: 118 - Maintain Effective Vehicle Ins

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000249	AD	C0323	VP PUBLIC SERVICE REP 3	1	1.00	24.00	02	2,881.00		69,144 52,327			69,144 52,327
0000500	AD	C0323	VP PUBLIC SERVICE REP 3	1	1.00	24.00	04	3,129.00		75,096 53,792			75,096 53,792
0001413	AD	C0323	VP PUBLIC SERVICE REP 3	1	1.00	24.00	02	2,881.00		69,144 52,327			69,144 52,327
0001482	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	1	1.00	24.00	06	4,292.00		103,008 60,663			103,008 60,663
0002316	AD	C0323	VP PUBLIC SERVICE REP 3	1	1.00	24.00	09	3,917.00		94,008 58,448			94,008 58,448
0002519	AD	C0323	VP PUBLIC SERVICE REP 3	1	1.00	24.00	02	2,881.00		69,144 52,327			69,144 52,327
0002939	AD	C0104	AP OFFICE SPECIALIST 2	1	1.00	24.00	08	3,650.00		87,600 56,871			87,600 56,871
0003031	MMN	X0871	AP OPERATIONS & POLICY ANALYST 2	1	1.00	24.00	02	5,127.00		123,048 65,597			123,048 65,597
TOTAL PICS SALARY										690,192			690,192
TOTAL PICS OPE										452,352			452,352
TOTAL PICS PERSONAL SERVICES =				8	8.00	192.00				1,142,544			1,142,544

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003603	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003604	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003605	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003606	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003607	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003608	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003609	AD	C0861	AP PROGRAM ANALYST 2	1	1.00	24.00	02	4,724.00		113,376 63,216			113,376 63,216
0003610	AD	C0861	AP PROGRAM ANALYST 2	1	1.00	24.00	02	4,724.00		113,376 63,216			113,376 63,216
0003611	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	02	5,188.00		124,512 65,958			124,512 65,958
0003612	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	1	1.00	24.00	02	6,275.00		150,600 72,381			150,600 72,381
0003613	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	1.00	24.00	02	5,344.00		128,256 66,880			128,256 66,880
TOTAL PICS SALARY										1,413,048			1,413,048
TOTAL PICS OPE										736,225			736,225
TOTAL PICS PERSONAL SERVICES =				11	11.00	264.00				2,149,273			2,149,273

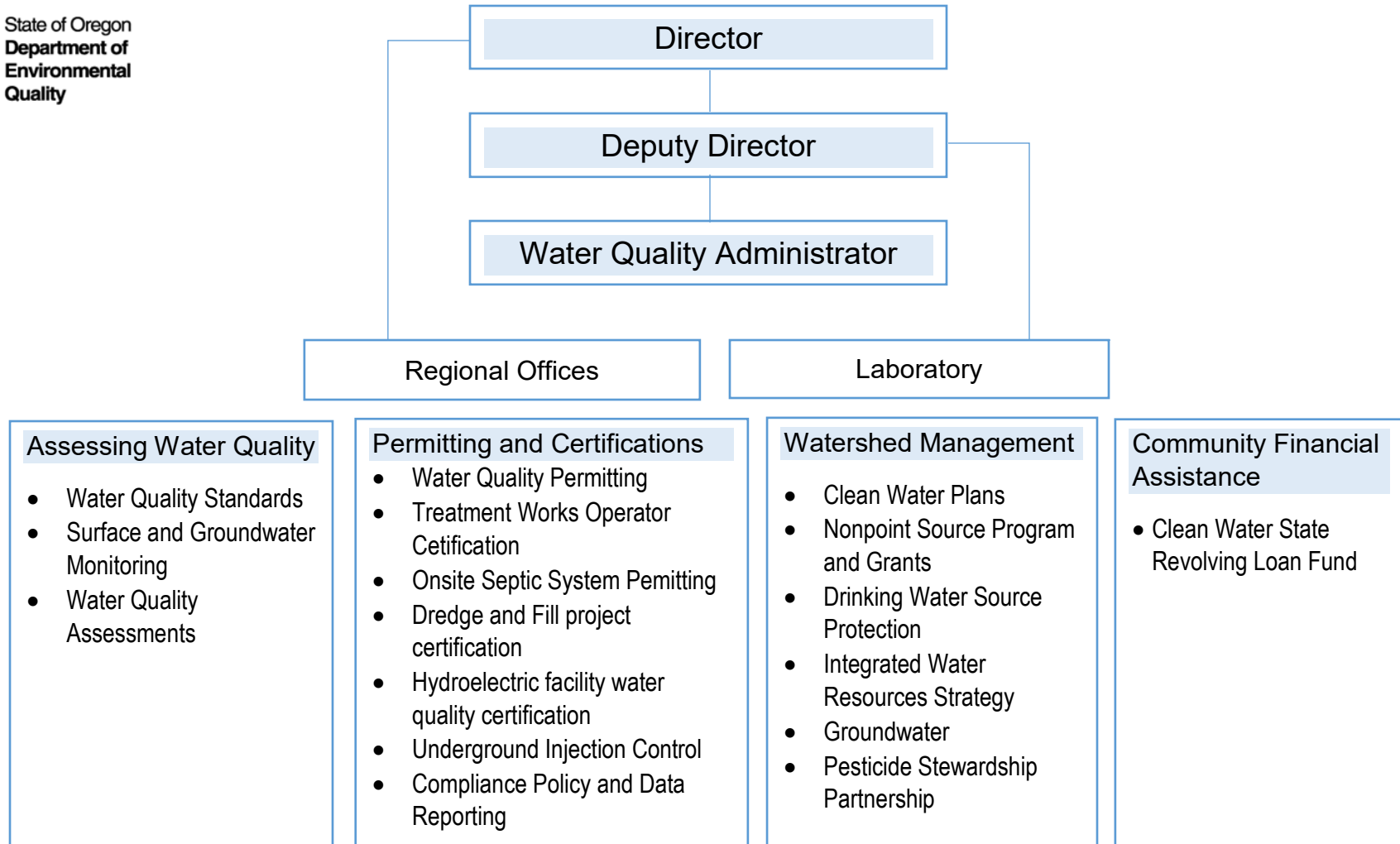
POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0002704	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1-	1.00-	24.00-	06	4,948.00		118,752-64,539-			118,752-64,539-
0002705	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1-	1.00-	24.00-	04	5,188.00		124,512-65,958-			124,512-65,958-
0003410	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1-	1.00-	24.00-	02	5,344.00		128,256-66,880-			128,256-66,880-
0003411	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1-	1.00-	24.00-	03	5,705.00		136,920-69,012-			136,920-69,012-
TOTAL PICS SALARY										508,440-			508,440-
TOTAL PICS OPE										266,389-			266,389-
TOTAL PICS PERSONAL SERVICES =				4-	4.00-	96.00-				774,829-			774,829-



State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality

Water Quality Program Organizational Chart

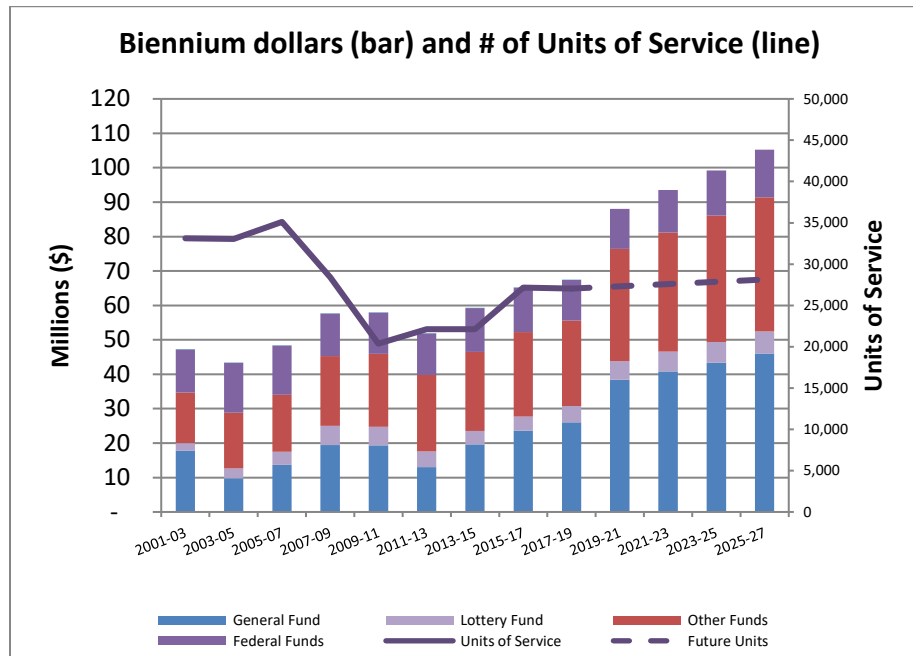


WATER QUALITY

EXECUTIVE SUMMARY

Primary Outcome Area: Responsible Environmental Stewardship
Secondary Outcome Area: Thriving Statewide Economy
Tertiary Outcome Area: Excellence in State Government
Program contact: Nancy Bennett, Policy and Analysis Manager

TOTAL FUNDS BUDGET AND PROGRAM PERFORMANCE



While all Oregonians benefit from clean water, for the purposes of the graph above, *Units of Service* includes industrial and municipal wastewater and stormwater dischargers, onsite septic system owners and service providers, sewage treatment plant operators and owners, hydroelectric projects, owners of underground injection control systems, projects involving removing or placing material into state waters (i.e., dredge and fill), natural resource management agencies and watershed councils. The notable decline in units of service between 2005-07 and 2009-11 is due to a substantial reduction in onsite septic system applicants and licensees following the economic recession.

PROGRAM OVERVIEW

Oregonians place a high value on clean water to provide healthy habitats for fish, wildlife and people and to support a thriving economy. DEQ's Water Quality Program is responsible for ensuring this expectation can be met and accomplishes it through a comprehensive approach to water quality monitoring and assessment, pollution prevention and restoration.

PROGRAM FUNDING

The 2019-21 Governor's Recommended Budget for the Water Quality program totals \$73 million, with 231 full-time-equivalent employees. These resources will enable DEQ to continue progress towards outcomes described in the program justification section, and help ensure Oregonians continue to see improving water quality throughout the state.

PROGRAM DESCRIPTION

Oregonians treasure their natural environment. The beauty and utility of Oregon's waters ensures that people and wildlife enjoy clean and healthy water for a variety of uses. DEQ's Water Quality Program protects Oregonians' health and the environment by assessing environmental conditions through monitoring and scientific analysis, setting water quality standards to ensure that water is clean, determining pollution control strategies and creating clean water plans with local communities and regulating industrial and municipal sources of water pollution through permits, inspections and enforcement.

The Water Quality Program works closely with communities, tribal governments, farmers and industry to develop clean water plans to meet federal requirements. While many of the program's strategies are carried out locally, such as the clean water plans, other strategies are implemented throughout the state, such as the regulation of wastewater treatment plants, septic system permitting to protect groundwater and the regulation of industrial discharges to the state's waters.

PROGRAM JUSTIFICATION AND LINK TO LONG TERM OUTCOMES

DEQ's Water Quality Program links to the Responsible Environmental Stewardship, Thriving Statewide Economy and Excellence in State Government outcome areas by improving and protecting Oregon's water

WATER QUALITY

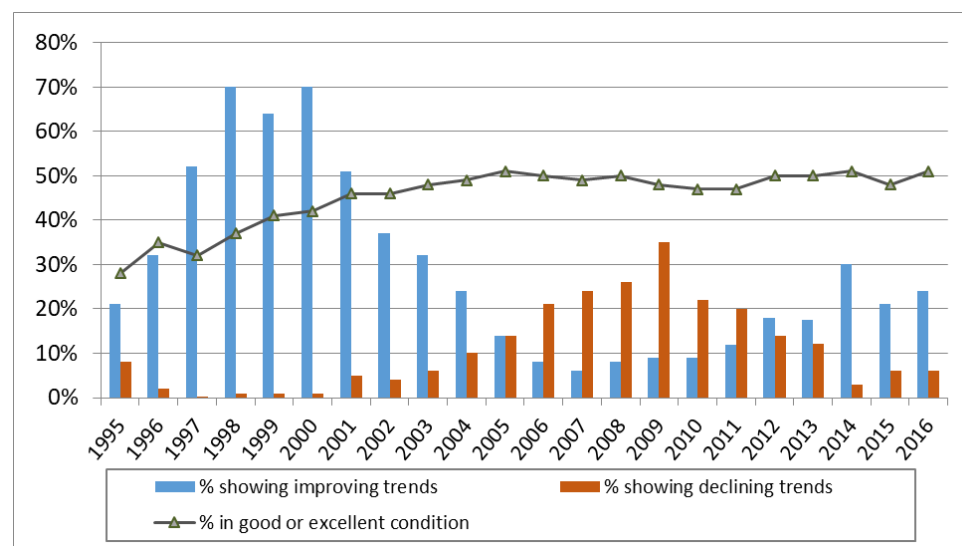
quality. The Water Quality Program accomplishes this by protecting surface water and groundwater resources, identifying river segments and riparian areas for protection, and working with local entities to restore water quality and habitat health.

Water quality has improved dramatically over the past 40 years, with significant improvements in the 1970s and 80s when DEQ began issuing industrial permits with discharge limits. The 1990s brought more improvements with DEQ's work in creating clean water plans leading to more stringent discharge limits and restoration efforts that have resulted in improved oxygen levels and reduced bacteria and nutrient levels in Oregon's waters. Despite these successes, some problems remain. Many water bodies do not meet standards for temperature or sediment, and there are extensive areas of nitrate and pesticide contamination throughout the state, which are problems chiefly related to non-point sources (those without discharge permits). Toxics are also a concern. Recent monitoring efforts are finding new toxic contaminants such as flame retardants and pharmaceuticals in both groundwater and surface water. These chemicals can be harmful to both people and wildlife.

DEQ plays an important leadership role in developing water quality plans to help create a seamless water quality protection plan for Oregon. DEQ also works closely with the Oregon Water Resources Department and other state agencies to achieve the goals and objectives of Oregon's Integrated Water Resources Strategy. DEQ is implementing an outcome-based management system to reduce costs and improve program efficiency and effectiveness, and works with industry and local communities to develop innovative and collaborative approaches to improving water quality that result in environmental benefits for less money, such as a water quality trading program.

PROGRAM PERFORMANCE

The chart below shows statewide water quality condition trends summarized across monitoring sites since 1980. Between 1980 and 2000, upgrades to wastewater treatment systems for municipal and industrial point sources produced significant statewide water quality improvements. The trend reversal in 2000 suggests that nonpoint pollution, such as runoff from urban and rural lands, is driving water quality trends downwards. However, this trend appears to be reversing in recent years.



Water quality in Oregon's rivers and streams depends on a number of factors including land use. Overall, Oregon's water quality continues to improve in many areas due to clean water plans, permitting requirements that reduce pollution from industry and wastewater treatment plants and programs to help local communities restore habitat and aging water treatment infrastructure. However, runoff from urban, farm and forest areas is challenging water quality in many areas, as is the detection of emerging contaminants, such as flame retardants and other chemicals that bio-accumulate in fish. Other program metrics include percent of individual and general wastewater permits that are current (2016: 86 percent; target: 80 percent), and water quality permit timeliness for individual permits only (2016: 16 percent; target: 50 percent).

ENABLING LEGISLATION/PROGRAM AUTHORIZATION

The U.S. Environmental Protection Agency authorizes DEQ to implement federal Clean Water Act programs such as setting standards, working with communities on local clean water management plans and regulating Oregon industry through permitting, inspection and compliance programs. State law establishes DEQ's groundwater protection authorities and authorizes DEQ to permit wastewater reuse and gray water systems. DEQ also administers financial assistance programs. The largest is the Clean Water State Revolving Fund, which

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provides low-interest loans to communities for wastewater treatment and other clean water projects.

PROGRAM FUNDING

DEQ's Water Quality Program receives revenue from general fund, lottery fund, federal and other sources, such as licenses, fees and revenue transfers from other state agencies. This includes program and competitive grants from the U.S. Environmental Protection Agency, some of which have state matching or maintenance-of-effort requirements.

The Water Quality Program budget in the 2019-21 Governor's Recommended Budget includes general fund (38 percent), lottery fund (7 percent), federal funds (16 percent) and other funds (39 percent).

SIGNIFICANT PROGRAM CHANGES FROM 2017-19 TO 2019-21 FUNDING

The Governor's Recommended Budget for the Water Quality Program for 2019-21 includes permanent position cuts due to revenue shortfalls and workload adjustments, including: nonpoint source pollution control coordination (1.0 FTE), Integrated Water Resources Strategy (1.0 FTE), information systems support funded by special federal grants (1.0 FTE) and Clean Water State Revolving Fund project management (1.0 FTE).

The GRB recommends General Fund and fee increases to support increasing positions for the water quality permitting program. The GRB does not recommend General Fund and fee increases to support the onsite septic system program that DEQ proposed.

The GRB also recommends General Fund to support:

- attaining improvements in water quality in the Klamath Basin; and
- developing an inventory of existing water infrastructure systems and future wastewater and stormwater infrastructure needs in Oregon.

The GRB recommends authority for a new position to ensure stable and efficient loan servicing and effective financial management of DEQ's Clean Water State Revolving Fund loan program. It also recommends approval of limitation for DEQ to work with Oregon State Chief Information Officer to hire a contract business analyst to assist with project planning for procurement of loan management software to manage the Revolving fund's large loan portfolio.

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PROGRAM NARRATIVE

A. OREGON'S WATER RESOURCES

I. OVERVIEW OF WATER QUALITY

DEQ's Water Quality Program protects Oregonians' health and the environment by assessing environmental conditions through monitoring and scientific analysis, setting quality standards to ensure that water is clean, determining pollution control strategies and creating clean water plans with local communities and regulating industrial and municipal sources of water pollution through permits, inspections and enforcement.

The Water Quality Program works closely with communities, tribal governments, farmers and industry to develop clean water plans to meet federal requirements. While many of the program's strategies are carried out locally, such as the clean water plans, other strategies are implemented throughout the state, such as the regulation of wastewater treatment plants, septic system permitting to protect groundwater and the regulation of industrial discharges to the state's waters.

This Program narrative provides a summary of core programmatic areas and policies currently in place to protect water quality, background information for decision makers and a summary of policy option packages proposed relating to water quality.

Limitation by fund type, positions and full-time equivalents

PROGRAM EXPENDITURES	2019-21 GRB
General Fund	27,814,971
Other Funds	28,402,305
Federal Funds	11,652,365
Lottery Fund	5,332,214
All Funds	73,191,855
Positions	245
FTE	231.25

Oregon ranks as the tenth largest state in the nation with 98,380 square miles. Oregon has more than 100,000 miles of rivers, about 12,000 lakes (including many pristine lakes in the High Cascade Mountain region), nine major estuaries and more than 480 miles of coastline.

Topic	Value
State surface area, square miles	98,380
Number of surface water bodies (1:24,000 scale)	77,189
Total miles of rivers and streams (1:24,000 scale)	
- Miles of perennial rivers/streams	77,374
- Miles of intermittent (non-perennial) streams	216,879
- Miles of ditches and canals	9,454
- Border miles of shared rivers/streams	541
Number of lakes/reservoirs/ponds* (1:24,000 scale)	11,989
Number of significant publicly owned lakes/reservoirs/ponds*	5,416
Acres of lakes/reservoirs/ponds (1:24,000 scale)	675,973
Acres of significant publicly owned lakes/reservoirs/ponds	589,913
Square miles of estuaries/harbors/bays	235
Miles of ocean coast	488
Acres of freshwater wetlands	1,408,442
Acres of tidal wetlands	72,945
Number of private groundwater wells installed for drinking water supply	238,031

Sources: Hydrography, USGS National Hydrography Dataset - High; Wetlands, USFWS National Wetlands Inventory (*- includes those lakes/reservoirs/ponds over 1 acre in size).

Groundwater is a less visible resource, but no less important. More than 95 percent of the available freshwater in the state resides underground in aquifers. As of 2005, groundwater uses accounted for 30 percent of all water used in Oregon. Seventy percent of all Oregonians and over 90 percent of rural residents rely on groundwater as their primary or secondary drinking water source. Groundwater also supplies the base flow for the state's rivers and streams.

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B. KEY LEGAL REQUIREMENTS

Oregon Revised Statutes Chapter 468B contains Oregon's clean water laws. These laws direct DEQ to implement the federal Clean Water Act as well as state policy. Federal requirements are primarily concerned with pollution of surface water, with a few exceptions. To regulate wastewater discharged onto land or underground, the state has adopted laws and rules covering land-applied wastewater, septic systems and groundwater protection. These state permits are called Water Pollution Control Facility permits.

C. WATER QUALITY STANDARDS

Establishing water quality standards for surface water is at the core of DEQ's water quality activities. The Water Quality program establishes standards to protect beneficial uses of water resources, such as drinking water, aquatic life, and recreation. The program uses many tools to meet the standards and protect those uses. Staff perform the following water quality standards activities:

- Conduct standards reviews and rule revisions to establish and update scientifically based water quality standards
- Develop policy and procedures documents to ensure effective and transparent implementation of standards

D. WATER QUALITY ASSESSMENT

DEQ is required to assess all Oregon waters biennially, including identifying water bodies that do not meet water quality standards. DEQ uses existing data from a variety of sources to assess water quality. Temperature is the most common impairment. Water temperature is a critical aspect of the freshwater habitat of Pacific Northwest salmonids, a number of which the Endangered Species Act lists as threatened or endangered.

E. TOTAL MAXIMUM DAILY LOADS AND WATER QUALITY MANAGEMENT PLANS

Once a waterbody is identified as not meeting clean water standards, (placed on the 303(d) list), federal law requires states to develop a management plan to meet standards. This plan is called a total maximum daily load (TMDL), also known as a clean water plan. TMDLs describe the maximum amount of pollutants from municipal, industrial, commercial and surface runoff sources, including natural background that can enter the river or stream without violating water quality standards. DEQ develops TMDLs on a basin or sub-basin scale.

Implementing a TMDL often means revising industrial and municipal wastewater permits to incorporate revised permit limits. On agricultural land, plans are developed by the Oregon Department of Agriculture's Senate Bill 1010 process. On state and private forestlands, the Department of Forestry has the lead in providing water quality protection through the Forest Practices Act. In urban areas, local governments take the lead in developing plans. The US Forest Service and the Bureau of Land Management develop water quality plans for lands under their jurisdiction.

Under most circumstances, TMDL implementation plans rely on landowners and land managers within a river basin. Local watershed councils, soil and water conservation districts, and other organizations carry out actions to meet the objectives of implementation plans.

F. WASTEWATER CONTROL

1. Wastewater permitting

DEQ's wastewater program regulates pollution on Oregon's waters from point sources. The term "point source" generally refers to wastewater discharged into water or onto land through a pipe or a discernible channel. These point sources operate under the terms of a federal National Pollutant Discharge Elimination System or state Water Pollution Control Facilities wastewater discharge permit issued by DEQ.

DEQ has had authority for NPDES permit issuance since 1974. As an authorized program, DEQ's NPDES permitting activities are subject to

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EPA oversight. To effectively protect water quality, DEQ must carry out four activities:

- Issue discharge permits that limit pollution to prevent harm to receiving waters and the beneficial uses of those waters (such as drinking, swimming, fishing and aquatic habitat)
- Inspect facilities and review discharge monitoring results
- Take prompt and appropriate enforcement actions when violations occur
- Provide essential technical assistance for facility owners and operators to help assure ongoing compliance

DEQ currently manages more than 5,000 water quality permits. The challenges of implementing the wastewater permitting program have increased over the years, with the growing number and types of permit and their increasing complexity. Achievement of program objectives requires effective development and implementation of water quality standards, water quality assessments, and TMDLs. Targeted program implementation is based on source-specific and watershed-specific priorities.

2. Pretreatment program

DEQ requires communities with a large industrial base or those that serve certain types of industries to develop and implement a management plan for controlling wastewater discharged from industries into publicly owned treatment works. The purpose is to prevent discharging of toxic wastes or wastes that could upset, inhibit, pass through without treatment or otherwise adversely affect the wastewater treatment system.

3. Biosolids program

The Biosolids program regulates wastewater solids and domestic septage that have undergone sufficient treatment to allow its beneficial use as a soil amendment or fertilizer through land application. Biosolids and domestic septage are regulated through NPDES or WPCF water quality permits issued by DEQ. DEQ also reviews and approves biosolids management plans and issues site authorization letters. Additionally, DEQ works with domestic wastewater treatment facilities to assure biosolids are adequately stabilized and land application operations and management meet federal and state regulations. DEQ requires

wastewater treatment facilities to monitor and report on biosolids activities.

4. Underground injection control

The Underground Injection Control program protects drinking water sources and aquifers by providing oversight on the use of systems (such as dry wells, sumps and large onsite sewage systems) that discharge to the subsurface and may endanger groundwater quality. Federal regulation requires DEQ to keep an updated inventory of all injection wells and report them to the EPA. In Oregon, the majority of systems are associated with storm water discharge. Owners or operators of systems need to obtain a state permit or written DEQ approval to operate qualifying systems that are rule authorized, and need written DEQ approval to properly close down an existing system.

5. 401 certification

Section 401 of the federal Clean Water Act requires any federally licensed or permitted activity that may result in a discharge to waters of the United States to receive a water quality certification from the state where the activity will occur to ensure the activity meets water quality standards. In Oregon, DEQ reviews proposed projects under this requirement. Nearly all such federal licenses or permits either come from the U.S. Army Corps of Engineers for dredge and fill activities or from the Federal Energy Regulatory Commission for hydroelectric or other proposed energy projects.

6. Operator certification

In 1987, the Oregon legislature adopted a law requiring that domestic sewage facilities operate under the supervision of a certified wastewater operator. DEQ determines requirements for certification, prepares and conducts exams and issues certificates.

7. Onsite septic systems

More than 30 percent of Oregonians dispose of their wastewater through onsite septic systems, primarily residential systems. DEQ regulates the siting, design, installation and ongoing operation and maintenance of onsite septic systems. Without careful maintenance, septic systems can fail prematurely and result in a public health hazard caused by polluted streams and groundwater. As of July 2018, DEQ directly manages the onsite program in 10 counties, referred to as “direct service” counties.

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Twenty-six counties manage the program under contract with DEQ, referred to as “contract counties.”

DEQ’s responsibilities include:

- Processing septic system applications in the counties where DEQ provides direct service.
- Providing technical assistance and oversight to local governments that contract with DEQ to conduct the onsite program within their jurisdictions.
- Providing technical assistance, education and outreach to the public, other government agencies, manufacturers, licensed installers and pumper, maintenance providers and other organizations.
- Implementing and overseeing the licensing program for onsite system installers and septic tank pumpers.
- Responding to complaints, such as failing onsite systems and illegal installations of septic systems. Some complaints lead to formal enforcement and others are resolved with cooperation from the violator.
- Working with Chemeketa Community College, the Oregon Onsite Wastewater Association and other stakeholders to provide continuing education opportunities for installer and maintenance provider certifications.
- Participating in stakeholder conferences and meetings to provide education and outreach.
- Reviewing new products for use in septic systems in Oregon.

8. Compliance and enforcement

DEQ periodically inspects permitted sources and responds to complaints. When a permit violation occurs, DEQ may initiate enforcement action. In addition, as part of the its delegated responsibility to implement the federal NPDES program in Oregon, DEQ is required to provide EPA with regular reports on compliance activities.

9. Water reuse

Water reuse is the recycling of treated wastewater derived from domestic and industrial sources for beneficial purposes. The reuse of water for purposes such as irrigation as well as commercial and residential applications can be an environmentally sound way to manage wastewater, while conserving potable, surface water and groundwater supplies in Oregon. State regulations require a water quality permit for

this option and allow the use of treated effluent for beneficial purposes. DEQ works with the Oregon Health Authority and Water Resources Department on the permitting of this practice. DEQ staff also work with municipal and industrial facilities to ensure proper operation and management of wastewater treatment facilities that pursue water reuse. Facility permits require management plans for water reuse.

G. FINANCIAL AND TECHNICAL ASSISTANCE

1. Clean Water State Revolving Fund Loan program

DEQ administers the Clean Water State Revolving Fund loan program that is capitalized primarily through federal appropriations. The CWSRF program assists local governments with solving water quality problems and applying for financial assistance. DEQ issued its first CWSRF loan in 1990, and since then has loaned more than \$1.26 billion to 192 Oregon communities, counties, irrigation districts and other public agencies and districts.

For 2019, DEQ will have approximately \$199 million available to loan for eligible projects. DEQ is setting aside about \$67 million of the total amount available in the fund to assist communities with a population of 10,000 or less. In addition, DEQ sets aside a portion of their federal grant for green projects; this amount is currently about \$1.8 million. To date, 89 percent of funded projects address point source improvements (such as wastewater treatment and collection systems) and 11 percent address nonpoint source projects (such as irrigation improvements and stream bank restoration).

2. Nonpoint source pollution control

Section 319 of the federal Clean Water Act requires states to have nonpoint source management programs based on assessments of the amounts and origins of nonpoint source pollution in the state. Nonpoint source pollution comes from numerous diffuse sources such as runoff from roads, farms and construction sites. This type of pollution is thought to be the largest source of water quality impairment in Oregon and for the country. Federal grants cover the majority of cost for Oregon’s nonpoint source program, which protects and restores both surface water and groundwater. DEQ provides grant money to local organizations for

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nonpoint source projects such as public education and watershed restoration. DEQ also uses a portion of these funds to perform the following activities:

- Characterizing nonpoint source problems/concerns
- Monitoring water quality
- Supporting development of best management practices
- Coordinating with other agencies (e.g., ODA and ODF) and stakeholders
- Helping to design and fund water pollution improvement projects
- Educating the public about nonpoint source pollution and how to prevent it

Federal grant funding for the program is contingent upon having a federally-approved non-point pollution control program. A lawsuit challenging federal funding of Oregon's conditionally approved nonpoint source program resulted in a reduction in the amount of Oregon's federal grant for this program beginning in 2015. This reduction is expected to remain in place until Oregon's program is fully approved.

H. GROUNDWATER PROGRAM

More than 90 percent of Oregon's available fresh water is groundwater. Groundwater is an integral part of every watershed, providing base flow for Oregon's rivers as well as providing domestic, irrigation, and industrial water for Oregonians. Seventy percent of Oregon's people depend on groundwater for their daily water needs via private, public and industrial wells. Groundwater can travel very slowly, and once contaminated, can be very difficult and expensive to clean up. As a result, contaminated groundwater may persist for tens, hundreds, or even thousands of years and may affect groundwater uses far from the origin of the contamination. This contamination affects not only the immediate uses of groundwater, such as drinking water supplies, but may also have pronounced effects on surface water quality.

Oregon's Groundwater Quality Protection Act of 1989 and the federal Safe Drinking Water Act establish elements for protecting Oregon's groundwater. These elements include:

- Implementation of groundwater management areas where the water quality has been degraded
- Statewide groundwater assessment
- Technical assistance to communities and watershed councils engaged in groundwater pollution prevention efforts

DEQ has primary responsibility for implementing groundwater protection in Oregon. DEQ uses a combination of programs to help prevent groundwater contamination from point and non-point sources of pollution, clean up pollution sources, and monitor and assess groundwater and drinking water quality. DEQ implements some programs through partnerships with the Oregon Health Authority, Oregon Water Resources Department, Oregon Department of Agriculture, Oregon State University and other state, local, and private organizations, businesses and individuals.

Oregon currently has three groundwater management areas: the Lower Umatilla Basin, Northern Malheur County and the Southern Willamette Valley. DEQ staff work with local stakeholders to develop and implement action plans, conduct regular groundwater monitoring and evaluation of groundwater quality trends in these areas and evaluate the effectiveness of the action plans. Staff also conduct education and outreach activities to increase awareness of groundwater issues within the three groundwater management areas.

I. SAFE DRINKING WATER ACT

The 1996 amendments to the federal Safe Drinking Water Act included funding for public drinking water supply system improvements to meet human health standards, identify public drinking water supply source areas, and inventory potential contamination sources to reduce the risk of pollution to and loss of public water systems. DEQ receives federal funds through the Oregon Health Authority to conduct source water assessments, and provides technical services associated with protecting the source areas.

The assessment reports identify potential sources of contamination and provide the basis for communities to develop plans for protection of their drinking water sources. The location of groundwater recharge areas and locations of the surface water intakes of all systems using lakes, rivers and

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reservoirs is available on a digital map so that this information can be easily incorporated into land use planning, designation of special areas and other program priorities at the local, county or state level. DEQ also uses the information in a variety of ways, including spill response, household hazardous waste collection, hazardous waste cleanup, underground storage tank cleanup, and pollution prevention technical assistance for preventing contamination of public water supplies.

J. WATER QUALITY MONITORING

DEQ's Laboratory and Environmental Assessment Division collects and analyzes water samples to support DEQ's water quality program. DEQ augments its water quality data by using monitoring data from a wide variety of sources, including watershed councils and federal agencies. DEQ reviews all data to ensure that proper quality control protocols were used.

Water quality monitoring data provides the foundation for water quality management by providing information on the status and trends of water quality in Oregon. Monitoring is conducted to determine if water quality supports beneficial uses and if water quality standards are met. Streams that do not meet water quality standards are placed on the 303(d) list and will have TMDLs developed for them. In order to develop TMDLs, studies must be conducted to determine the sources and quantities of pollutants affecting the water body and how those vary over time.

DEQ's water quality monitoring activities include:

- Regularly scheduled monitoring at a network of 131 locations throughout the state
- Monitoring for pesticides and emerging contaminants at public water supply source areas
- Monitoring at Groundwater Management Areas
- Monitoring harmful algae blooms in rivers, streams and lakes when requested to do so by the Oregon Health Authority
- Partnering with Oregon Health Authority to implement the Beach Bacteria Monitoring Program
- Providing training to watershed councils in monitoring techniques for stream assessments
- Implementing the toxics monitoring program
- Implementing a groundwater monitoring program

- Supporting the Pesticide Stewardship Partnership program by working with local stakeholders to collect stream samples from watersheds during pesticide application periods and analyzing the samples. Information is used to guide voluntary changes and local development of best management practices.
- Providing quality assurance sampling at approximately 30 landfills in Oregon
- Supporting studies to determine the relationship between water quality, habitat conditions and biological condition
- A variety of special studies, such as:
 - Collecting monitoring data in support of TMDL program needs in basins around the state
 - Compliance monitoring studies to determine compliance with permit conditions
 - Studies to measure the effectiveness of water quality protection programs and measures

K. INTERAGENCY COORDINATION

The water quality program coordinates with other state agencies and organizations for several reasons:

Pooling resources to achieve shared objectives. For example, the Pesticide Stewardship Partnership engages DEQ, Oregon Department of Agriculture, Extension Service, Soil and Water Conservation Districts, tribal and local governments, grower groups and watershed councils to use watershed monitoring data to inform and focus the implementation of pesticide best management practices to prevent water quality impacts. Similarly, this same group of entities is often involved in watershed restoration activities, where they pool their expertise and resources (human and financial) to design and implement restoration projects.

Partnering with another agency to implement a program. Under the Beach Monitoring Program, DEQ monitors coastal waters to protect beach-goers from exposure to harmful bacteria, and the Oregon Health Authority issues beach advisories if bacteria levels exceed safe levels. The Drinking Water Protection Program is another example where DEQ and OHA combine resources to provide communities with information they can use to prevent contamination of their drinking water sources.

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Taking advantage of another agency's field presence and expertise to implement programs more efficiently. This occurs in a number of ways in the wastewater and stormwater permitting programs. For example, the Department of Geology and Mineral Industries implements DEQ's stormwater permits at gravel mining sites, ODA implements DEQ's Confined Animal Feeding Operations permit at feedlots and various cities administer DEQ's industrial stormwater permit within their jurisdiction. Similarly, there are instances where DEQ's field crews may collect samples for another agency, or vice versa, to reduce travel and field staff expenses.

II. WATER QUALITY PROGRAM OPTION PACKAGES

#120 MINIMIZE IMPACTS FROM URBAN AND HIGHWAY STORMWATER

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package would authorize two General Fund positions to match fee-funded positions authorized in DEQ's 2017-19 LAB and make permanent a limited duration position also authorized in 2017-19. These positions are critical to implement federal requirements for urban and transportation-related stormwater control.

#121 ENSURE PROTECTIVE ONSITE SEPTIC SYSTEMS

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package proposes to increase fees in two different program areas to ensure that onsite septic systems are properly functioning, and that water pollution and public health risks are prevented. Adoption of this package would allow DEQ to implement an inspection plan for inspecting all currently permitted facilities within five years of hiring the new positions. The additional staff will also enable DEQ to significantly reduce response time for new applications and permit modifications, and provide timely follow-up on problems that could affect permit compliance.

#122 SETTING AND IMPLEMENTING WATER QUALITY STANDARDS

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package will provide capacity for timely development and implementation of water quality standards, including variances and other strategies for implementing standards in permits, water quality assessments and TMDLs. This package will phase-in three full time positions to expedite work on high priority projects and support timely permit issuance. One of these positions replaces a position eliminated in DEQ's 2017-19 LAB due to a Federal Fund revenue shortfall.

#123 HARMFUL ALGAE BLOOM (HAB) RESPONSE AND ASSESSMENT

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package provides funding for sample collection and analysis in response to harmful algae bloom (HAB) concerns. It also provides resources for identifying the factors contributing to the development of HABs and supporting local efforts to avoid or minimize the frequency and severity of HABs. This package will create a small team to monitor and analyze HAB samples and work with external partners to plan and implement activities that will reduce the occurrence and severity of HABs in the future. It establishes five new positions (3.76 FTE). It also includes an ongoing capital outlay of \$30,000 for laboratory supplies necessary for conducting toxin analyses.

#124 INTEGRATED WATER RESOURCES STRATEGY

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package allows DEQ to maintain a position that supports implementation of the Integrated Water Resources Strategy. This position is unaffordable and will be eliminated unless authorized through this package. If approved, this package would allow DEQ to continue providing its current level of water quality technical assistance for water storage and supply projects and place-based planning efforts.

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#125 EFFECTIVELY MANAGING THE CWSRF LOAN PORTFOLIO

This package would establish a new Loan Analyst position to ensure stable and efficient loan servicing and effective financial management of DEQ's Clean Water State Revolving Fund loan program. With an additional position, DEQ will be able to invest more time in process and service improvements and optimizing financial management in the loan fund. DEQ will also be better positioned to continue to provide efficient servicing for CWSRF loans in perpetuity.

#126 KLAMATH BASIN WATER QUALITY IMPROVEMENTS

This package includes three positions to support a multi-agency effort to improve water quality and aquatic habitat in the Klamath Basin. Improving water quality is critical to the restoration of native fish species, including salmonids and two species of resident suckers that will return to the basin after dam removals in 2021. This package will support data collection and analysis; identifying restoration priorities; designing water quality improvement projects and monitoring plans; evaluating project effectiveness; and stakeholder outreach and engagement to solicit involvement in the project and share information on water quality status, trends and outcomes.

#127 WATER QUALITY PERMIT PROGRAM IMPROVEMENTS

This package will improve DEQ's regulation of wastewater and stormwater discharges, including improved permit timeliness and quality. Approval of this policy package will provide the resources to ensure timely issuance of quality permits, compliance with permit conditions, compliance with federal e-reporting requirements, improved availability of permit and program information to the public, and improved opportunities for stakeholder engagement.

#128 IMPROVING WATER QUALITY OUTCOMES

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package will build capacity to produce information used for prioritizing and guiding watershed restoration efforts by restoring a position that evaluates TMDL implementation efforts related to nonpoint source pollution, and establishing a new manager position to provide leadership for this growing program area. These resources will enhance DEQ's ability to evaluate landscape and riparian conditions, and to produce information for agencies, land managers and the public to guide water quality improvement efforts.

#129 DEVELOPING AND IMPLEMENTING CLEAN WATER PLANS

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package will improve DEQ's capacity to develop and issue clean water plans by phasing-in three new positions focused on increasing the rate of TMDL issuance. The package would also phase-in two new laboratory positions to establish monitoring stations that provide real-time water quality data to the public and decision-makers.

#160 ONSITE SEPTIC SYSTEM LOAN PROGRAM

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package provides an additional \$2 million in funding for an established loan program established by the Legislature in 2016. The program is designed to provide low interest loans for repairing and replacing onsite septic systems, particularly for lower-income households.

#161 IDENTIFY AND MEET WATER INFRASTRUCTURE NEEDS

Along with a companion package submitted by the Oregon Water Resources Department, this package will fund a comprehensive inventory of existing clean water infrastructure systems in Oregon,

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including wastewater, stormwater and drinking water systems (both built and natural). It also will fund initial work to develop a collaborative, long-term plan for identifying and prioritizing necessary investments and policy changes.

technology as work demands change. In addition, the package funds the costs of ongoing maintenance agreements through an increase in service and supplies.

#162 TECHNICAL ASSISTANCE FOR SMALL COMMUNITIES

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package will provide funding for technical assistance to small communities who need help with operating wastewater treatment facilities and complying with permit requirements.

#163 CWSRF LOAN MANAGEMENT SOFTWARE

Note: The Governor's Recommended Budget modifies the proposal submitted in DEQ's Agency Request Budget, reducing the budget to \$500,000 so the department can work with OSCIO to hire a contract Business Analyst. The GRB also does not recommend approval of the revenue transfer from the non-limited budget. After completion of the software requirements analysis phase, DEQ will re-evaluate need to request additional limitation and a revenue transfer to complete procurement of loan software package to meet program needs.

This package seeks authority for a revenue transfer from the non-limited budget (where DEQ has banked set-aside authority from the annual state revolving loan fund capitalization grants) for the procurement of off-the-shelf loan management software to replace DEQ's manual and outdated systems. The new system will be more secure and will increase efficiency, improve customer service and reduce risk for material errors.

#164 LABORATORY EQUIPMENT AND ASSET MANAGEMENT PLAN

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

This package increases the base amount of funds the DEQ laboratory receives to address ongoing needs to maintain and replace aging equipment. This increase allows the laboratory to replace equipment on a schedule optimized for full use of the equipment while advancing

WATER QUALITY DIVISION

LOTTERY, OTHER FUND, AND FEDERAL FUND REVENUE NARRATIVE

HYDROELECTRIC CERTIFICATION FEES

Two fees fund DEQ’s hydroelectric certification activities: annual fees (ORS 543, ORS 543A, and ORS 536) and application fees (ORS 543A and ORS 468.065(3)). The annual fee is an ongoing charge for the use of public waters. Hydroelectric project operators pay this fee to the Oregon Water Resources Department based on the theoretical horsepower a project can produce. Part of this fee is passed through to DEQ, which uses it primarily to pay for agency program policy development and ongoing programmatic expenses. Applicants for licensing or re-licensing of hydroelectric facilities pay application fees for individual projects regulated under the Federal Energy Regulatory Commission or for renewing expiring individual water rights. These fees are triggered at 30 to 50 year intervals for FERC licenses and 10 to 30 year intervals for projects that have only a water right. Once DEQ issues a certification, project operators pay DEQ an annual fee to oversee implementation of the certification conditions.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$530,074	\$943,171	\$115,991	\$573,581	\$783,673
7/1/19 - 6/30/21	\$225,877	\$970,954	\$138,358	\$231,225	\$827,248

WATER QUALITY DIVISION

DRINKING WATER PROTECTION

The 1996 amendments to the federal Safe Drinking Water Act included funding for public drinking water supply system improvements to meet existing and future human health standards. Funding was included to enable public drinking water supply source areas to be identified and possible contamination sources inventoried in order to develop strategies to reduce the risk of pollution and/or loss of public water systems. DEQ will assist communities with protecting their public drinking water supplies through the use of the site-specific information derived from the assessment process, the development of outreach programs and tools, the integration of drinking water protection with other agencies and other DEQ programs (such as emergency response and cleanup of hazardous waste sites), and working with county and community officials to integrate drinking water protection strategies into local planning and decisions. This work is done in partnership with the Oregon Health Authority. This revenue is transferred to DEQ from Oregon Health Authority.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$1,489,964	\$217,896	\$40,620	\$1,231,448
7/1/19 - 6/30/21	\$0	\$1,629,749	\$257,416	\$103,379	\$1,268,954

WASTEWATER DISCHARGE PERMIT FEES

DEQ is authorized by ORS 468.065 to collect fees to pay for the cost of the Water Quality Permit program, which covers industrial, domestic and stormwater wastewater discharges. These fees fund over half of the cost of the Water Quality Permit program. State General Funds and federal funds cover the remaining costs. ORS 468B.051 authorizes the Environmental Quality Commission to increase fees up to three percent not more than once each calendar year to cover the anticipated increase in the cost of administering the permit program.

DEQ collects permit processing fees for new permit applications and permit modifications, and annual fees from industrial, commercial and municipal facilities covered by National Pollutant Discharge Elimination System and Water Pollution Control Facilities permits. The fee schedule may be found in OAR 340-045-075 and OAR 340-071-0140(4).

A Blue Ribbon Committee on wastewater permitting provided recommendations to the EQC and Oregon Legislature on permit fees in 2005, including authorizing an annual up-to-three percent fee increase and maintaining a funding ratio of 60% permit fees and 40% public funding. Over time, however, the three percent increase in fees generally fails to match increases in program costs. As a result, in 2015 the Legislature authorized a 12-percent fee increase and additional General Fund to maintain existing staffing level and restore the 60/40 funding balance. That fee increase took effect in January 2016, and supplanted the legislatively authorized up-to-three percent fee increases for 2015 and 2016. The EQC adopted a 3% fee increase effective November 2017. In September 2018, DEQ proposed and the EQC adopted an annual three percent fee increase coupled with a four percent across-the-board fee increase to support 2017-19 policy package 125. The EQC also adopted a revised fee structure for municipal stormwater permits to increase revenue to support 2017-19 policy package 120.

The revenue estimate for the 2019-21 current service level includes estimated revenue from the statutorily authorized annual three percent fee increases with assumed effective dates of November 1, 2019 and between July 1 and November 1, 2020.

In the 2019-21 Agency Request Budget, DEQ proposed increasing wastewater permitting fees in three policy packages to phase-in new positions to support wastewater permitting program improvements. These fee increases would be in addition to the annual wastewater permit fee increases authorized by ORS 468B.051. The size of the fee increase for any individual fee-payer will be influenced by several variables such as the elements of the policy packages authorized by the legislature, the implementation dates of the fee increases, and how the revised fee table is structured. The three packages include:

- Policy package 121 would phase-in three new WPCF-Onsite permitting specialists. These positions perform permitting and compliance responsibilities associated with the more than 700 large onsite systems throughout the state. *(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)*
- Package 122 would phase-in two new positions to increase capacity to support timely development and implementation of water quality standards, including developing variances and other strategies and procedures for implementing standards in permits, water quality assessment and TMDLs. *(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)*
- Policy package 127 would phase-in multiple positions to improve DEQ's regulation of wastewater and stormwater discharges. These positions address across-the-board resource needs in the water quality permitting program that are essential to ensuring timely issuance of quality permits,

WATER QUALITY DIVISION

verifying compliance with permit conditions, complying with federal e-reporting requirements, improving availability of permit and program information to the public, and improving opportunities for stakeholder engagement.

If all elements of the three packages had been approved, DEQ estimated a need for approximately \$3.3 million in new fee revenue in 2019-21. DEQ's annual permit fee revenue baseline is approximately \$7 million. If a fee increase was implemented on July 1, 2020, a fee revenue increase of approximately 47% would generate the \$3.3 million in new fee revenue in the 2019-21 biennium. If only package 127 is approved, as recommended in the Governor's Recommended Budget, DEQ estimates a need for approximately \$2.4 million in new fee revenue in 2019-21. A fee revenue increase of approximately 35% implemented on July 1, 2020 would generate the \$2.4 million in new fee revenue. This fee increase would be in addition to the legislatively authorized increase for wastewater permitting fees of up to three percent per calendar year, and could be higher if the effective date is delayed.

Revenue to support package 127 was included in the Agency Request Budget, but omitted from the Governor's Recommended Budget. If the legislature approves package 127, revenue will need to be added to the Legislatively Adopted Budget to support the package.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$1,564,035	\$13,168,959	\$1,750,938	\$2,153,765	\$10,828,291
7/1/19 - 6/30/21	\$1,853,046	\$13,822,831	\$2,255,635	(\$541,044)	\$13,961,286

WATER QUALITY DIVISION

401 CERTIFICATION – DREDGE AND FILL FEES

Activities that are subject to federal permits or licenses and which may cause a discharge to waters of the state must obtain certification from DEQ under Section 401 of the Clean Water Act that the activity will be in compliance with state water quality requirements. When reviewing projects pursuant to issuance of a 401 certification, DEQ evaluates dredge and/or fill proposals to ensure compliance with state water quality standards, programs or other requirements. Fees may be collected to conduct this evaluation and provide the necessary certification. ORS 468B.047 authorizes the Environmental Quality Commission to establish a schedule of fees required for state certification by rule (OAR 340-048-0055).

The Environmental Quality Commission adopted a revised fee schedule for DEQ's removal-fill 401 certification program in October 2012 that took effect on July 31, 2013. The fee schedule assesses 401 certification fees according to project complexity and the amount of staff time needed to process a certification.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$110,000	\$1,170,390	\$143,912	\$240,969	\$895,509
7/1/19 - 6/30/21	\$250,000	\$1,318,190	\$191,027	\$345,822	\$1,031,341

WATER QUALITY DIVISION

OREGON ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

Chapter 1063, 1999 Session Laws established the Oregon Environmental Laboratory Accreditation Program (ORELAP), and the Oregon Administrative Rules 333-64-005 through 0065 regulating this program were adopted in October 1999. According to these regulations, ORELAP is accrediting environmental testing laboratories through the joint efforts of the Oregon Health Authority, Oregon Department of Environmental Quality and the Oregon Department of Agriculture, with OHA's Public Health Laboratory (PHL) serving as home for ORELAP's administrative office. All drinking water laboratories must be accredited. The EPA Drinking Water program has chosen to accept ORELAP accreditation. Oregon moved all drinking water labs under ORELAP and, in 2004, eliminated the separate drinking water certification program. EPA continues to provide drinking water grant money (through PHL) to help defray the cost of ORELAP. An interagency agreement provides the working agreement and funding arrangement to implement rules for accrediting laboratories that analyze drinking water samples from public water systems pursuant to OAR 333-061-0035. This agreement establishes a not to exceed amount for the transfer of federal as other funds and fee revenue to DEQ. Accreditation is voluntary for other environmental testing laboratories, including those that analyze wastewater, solid and hazardous waste, and air samples. An interagency agreement between OHA and DEQ determines how accreditation fees are allocated. Because this is a voluntary program, accurate revenue projections are difficult to estimate.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$86,578	\$165,000	\$16,921	\$115,102	\$119,555
7/1/19 - 6/30/21	\$74,745	\$165,000	\$17,968	\$116,704	\$105,073

WATER QUALITY DIVISION

MISCELLANEOUS OTHER FUNDS

ORS 468.073 allows DEQ to enter into agreements with any applicant, permittee or regulated party to enable the agency to expedite or enhance a regulatory process. The agreements must provide for payment to DEQ for cost of services voluntarily requested. Receipts authority may be used to enhance or expedite virtually any environmental activities which DEQ is now authorized to carry out, but excludes activities normally provided in the ordinary course of business. Examples of environmental services which may be eligible for receipts authority include: development of a Total Maximum Daily Load (TMDL) for a water body out of the priority order established by DEQ; studies to determine if pollution trading is feasible; development of temperature management plans; studies to determine actions which may qualify as supplemental environmental projects on request from a source (supplemental environment projects are performed in lieu of part of a civil penalty); and studies of groundwater impacts prior to submission of a wastewater discharge permit application.

ORS 468.035 allows DEQ to conduct and prepare - independently or in cooperation with others- studies, investigations, research and programs pertaining to the quality and purity of the air or the waters of the state and to the treatment and disposal of wastes. It also directs DEQ to serve as the agency of the state for receipt of moneys from the federal government or other public or private agencies for the purposes of air and water pollution control, studies or research. The Water Quality Program collaborates with other state agencies, local and tribal governments, and private agencies. Examples have included: cooperation with Oregon Health Authority to monitor coastal beaches for bacteria contamination; collaboration with Oregon Department of Agriculture and other state, local and tribal agencies to monitor and reduce pollution from pesticides, and to collect and safely dispose of legacy and surplus pesticides; interagency agreement with Oregon Department of Transportation to provide regulatory oversight and compliance assistance to ODOT programs and projects; working with other federal and state agencies and private organizations to develop water quality trading policies and protocols; and monitoring and analysis of water samples from other state, local and private agencies for water pollution, including persistent pollutants and blue-green algae.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$442,043	\$3,278,494	\$467,022	\$454,144	\$2,799,371
7/1/19 - 6/30/21	\$127,539	\$2,849,731	\$450,849	\$150,826	\$2,375,595

WATER QUALITY DIVISION

CLEAN WATER STATE REVOLVING FUND ADMINISTRATION

An annual loan fee, equal to one-half of one percent of the unpaid balance of a loan, pays for administrative costs of operating the Clean Water State Revolving Fund program, including reviewing application materials, disbursing funds, managing construction, completing the performance certification process and managing the portfolio of loans during the repayment period. The fee is established in OAR 340-054-0065. The revenue estimate for 2019-21 is based upon the portfolio of loans that existed in 2017-19.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$2,283,626	\$3,822,499	\$628,804	\$1,779,339	\$3,697,982
7/1/19 - 6/30/21	\$2,197,403	\$4,972,778	\$786,483	\$1,819,125	\$4,564,573

WATER QUALITY DIVISION

SEWAGE WORKS OPERATOR CERTIFICATION FEES

ORS 448.410 authorizes collection of Sewage Treatment Works (wastewater system) Operator Certification fees. The statute requires the Environmental Quality Commission to adopt rules for operator certification and to establish fees. DEQ uses the fees to evaluate applicants' qualifications, identify skills and knowledge needed to operate wastewater systems, develop and administer examinations, issue and renew certificates, classify wastewater systems, maintain rosters of classified systems and certified persons, and track compliance with certification requirements. Fees come from two sources: certified operators and their employers. The complete fee schedules can be found in OAR 340-049-0065. The Environmental Quality Commission adopted a revised fee schedule for the sewage works operator certification program in December 2012. Prior to that, DEQ had not increased fees since 2002.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$241,601	\$656,841	\$79,887	\$299,571	\$518,984
7/1/19 - 6/30/21	\$374,077	\$676,000	\$102,675	\$369,544	\$577,858

WATER QUALITY DIVISION

ONSITE SEPTIC SYSTEM FEES

Fees are assessed on a variety of activities in support of the Onsite Septic System program. These activities include:

- Licensing of wastewater treatment system installers and pumpers (ORS 454.695 and 454.745)
- Site evaluations and permits as required for the construction of onsite septic systems (ORS 454.655 and 454.745)
- Authorization Notices required for re-connection, increased flow, or change in use of an existing onsite septic system (ORS 454.625 and 468.020)
- Review and consideration of variance applications (ORS 454.657 and 454.660)
- Fees for certain reports (ORS 454.755)
- Review and approve products used in septic systems, such as septic tanks and alternative treatment technologies (ORS 454.615 and 454.745)

With the exception of the licensing fees and product review/approval fees, all fees are paid by owners of onsite systems. The complete fee schedule may be found in Tables 9A-F as referenced in OAR 340-071-0140. The Environmental Quality Commission adopted revisions to the Onsite program fee schedule in December 2013.

Policy package 121 proposes to increase onsite fees to cover increased cost of administering the program and to phase-in one new position to address unmanageable workload, including but not limited to performing timely pre-cover inspections, overseeing compliance for advanced treatment systems and responding to complaints. DEQ estimates a fee increase of approximately 16% around July 1, 2020 would generate the revenue sought to fund the package, but could be higher if the effective date is delayed. *(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)*

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$562,128	\$3,506,423	\$500,576	\$437,650	\$3,130,325
7/1/19 - 6/30/21	\$636,246	\$3,863,456	\$625,681	\$467,099	\$3,406,922

WATER QUALITY DIVISION

UNDERGROUND INJECTION CONTROL FEES

ORS 468B.195 establishes statutory authority for DEQ to charge fees for administering the underground injection control program of the federal Safe Drinking Water Act, 42 U.S.C. 300h et seq., and federal regulations or guidelines issued pursuant to the Safe Drinking Water Act. Fees are established in ORS 468B.196 until the Environmental Quality Commission adopts fees by rule under ORS 468B.195.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$75,075	\$315,000	\$40,405	\$94,472	\$255,198
7/1/19 - 6/30/21	\$75,591	\$340,000	\$51,440	\$80,696	\$283,455

WATER QUALITY DIVISION

LOTTERY FUND

Lottery Fund supports portions of the Total Maximum Daily Load development and implementation, water quality monitoring, watershed-based toxics monitoring, and water quality permitting programs.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$20,644	\$4,610,577	\$624,555	\$20,644	\$3,986,022
7/1/19 - 6/30/21	\$0	\$5,322,214	\$756,701	\$0	\$4,565,513

WATER QUALITY DIVISION

SUCTION DREDGE MINING STUDY SURCHARGE FEE (SENATE BILL 838)

For the period October 1, 2013 to December 31, 2015, Senate Bill 838 (Chapter 783, 2013 Laws) imposed a \$150 surcharge to permits issued under ORS 468B.050 for a person to operate a suction dredge. The surcharge revenue paid for data collection and reporting on suction dredge mining activity in Oregon.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$0	(\$1)	(\$18,828)	\$18,829
7/1/19 - 6/30/21	\$0	\$0	\$0	\$0	\$0

WATER QUALITY DIVISION

FEDERAL NONPOINT SOURCE IMPLEMENTATION FUNDING (SECTION 319 GRANT)

Under Section 319 of the Clean Water Act, EPA provides grants to states to implement nonpoint source programs. These federal grants require a 40 percent state match (of cash or in kind services). Grants are used for high priority TMDL development and implementation activities, technical assistance and public outreach and education on watershed protection and improvement projects. The amount of annual funding and grant eligibility is subject to EPA's budget. Federal appropriations for the 319 grant program have declined 33 percent since federal fiscal year 2003.

(Note: On January 30, 2015, the National Oceanic and Atmospheric Administration (NOAA) and the United States Environmental Protection Agency (EPA) concluded that the State of Oregon had not submitted a fully approvable Coastal Nonpoint Pollution Control Program as required by section 6217(a) of the Coastal Zone Act Reauthorization Amendments of 1990 (CZARA), 16 U.S.C. 1455b. NOAA and EPA found that the State had not adopted additional management measures applicable to forestry that are necessary to achieve and maintain applicable water quality standards under Clean Water Act section 303 and to protect designated uses. In July 2015, EPA notified DEQ that EPA would be withholding \$631,500 of Oregon's Fiscal Year 2015 Clean Water Action Section 319 grant appropriation until NOAA and EPA determines that Oregon had provided sufficient indication that the state is taking steps to address shortfalls in its Coastal Nonpoint Pollution Control Program. EPA has withheld approximately \$500,000 from each of Oregon's Fiscal Year 2016 through 2018 appropriations. The Agency Request Budget retains the limitation for the grant with the expectation that Oregon's coastal nonpoint source program will achieve NOAA and EPA approval during 2019-21.)

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$4,582,859	\$388,924	\$60,276	\$4,133,659
7/1/19 - 6/30/21	\$0	\$4,701,772	\$451,978	\$421	\$4,249,373

WATER QUALITY DIVISION

FEDERAL WATER POLLUTION CONTROL PROGRAM SUPPORT FUNDING (SECTION 106 GRANT)

DEQ has received an annual federal grant from the EPA and its predecessor agencies for many years to offset part of the costs of operating eligible portions of the state's Water Quality Control program. Eligible portions include permitting activities, standards, monitoring, assessment, enforcement, inspections, training, technical assistance and water quality planning. Grant amounts are determined by formula allocation of national appropriations authorized by Section 106 of the Federal Clean Water Act. DEQ estimates of federal funds are based on the President's budget and the most recent funding projections by EPA for Oregon. The base appropriation for the Section 106 Grant has remained virtually flat during federal fiscal years 2004 through 2010, requiring DEQ to submit General Fund restoration requests to maintain core programs in our 2007-09 and 2009-11 budgets. Congress has appropriated supplemental 106 moneys since federal fiscal year 2005 that have been earmarked for monitoring initiatives, including surveys of the nation's waters. Congress appropriated additional supplemental 106 moneys in FFY2010 for states to enhance their permitting and enforcement programs. Those moneys became a part of the base appropriation in FFY2011. DEQ is projecting flat appropriations for the grant years that support the 2019-21 budget.

A minimum non-federal funding level for the Water Quality program (excluding subsurface and funds used to match other grants) of \$512,951 per year must be maintained in order to qualify for the 106 program grant funds.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$6,556,321	\$819,317	\$155,858	\$5,581,146
7/1/19 - 6/30/21	\$0	\$6,460,765	\$933,111	\$2,524	\$5,525,130

WATER QUALITY DIVISION

FEDERAL UNDERGROUND INJECTION CONTROL GRANT

The Federal Safe Drinking Water Act establishes funding to states for programs to regulate underground waste disposal, which may pollute public water, particularly groundwater. ORS Chapter 468 gives DEQ responsibility to control such waste discharges with state permits. EPA delegated the UIC program to DEQ on October 9, 1984. DEQ provides the 25 percent state match for this federal grant through in-kind services. DEQ's estimate of federal funds is based on the President's budget and the most recent funding projections by EPA for Oregon. The federal grant has been insufficient to adequately implement the program as required under federal primacy delegation requirements and state rules, and Oregon's appropriation remained virtually flat from federal fiscal year 2001 until 2015, when EPA revised the allocation formula, which increased Oregon's share approximately 25 percent.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$267,620	\$36,523	\$8,245	\$222,852
7/1/19 - 6/30/21	\$0	\$307,671	\$49,179	\$33	\$258,459

WATER QUALITY DIVISION

FEDERAL WATER QUALITY MANAGEMENT PLANNING FUNDING (SECTION 604(B) GRANT)

Clean Water Act, Section 604(b) funds are awarded to state water quality management agencies to carry out water quality management planning. EPA reserves under Section 604(b) for each state an amount not to exceed one percent of the amount allotted and available for obligation for water pollution control revolving loan funds or \$100,000, whichever is greater, for the states to carry out water quality management planning. There are no match requirements associated with this funding source. This funding is used by DEQ for statewide planning and management of the Total Maximum Daily Load (TMDL) program and to support water quality management planning projects, including watershed status reports and action plans.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$395,120	\$31,540	\$5,045	\$358,535
7/1/19 - 6/30/21	\$0	\$417,498	\$38,807	\$0	\$378,691

WATER QUALITY DIVISION

FEDERAL WATER QUALITY - OTHER GRANTS

EPA and other federal agencies periodically solicit proposals for a variety of federal grant programs. DEQ has historically applied for and been awarded grants to conduct water quality studies and other special projects and expects to expend some of these grant dollars in 2019-21, although federal appropriations for these grant programs have been drastically reduced in recent years. DEQ has used these funds to accomplish high priority agency work such as program improvement and streamlining efforts, augmenting existing water quality protection efforts, development and testing of innovative approaches to water quality protection, enhanced use of electronic databases and other information technology innovations, and clean water protection and enhancement activities, including water quality monitoring and Total Maximum Daily Load (TMDL) development. Match requirements on these grants range from no match to 100 percent match. Examples of projects funded by special grants include:

- Implement effluent trading in a wastewater permit
- Monitor mercury in the Willamette Basin, and characterize ambient and point source mercury levels
- Conduct activities in support of TMDL development, including data collection, modeling and water quality studies
- Coordinate watershed-based permitting, including the development of a permit issuance plan, rule revisions, performance measures and statewide policies or program guidance
- Populate and enhance the discharge monitoring system and conduct other activities necessary to meet water quality data management requirements
- Enable electronic reporting of discharge monitoring reports
- Develop guidance for mercury minimization plans for designated management agencies
- Enhance implementation planning guidance for designated management agencies
- Conduct activities to help implement the statewide monitoring strategy
- Improve data management and information systems
- Assess contaminant sources and ecological conditions along tributaries and the main stem of the Columbia River
- Monitor and assess the status and trends of ecological resources using the Environmental Monitoring and Assessment Program design; examples include the Coastal Environmental Monitoring and Assessment Program, which studied randomly selected sites from Oregon's estuaries and near-coast ocean, and the EMAP Western Pilot Project, which focused on wade able streams in the John Day Basin and statewide
- Development of a TMDL strategy for addressing harmful algae blooms in Oregon lakes

DEQ uses federal grants to cooperatively develop a system for information sharing between EPA, the 50 states and other regulators, known as the National Environmental Information Exchange Network. The data exchange allows states to meet federal mandates on data reporting and provides data access nationwide. The Exchange Network allows information needs to be met efficiently, avoiding wasted and duplicative work. Highlights of DEQ's accomplishments with the Network include "one click" report generation for hazardous waste and facility data, real-time access to some air monitoring data, elimination of the requirement for business to report separately on toxic releases to the state fire marshal and EPA (now one report for both) and a single point to access water monitoring data from multiple sources, including well testing related to real estate transactions.

These grants also include a federal grant from EPA for beach monitoring. DEQ cooperates with Oregon Health Authority to monitor coastal beaches for bacteria contamination, and became the receiving agency for the federal grant in 2018.

WATER QUALITY DIVISION

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$1,096,828	\$58,801	\$12,607	\$1,025,420
7/1/19 - 6/30/21	\$0	\$1,325,698	\$84,986	\$0	\$1,240,712

WATER QUALITY

PROGRAM ESSENTIAL PACKAGE NARRATIVE

VACANCY FACTOR AND NON-PICS PERSONAL SERVICES (#O10)

Purpose: To apply adjustments to personal services costs that are not generated by the Position Inventory Control System:

- Updates the vacancy factor to project budget savings reasonably expected from staff turnover
- Applies the standard general inflation factor of 3.80 percent to non-PICS generated personal services costs, such as temporaries, overtime and shift differential
- Adjusts for changes in the contribution for debt service on the Public Employee Retirement System pension obligation bonds
- Adjusts for mass transit taxes (excluding federal funds)

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
010	\$446,057	\$85,494	\$ 571,279	\$ 218,356

Staffing impact: None

COST OF PHASED-IN PROGRAMS OR ONE-TIME INCREASES (#O21)

Purpose: To apply non-Position Inventory Control System related budget adjustments to the cost of the program above the 2019-21 Base Budget level, after adjustments are made for start-up costs or other one-time expenditures funded in 2017-19.

How accomplished: After removing start-up or other one-time expenditures, ongoing services and supplies are biennialized to represent a full biennium's costs.

This package phases in \$16,285 of services and supplies associated with 2017-19 package 120, "Minimizing Impacts from Urban Stormwater,"

and \$79,073 of services and supplies associated with 2017-19 package 125, "Water Quality Permit Program Improvements."

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
021	\$0	\$71,145	\$24,213	\$0

Staffing impact: None.

COST OF PHASED-OUT PROGRAMS OR ONE-TIME ELIMINATIONS (#O22)

Purpose: To apply non-Position Inventory Control System related budget adjustments to activities that phase-out in 2019-21, or eliminate one-time expenditures from the 2017-19 budget.

How accomplished: This package removes ongoing services and supplies associated with positions eliminated during the 2017-19 biennium, including limited duration positions. The package also removes one-time expenditures, such as capital outlay and special payments, not intended to continue into the 2019-21 biennium.

- This package makes adjustments for expenditures related to implementation of 2017 House Bill 5045 (package 813).
- This package makes adjustments for expenditures related 2017-19 package 124, "Onsite Septic System Loan Program."

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
022	\$(1,500,000)	\$0	\$(36,650)	\$0

Staffing impact: None.

WATER QUALITY

TITLE: INFLATION AND PRICE LIST ADJUSTMENTS (#031, 032, 033)

Purpose: To apply inflation and price list adjustments to services and supplies, capital outlay and special payment amounts in the 2019-21 Base budget.

How accomplished: Package 031 applies standard inflation, state government service charge and other price list adjustments as follows:

- General inflation of 3.80 percent
- Attorney general inflation of 20.14 percent
- State government service charge price list adjustments
- Central government service charge price list adjustments
- Self-support rent agreement price list (DEQ Laboratory Facility)

Package 032 applies above standard inflation with BAM analyst approval.

Package 033 applies inflation rates requiring Exception Committee approval.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
031	\$256,251	\$62,521	\$236,907	\$169,452
032	\$0	\$0	\$0	\$0
033	\$331,567	\$69,093	\$0	\$0

Staffing impact: None

FUND SHIFTS (#050)

Purpose: To record position/budget shifts among funding types within the program.

How accomplished: This package shifts positions, services and supplies and capital outlay from Federal Funds to Other Funds to reflect changes in work and funding.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
050	\$0	\$0	\$0	\$0

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
0	0	0	0	0

TECHNICAL ADJUSTMENTS (#060)

Purpose: The package records technical adjustments that do not fit in the standard essential packages.

How accomplished: This package transfers FTE between SCRs to represent operational reality. Shifts professional services to other services and supplies categories to align budget with current accounting practices.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
060	\$0	\$0	\$0	\$0

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
0	0	0	0	0

WATER QUALITY

PROGRAM ADJUSTMENT PACKAGE NARRATIVE

REVENUE SHORTFALLS (#070)

Purpose: The package includes Other Fund and Federal Fund expenditure reductions necessary to adjust current service level to available revenue. Where appropriate, an ending balance is maintained to allow continuity of the program into the next biennium.

How accomplished: Package 070 reduces limitation through reductions of 4.0 FTE, including two positions DEQ is requesting to restore in policy option packages. The package reduces Federal Fund limitation by \$673,381 (3.0 FTE) to account for a decline in federal revenue and increased costs. Federal Clean Water Act Section 106 Water Pollution Control grants and appropriations for water quality studies and special projects have declined since federal fiscal year 2011. Other Fund limitation is reduced by \$233,200 (1.0 FTE) to adjust staffing levels to workload.

This package would eliminate one Federal Fund position (1.0 FTE) that ensures water quality outcomes are adequately considered for water storage and supply project planning activities. Loss of this position reduces DEQ's ability to staff these efforts throughout the state and increases the potential that they might inadvertently result in negative water quality impacts. Diminished stream flow is the most widespread cause of water quality impairment in Oregon. Loss of this position would diminish DEQ's ability to determine flow needs to meet water quality standards and promote non-regulatory approaches to meeting water quantity/quality objectives (e.g., water reuse). DEQ is requesting to restore the position in policy option package 124.

This package would eliminate one Federal Fund position (1.0 FTE) that develops policy and conducts interagency coordination on federal lands and agricultural, forestry and road-related water quality issues. Position activities include technical assistance, development of memoranda of agreement, evaluating TMDL implementation efforts related to nonpoint source pollution, and ongoing coordination needed to protect water quality throughout the state. DEQ is requesting to restore this position in package 128.

This package would permanently eliminate one Federal Fund position

(1.00 FTE) due to a decline in federal grant dollars. The position provided information system and data coordination support for the Water Quality program.

This package would permanently eliminate one Other Fund position (1.0 FTE) that provided project management of active loan-assisted treatment works improvement projects funded by the Clean Water State Revolving Fund.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
070	\$ 0	\$ 0	\$ (233,200)	\$ (673,381)

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
(4.00)	0	0	(1.00)	(3.00)

WATER QUALITY

ANALYST ADJUSTMENTS (#090)

Purpose: This package implements the changes to the agency’s current service level budget recommended by the Budget and Management Analyst and adopted in the Governor’s Recommended Budget.

How accomplished:

This package eliminates a position working on TMDL implementation, an Integrated Water Resources position, a stormwater specialist, the WQ program’s senior legal policy analyst, and two chemist positions that analyze samples for air speciation and groundwater quality.

The elimination of these positions will:

- Reduce capacity to guide and evaluate TMDL implementation efforts.
- Reduce water quality expertise for place-based planning efforts and ensure water quality outcomes are adequately considered when planning water storage and supply projects.
- Reduce senior level legal policy advice—based on state and federal laws—to the Water Quality Program.
- Reduce oversight of stormwater management practices for industrial, municipal and construction activities with regulated stormwater discharges.
- Together with the package 090 reductions at the laboratory in the Air Quality program budget would reduce 3 FTE that support field collection and analysis of samples for air speciation and ground water in the state’s ground water management areas (GWMA). The reduction in air quality speciation data would limit DEQ ability to identify sources of pollution and monitor long term trends. Reduction of the ground water monitoring in the GWMA would impact long term trend analysis and effectiveness monitoring of efforts in the areas to reduce water containments.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
090	\$ (1,924,979)	\$ (4,475)	\$ 0	\$ 0

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
(6.00)	(6.00)	0	0	0

WATER QUALITY

STATEWIDE ADJUSTMENT DAS CHGS (#091)

Purpose: This package represents changes to State Government Service Charges and DAS pricelist changes for services made for the Governor's Budget.

How accomplished: Adjustments made to the State Government Service Charges and DAS price list charges for services made for the Governor's Budget.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
091	\$ (110,734)	\$ 0	\$ (52,580)	\$ 0

Staffing impact: No impact

TITLE: STATEWIDE AG ADJUSTMENT (#092)

Purpose: This package reduces Attorney General rates by 5.95 percent to reflect changes in the Governor's Budget.

How accomplished: Adjustments made to the Attorney General rates.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
092	\$ (22,741)	\$ (5,726)	\$ (33,539)	\$ (2,978)

Staffing impact: No impact

WATER QUALITY

POLICY OPTION PACKAGE 120 NARRATIVE

TITLE: MINIMIZE IMPACTS FROM URBAN AND HIGHWAY STORMWATER (#120)
PRIORITY RANK – GENERAL FUND: 11

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package would authorize two General Fund positions to match fee-funded positions authorized in DEQ's 2017-19 LAB and make permanent a limited duration position also authorized in 2017-19. These positions are critical to implement federal requirements for urban and transportation-related stormwater control.

Background: Stormwater runoff occurs when rain or snowmelt picks up pollutants and transports them directly to rivers, lakes and streams. Urban areas and highway departments commonly manage stormwater runoff using "municipal separate storm sewer systems" (MS4s) that are designed to collect and convey stormwater using storm drains, pipes and ditches. The runoff commonly contains pollutants such as petroleum products, metals, herbicides and bacteria.

To prevent harmful pollutants from being discharged into rivers and streams, the U.S. Environmental Protection Agency requires MS4s located within urbanized areas to be regulated by federal National Pollutant Discharge Elimination System permits. MS4 permits require permittees to develop and implement a stormwater management program to control the pollutants in stormwater runoff.

Currently, DEQ oversees eight "Phase I" MS4 permits covering over 20 cities, counties and the Oregon Department of Transportation, and 15 "Phase II" MS4 permits covering 19 cities and counties. In 2012, the U.S. Census Bureau issued an update on urban areas, which had the effect of adding five cities and two counties to the list of jurisdictions required to obtain a MS4 permit. The number of MS4 permittees is expected to increase as Oregon's population grows and more areas become urbanized.

The core work associated with implementing the MS4 program includes issuing timely and effective permits; evaluating compliance and providing compliance assistance where needed; conducting inspections and initiating enforcement actions when necessary; analyzing annual reports to evaluate stormwater management plan effectiveness and providing feedback to permittees; and responding to complaints.

DEQ's 2017-19 Agency Request Budget requested four positions – the minimum number of positions needed to administer the statewide MS4 program – funded on a mix of General Funds and fees. The Legislature authorized only the two positions funded by fees. This package funds the other two positions required to operate this program at a minimum level.

This package also requests that the ODOT-funded Transportation Stormwater Specialist position be made permanent to reflect the ongoing workload associated with ODOT's MS4 permit and related stormwater requirements under the federal Clean Water Act. The work requires a technical and policy expert on stormwater associated with roads, highways and other ODOT transportation-related facilities, and requires significant interagency coordination.

How Achieved: This package phases-in two positions to enable DEQ to fulfil its regulatory responsibilities and provide an adequate level of service to MS4 permittees throughout the state. These two positions will provide additional capacity to carry out the following responsibilities:

- Issue permits
- Review plans and reports
- Conduct compliance inspections for regulated facilities
- Provide compliance assistance to permittees, with an emphasis on smaller communities that have recently registered for coverage under the MS4 Phase II general permit. This includes:
 - Timely responses to permittees' questions and requests for assistance.
 - Developing tools and other resources to assist existing and future permittees with development of their stormwater management programs.

WATER QUALITY

- Conducting trainings and providing assistance for new permittees related to permit requirements and how to achieve and maintain compliance.

This package also makes permanent the ODOT-funded Transportation Stormwater Specialist position. This enables DEQ to continue its work with ODOT to renew its MS4 permit and to ensure capacity and expertise for coordination between the two agencies regarding stormwater requirements.

Quantifying Results

If this package is approved, DEQ will have four positions to assist MS4 jurisdictions with developing and implementing effective stormwater management plans and maintaining compliance with MS4 permit requirements. Specifically, DEQ will:

- Work to reissue the expired MS4 Phase I permits with the goal of having all Phase I permits current by the end of 2020.
- Evaluate 19 new jurisdictions for permit coverage as required by federal regulations.
- Provide compliance assistance to permittees, with an emphasis on the smaller communities.
- Review and provide feedback on annual reports from all MS4 permittees; follow up on compliance issues identified during the review.
- Develop an inspection protocol; establish and keep up-to-date with an inspection schedule.
- Conduct inspections and provide compliance assistance to regulated facilities.
- Produce an annual summary of program status, accomplishments and metrics.
- Provide ongoing program and permit evaluations to guide program improvements.

DEQ will also have permanent authority for a position with the technical and policy expertise needed to ensure that the state highways system and associated facilities managed by ODOT meet all applicable regulations. This includes having a renewed ODOT MS4 permit by the end of 2019; ensuring TMDL load allocations and associated implementation plans

related to ODOT activities are achieving pollution reduction targets; and providing input on ODOT's plans associated with stormwater to ensure water quality concerns are adequately addressed, including but not limited to ODOT's Winter Maintenance Strategy, Spill Response Plan and Water Monitoring Plans.

DEQ will measure success through a variety of measures, including number of permits current and number of inspections.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS4 Transportation Stormwater Specialist	1 PF	3533	1.0
<i>The following positions phase in on October 1, 2019:</i>			
NRS2 Water Quality Specialist	1 PF	3531	0.88
NRS2 Water Quality Specialist	1 PF	3532	0.88
Total	3		2.76

REVENUE SOURCE

General Fund	421,696
Other Funds	236,700
Federal Funds	0
Total Limitation	658,396

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS4 Transportation Stormwater Specialist	1 PF	3533	1.0
NRS2 Water Quality Specialist	1 PF	3531	1.0
NRS2 Water Quality Specialist	1 PF	3532	1.0
Total	3		3.0

WATER QUALITY

REVENUE SOURCE

General Fund	475,616
Other Funds	236,700
Federal Funds	0
Total Limitation	<u>712,316</u>

WATER QUALITY

POLICY OPTION PACKAGE 121 NARRATIVE

TITLE: ENSURE PROTECTIVE ONSITE SEPTIC SYSTEMS (#121)
PRIORITY RANK – GENERAL FUND: 16

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package proposes to increase fees in two different program areas to ensure that onsite septic systems are properly functioning, and that water pollution and public health risks are prevented.

Septic systems are a common method of sewage treatment for homes and businesses. Approximately 30 percent of Oregon households rely on septic systems to treat their sewage. Properly functioning septic systems treat sewage to minimize groundwater and surface water pollution and to protect human health.

Regulation of septic systems varies based on the amount of sewage the systems handle. "Small onsite systems" treat less than 2,500 gallons per day and typically serve residences and small businesses. "Large onsite systems" include subsurface treatment systems that exceed that threshold or have high waste strength, and commonly serve larger businesses or clusters of residences such as rural subdivisions or manufactured home parks.

SMALL ONSITE SYSTEMS

DEQ regulates the siting, installation and operation of small septic systems through its Onsite Septic System Program. DEQ currently implements onsite regulations in ten counties. In the other 26 counties in Oregon, local governments implement the program with DEQ oversight. Local governments set their own fees to cover their costs, with a surcharge applied to permit applications to cover DEQ's oversight costs. In the ten counties where DEQ implements onsite regulations, DEQ charges onsite permit fees for site evaluations, construction-installation permits, alterations, repairs, permit denial reviews, authorization notices, land use clearance and annual report evaluations for holding tanks and alternative treatment technology systems.

How Achieved: This package seeks to phase-in one new onsite specialist position and requests authority to increase DEQ's onsite fees by 16 percent. The fee increase is scheduled to be effective on July 1, 2020. The proposed fee increase includes two elements:

- A four percent fee increase to cover the increasing costs of program administration. DEQ last raised fees in November 2017, imposing a three percent fee increase with the understanding that an additional similar increase would be needed soon to fully cover increasing costs. This package assumes the fee increase would apply across-the-board, with the exception of the DEQ surcharge on permit applications in counties where local governments implement the program.
- A 12 percent fee increase to fund workload that existing staff cannot meet. The work includes prompt complaint response to address threats to the environment and public health, performing timely pre-cover inspections to minimize delays for homeowners, and ensuring compliance with advanced treatment system maintenance requirements.

Quantifying Results: Approval of this package will allow DEQ to maintain its current service levels in most program areas and enhance service levels for the following areas:

- Inspections. DEQ would increase its inspections from 27 percent (less than 17 percent in Southern Oregon) of newly constructed septic systems to 70 percent to ensure compliance with permit conditions and environmental regulations.
- Complaint response. DEQ would respond to all environmental complaints regarding onsite septic systems, instead of only investigating the most egregious complaints. Current resourcing levels prevent DEQ from being able to address many public health and environmental issues related to onsite septic systems.
- Maintenance compliance. Currently, DEQ is not able to follow-up with property owners who do not submit annual reports or have service contracts in place. Additional resources would allow DEQ to work with permit holders to ensure they are properly operating and maintaining systems, reducing the public health and environmental risks created by improperly maintained systems.

LARGE ONSITE SYSTEMS

WATER QUALITY

DEQ regulates more than 700 large onsite septic systems. Collectively, the permitted facilities process over 5 million gallons of sewage every day.

DEQ has 2.5 FTE to manage these permits, which includes reviewing annual reports, inspecting systems, preparing enforcement actions, providing technical assistance to permit holders, conducting plan reviews, renewing and modifying permits, responding to new permit applications, and responding to complaints. Staff spend approximately one-third of their time providing technical assistance to permit holders, the public, realtors, state and local agencies, consultants, designers, installers and maintenance providers. With less than two FTE to manage all other permitting responsibilities, DEQ is not accomplishing other essential work:

- Over 50 percent of the permits are expired, and more permits expire every year than DEQ can renew. For example, in 2017 DEQ renewed 18 permits, but 51 expired.
- DEQ is not meeting its goal of inspecting facilities at least once every five years, and has not inspected many facilities in decades. In 2017, DEQ inspected 31 facilities and found that over half were operating in violation of their permit. Not operating within a permit's requirements can result in discharges of untreated or undertreated sewage to ground and surface waters.
- DEQ does not review annual reports unless it is renewing a permit, which occurs once every 10 years. This means that potential compliance issues may go undetected and unaddressed.

How Achieved: This package seeks to phase-in three new permitting positions to fulfill permitting responsibilities for large onsite systems. If the fee funded portions of the WPCF Onsite positions in this package are approved, DEQ estimates a need for approximately \$350,000 in new fee revenue in 2019-21. DEQ's annual permit fee revenue baseline is approximately \$7 million. If a fee increase was implemented on July 1, 2020, a fee revenue increase of approximately 5% would generate the \$350,000 in new fee revenue in the 2019-21 biennium. This fee increase would be in addition to the legislatively authorized increase for wastewater permitting fees of up to three percent per calendar year, and could be higher if the effective date is delayed.

Quantifying Results: Adoption of this package would allow DEQ to implement an inspection plan for inspecting all currently permitted facilities within five years of hiring the new positions. The additional staff will also enable DEQ to significantly reduce response time for new applications and permit modifications, and provide timely follow-up on problems that could affect permit compliance.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 2 Onsite Specialist (<i>phases in October 1, 2019</i>)	1PF	3524	0.88
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist (<i>phases in October 1, 2019</i>)	1PF	3535	0.88
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist (<i>phases in July 1, 2020</i>)	1PF	3536	0.5
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist (<i>phases in January 1, 2020</i>)	1PF	3537	0.75
Total	4		3.01

REVENUE SOURCE

General Fund	278,578
Other Funds	418,356
Federal Funds	—
Total Limitation	696,934

2021-23 STAFFING IMPACT

WATER QUALITY

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 2 Onsite Specialist	1PF	3524	1.0
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist	1PF	3535	1.0
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist	1PF	3536	1.0
NRS 3 Registered Environmental Health Specialist Onsite Wastewater Specialist	1PF	3537	1.0
Total	4		4.0

REVENUE SOURCE	
General Fund	322,721
Other Funds	596,039
Federal Funds	—
Total Limitation	918,760

WATER QUALITY

POLICY OPTION PACKAGE 122 NARRATIVE

TITLE: SETTING AND IMPLEMENTING WATER QUALITY STANDARDS (#122)
PRIORITY RANK – GENERAL FUND: 4

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package will provide capacity for timely development and implementation of water quality standards, including variances and other strategies for implementing standards in permits, water quality assessments and TMDLs.

Background

Water quality standards are the foundation of Oregon's water quality program. Standards serve as the basis for clean water plans (TMDLs), establishing discharge limits in permits, and setting objectives for nonpoint source pollution control plans and land management programs.

Current DEQ priorities for work on water quality standards includes:

- Addressing a component of Oregon's temperature standard that was invalidated by a federal court.
- Providing input to EPA as it promulgates aluminum criteria for Oregon.
- Developing variances for dischargers in the Willamette Basin that cannot immediately attain the state's mercury criterion.
- Incorporating updated information on the distribution of fish and aquatic species into Oregon's water quality standards.

Without this package, priority work identified in a recent triennial review of Oregon's water quality standards cannot be initiated for at least two years. This area of priority work must incorporate up-to-date science to clarify standards and their application, improve the efficiency and consistency of Oregon's permitting and TMDL programs, and provide improved protection of water quality for fish and for human health.

DEQ is also experiencing an increasing workload in developing tools and

compliance mechanisms for implementing standards in water quality permits and TMDLs. This includes the need to develop variances where dischargers cannot feasibly achieve water quality-based effluent limits.

DEQ currently has three positions (2.8 FTE) working on water quality standards, which contributes to substantial delays in permit issuance.

How Achieved

This package will phase-in three full time positions to expedite work on high priority projects and support timely permit issuance. One of these positions replaces a position eliminated in DEQ's 2017-19 LAB due to a Federal Fund revenue shortfall.

Quantifying Results

DEQ expects to deliver the following results:

- Develop compliance mechanisms for water quality permits associated with temperature and toxic pollutants.
- Address the disapproved portion of the temperature standard that enabled DEQ to consider natural conditions when implementing water quality standards in permits and TMDLs.
- Water quality standards that reflect updated information on the distribution of fish and aquatic species.

DEQ will quantify results based on water quality standard revisions, new tools and mechanisms for implementing standards in permits, and permits issued that include a compliance mechanisms associated with water quality standards.

If the fee funded portions of this package are approved, DEQ estimates a need for approximately \$530,000 in new fee revenue in 2019-21. DEQ's annual permit fee revenue baseline is approximately \$7 million. If a fee increase was implemented on July 1, 2020, a fee revenue increase of approximately 8% would generate the \$530,000 in new fee revenue in the 2019-21 biennium. This fee increase would be in addition to the legislatively authorized increase for wastewater permitting fees of up to three percent per calendar year, and could be higher if the effective date is delayed.

WATER QUALITY

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
<i>The following positions phase in on October 1, 2019:</i>			
NRS4 Water Quality Standards Specialist	1 PF	3538	0.88
NRS4 Variance Specialist	1 PF	3539	0.88
<i>This position phases in on January 1, 2020:</i>			
NRS3 Water Quality Standards Analyst	1 PF	3540	0.75
Total	3		2.51

REVENUE SOURCE

General Fund	253,976
Other Funds (fees)	371,045
Federal Funds	—
Total Limitation	625,021

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS4 Water Quality Standards Specialist	1 PF	3538	1.0
NRS4 Variance Specialist	1 PF	3539	1.0
NRS3 Water Quality Standards Analyst	1 PF	3540	1.0
Total	3		3.0

REVENUE SOURCE

General Fund	286,818
Other Funds (fees)	451,972
Federal Funds	—
Total Limitation	738,790

WATER QUALITY

POLICY OPTION PACKAGE 123 NARRATIVE

TITLE: HARMFUL ALGAE BLOOM (HAB) RESPONSE AND ASSESSMENT (#123)

PRIORITY RANK – GENERAL FUND: 17

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package provides funding for sample collection and analysis in response to harmful algae bloom (HAB) concerns. It also provides resources for identifying the factors contributing to the development of HABs and supporting local efforts to avoid or minimize the frequency and severity of HABs.

Background

Harmful algae blooms form when naturally occurring algae get nutrient (nitrogen and phosphorous), light, and temperature conditions that promote rapid growth and reproduction. HABs can occur in any waterbody under the right conditions, and can last for several weeks or longer.

In Oregon streams, rivers and lakes, HABs typically result from blooms of an algae type called cyanobacteria. Cyanobacteria have the potential to produce toxins at levels that can be harmful to people and animals. These toxins can be highly toxic – sometimes resulting in death – to pets, livestock, and wildlife that ingest water containing the toxins. Toxins in waterbodies used for drinking water may force water suppliers to shut down their operations or issue drinking water advisories, as was evident in Salem, Oregon in summer 2018 in response to HABs in Detroit Lake.

HABs can also disrupt recreational activities such as swimming, boating and fishing. In 2016 and 2017, there were 20 waterbodies in Oregon with HAB recreational advisories, including the Willamette River in the Portland area, Lake Billy Chinook and Detroit Lake. These disruptions can affect local businesses and tourism. When HABs occur, potential consequences can be lessened with timely and accurate data.

When a HAB occurs, a local land or reservoir management agency such as the U.S. Forest Service, lake associations or local government agencies typically collect water samples. When no agency can respond, OHA may ask DEQ to monitor the bloom and collect and analyze water samples. Monitoring is especially important when a HAB occurs on waterbodies where the public has access to and uses for recreation, in areas upstream of domestic or municipal drinking water intakes, or when a human illness or animal death is believed to have been associated with a bloom. This package funds work to monitor, sample and analyze samples for cyanotoxins.

In 2010, DEQ began to include waters with HAB health advisories on its 303(d) list of impaired waters under the federal Clean Water Act. The 303(d) listing triggers the Clean Water Act requirement for DEQ to assess the waters to determine the causes of the blooms, evaluate and identify pollution sources contributing to the bloom and develop a pollution reduction plan. DEQ has identified at least 33 waterbodies needing a pollution reduction plan to address HABs. Bi-weekly cyanotoxin screening of 103 public drinking water sources occurring between July and October 2018 per an OHA emergency rule may identify additional waterbodies of concern. In the past, DEQ and local agencies have successfully addressed HABs through pollution reduction. For example, reduction of phosphorus loading following a joint study by DEQ and local partners has lessened the frequency, magnitude, and extent of HABs in the Tualatin River.

HABs are becoming more common with the recent trends in lower stream flows and warmer water temperatures and from land and water use changes related to population growth. The Legislature provided DEQ with a one-time appropriation of \$100,000 for the 2015-17 biennium to cover limited HABs monitoring and analytical costs. In July 2018, DEQ re-directed resources to provide analytical support for cyanotoxin screening analysis from public drinking water suppliers affected by an OHA emergency rule (DEQ subsequently requested Emergency Board funding to support these efforts through the 2018 summer season). Aside from these time-limited funds, DEQ has not been funded to monitor HABs, evaluate causes of the HABs, or develop pollution reduction plans to reduce their frequency in the future.

WATER QUALITY

How Achieved

This package will create a small team to monitor and analyze HAB samples and work with external partners to plan and implement activities that will reduce the occurrence and severity of HABs in the future. It establishes five new positions (3.76 FTE). It also includes an ongoing capital outlay of \$30,000 for laboratory supplies necessary for conducting toxin analyses. Positions include:

- HABs Specialist (Natural Resource Specialist 3; 1.0 FTE) to lead DEQ's response monitoring efforts for HABs, and work with local stakeholders to develop and implement pollution reduction plans.
- Analytical Chemist (Chemist 2; 1.0 FTE) to perform analysis of water samples.
- Water Quality Analyst (Natural Resource Specialist 3; 1.0 FTE) to conduct technical analyses to identify the causes of HABs and potential solutions to reduce HABs occurrence and severity in waterbodies where pollution reduction are being developed.
- One seasonal Water Quality Monitoring Specialists (Natural Resource Specialist 1; 0.5 FTE).

Results/Outcomes

If this package is approved, DEQ will:

- Develop and maintain a coordinated state agency HABs response monitoring and response strategy.
- Produce timely and high quality data that OHA will use to issue and lift public health advisories.
- Maintain a publicly accessible clearinghouse of HABs data, including data collected and submitted by other agencies.
- Analyze data and other information for specific waterbodies to identify pollutants contributing to HABs and potential strategies to reduce pollutant loads and the frequency or severity of HABs.
- Assist local stakeholders with developing pollution reduction plans, identifying pollution reduction strategies, designing and implementing pollution reduction projects and evaluating the effectiveness of their efforts at reducing HABs.

If this package is not approved:

- Oregonians, their pets and livestock will be more at risk of suffering the effects of exposure to algal toxins.
- Drinking water providers may unnecessarily shut down production in response to a HAB, causing hardship for homes and businesses they serve.
- Algae blooms, whether toxic or not, will cause greater economic hardship on businesses than would occur if timely and high quality data was more readily available to OHA and the public.

Quantifying Results:

DEQ will measure success of its HABs response efforts by tracking measures including the number and timeliness of responses by DEQ or other agencies; cost effectiveness; analytical turnaround time from sample collection to reporting; the number of approved pollution reduction plans; number of pollution reduction measures implemented; and reductions in the amount of pollutants in the waterbody.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS1 WQ Monitoring	1 SF	3542	0.5
NRS3 HABs Specialist	1 PF	3589	1.0
Chemist 1	1 SF	3590	0.5
<i>These positions phase in on October 1, 2019:</i>			
NRS3 Water Quality Analyst	1 PF	3541	0.88
Chemist 2	1 PF	3543	0.88
Total	5		3.76

REVENUE SOURCE

General Fund	983,919
Other Funds	—
Federal Funds	—
Total Limitation	983,919

WATER QUALITY

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS1 WQ Monitoring	1 SF	3542	0.5
NRS3 HABs Specialist	1 PF	3589	1.0
Chemist 1	1 SF	3590	0.5
NRS3 Water Quality Analyst	1 PF	3541	1.0
Chemist 2	1 PF	3543	1.0
Total	5		4.0

REVENUE SOURCE	
General Fund	1,022,371
Other Funds	—
Federal Funds	—
Total Limitation	1,022,371

WATER QUALITY

POLICY OPTION PACKAGE 124 NARRATIVE

TITLE: INTEGRATED WATER RESOURCES STRATEGY (#124)

PRIORITY RANK – GENERAL FUND: 12

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package allows DEQ to maintain a position that supports implementation of the Integrated Water Resources Strategy. This position is unaffordable and will be eliminated unless authorized through this package.

Background

Following adoption of the IWRS in 2012, the Legislature established three new positions at DEQ to support achievement of the IWRS goal of meeting Oregon's future water needs. These positions provide water quality expertise for place-based planning efforts and ensure adequate consideration of water quality outcomes when planning water storage and supply projects.

Loss of this position reduces DEQ's ability to staff these IWRS efforts and increases the potential for water quality storage and supply projects to result in negative water quality impacts. Diminished stream flow is the most widespread cause of water quality impairment in Oregon. The reduction also reduces DEQ's ability to determine flow needs to meet water quality standards and promote non-regulatory approaches to meeting water quantity/quality objectives (e.g., water reuse).

How Achieved

This package would provide funding and position authority to enable DEQ to maintain a currently filled IWRS position.

Quantifying Results

If approved, this package would allow DEQ to continue providing its current level of water quality technical assistance for water storage and supply projects and place-based planning efforts. Specifically, this package enables DEQ to:

- Complete Division 33 reviews for new instream water rights applications.
- Provide DEQ leadership on Division 33 multi-agency coordination.
- Review grant applications and provide funding recommendations.
- Evaluate instream flow needs supportive of water quality standards and relative to instream water rights.
- Support communities and groups with watershed place-based planning.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS3 Integrated Water Resources Specialist	1 PF	3017	1.0
Total	1		1.0

REVENUE SOURCE

General Fund	260,741
Other Funds	—
Federal Funds	—
Total	260,741

WATER QUALITY

POLICY OPTION PACKAGE 125 NARRATIVE

TITLE: EFFECTIVELY MANAGING THE CWSRF LOAN

PORTFOLIO (#125)

PRIORITY RANK – OTHER FUND: 9

Purpose: This package would establish a new position to ensure stable and efficient loan servicing and effective financial management of DEQ's Clean Water State Revolving Fund loan program.

DEQ administers the Clean Water State Revolving Fund loan program. The CWSRF program, capitalized through federal appropriations and repayments of principal and interest on existing loans, assists public agencies with solving water quality problems. DEQ issued its first CWSRF loan in 1991, and since then has loaned more than \$1.26 billion to 194 Oregon communities, counties, irrigation districts and other public agencies and districts.

For 2019, DEQ will have approximately \$255 million available to loan for eligible projects. DEQ is setting aside about \$63 million of the total amount available in the fund to assist communities with a population of 10,000 or less. In addition, DEQ sets aside 10% of its federal grant to lend for green projects; this amount is currently about \$1.8 million. To date, 89 percent of CWSRF funded projects address point source improvements (such as wastewater treatment and collection systems) and 11 percent address nonpoint source projects (such as irrigation improvements and stream bank restoration).

The CWSRF program currently has 178 active loans and funds 10 to 15 new loans per year. The program recently received a record number of loan applications, three times more than typically received on an application deadline. DEQ's one loan specialist services the loans, manages the loan portfolio and implements process and program improvements. One FTE is insufficient for this workload and curtails DEQ's ability to institute needed program improvements. The loan specialist has specialized and critical knowledge for the program; DEQ bears risk in having only one position with loan management knowledge and skills.

There is an increasing demand for CWSRF loans to finance water conservation and supply efforts to protect rivers and streams. DEQ is seeing significant statewide trends in:

- Irrigation district modernization projects.
- Economic development and expansion efforts, particularly in areas that are decommissioning septic systems and need sewer extensions to increase capacity and connections to municipal sewers.
- Stream restoration for essential fish habitat.

DEQ also anticipates that demand for CWSRF loans will increase as permit program improvements efforts result in an increasing number of permit renewals and new permits. These permits are likely to require upgrades at many municipal wastewater facilities, and many will look to DEQ for below market-rate loans.

How Achieved

This package would establish a new Loan Analyst position funded by the CWSRF Administrative Fund (0.5 percent fee on unpaid principal balances of loans). This position would be responsible for assisting with loan application review, financial capability review, processing disbursement requests and performing eligible cost analysis, developing and maintaining accounting records, tracking financial transactions within the CWSRF program, and other duties. This position will free up time for the existing Loan Specialist position to invest more time in process and service improvements, and optimizing financial management of the loan fund.

Quantifying Results

With an additional position, DEQ will be able to invest more time in process and service improvements and optimizing financial management in the loan fund. DEQ will also be better positioned to continue to provide efficient servicing for CWSRF loans in perpetuity.

WATER QUALITY

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
LS1 Loan Specialist <i>Phases in October 1, 2019.</i>	1 PF	3506	0.88
Total	1		0.88

REVENUE SOURCE

General Fund	—
Other Funds	169,392
Federal Funds	—
Total Limitation	169,392

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
LS1 Loan Specialist	1 PF	3506	1.0
Total	1		1.0

REVENUE SOURCE

General Fund	—
Other Funds	191,020
Federal Funds	—
Total Limitation	191,020

WATER QUALITY

POLICY OPTION PACKAGE 126 NARRATIVE

TITLE: KLAMATH BASIN WATER QUALITY IMPROVEMENTS (#126)

PRIORITY RANK – GENERAL FUND: 15

Purpose

This package includes three positions to support a multi-agency effort to improve water quality and aquatic habitat in the Klamath Basin. Improving water quality is critical to the restoration of native fish species, including salmonids and two species of resident suckers that will return to the basin after dam removals in 2021.

Background

Four dams that block fish passage on the Klamath River are scheduled for removal in 2020-2021. Restoring populations of resident and returning native fish in this basin also depends on improving habitat conditions. Several state agencies have collaborated on a comprehensive, integrated plan for salmon recovery on the Klamath River, which includes:

- Fish reintroduction and ecosystem investments (Department of Fish and Wildlife, Oregon Watershed Enhancement Board and DEQ).
- Monitoring to better understand fish populations, streamflow, and water quality (ODFW, DEQ, Department of Agriculture and Water Resources Department).
- Modest increases in agency staff for coordination among state agencies and federal, tribal and local partners.

This investment builds on an enormous amount of cooperative effort to date by Tribes, local landowners and community members, state and federal governments, PacifiCorp and other entities to find a sustainable solution for both fish and agriculture in the basin. Collectively, these actions can help to stabilize local economies in a large geographic area of Oregon. The recovery and restoration actions outlined above aim to lessen the federal regulatory burden on local landowners, modernize water-delivery systems in ways that benefit both producers' bottom line and aquatic species, and reduce water-quality issues that affect

recreational activities in the basin. All of these outcomes benefit the local economy.

How Achieved

This package will fund three positions to support local organizations, partnerships and landowners in improving water quality and restoring fish habitat in the Klamath Basin. The work includes data collection and analysis; identifying restoration priorities; designing water quality improvement projects and monitoring plans; evaluating project effectiveness; and stakeholder outreach and engagement to solicit involvement in the project and share information on water quality status, trends and outcomes.

Quantifying Results

With additional resources, DEQ expects to deliver the following results:

- Continued improvement in water quality through enhanced coordination among restoration partners in upper basin.
- Increased coordination with private landowners to take advantage of opportunities for restoration and pollutant control.
- Enhanced effectiveness monitoring.
- Improved understanding of factors affecting water quality.
- Updated clean water plans (e.g., TMDLs and Water Quality Management Plans) through dedicated analytical capacity.
- Increased coordination between DEQ and other partners funding improvement projects.

Overall, investment in this proposal supports successful reintroduction of salmon and steelhead into the Klamath Basin. Fish populations will be monitored from the outset of dam removal. Within three to five years, Oregonians will better understand how fish are using habitat in the Klamath, thus enabling even more targeted and strategic actions on the ground.

WATER QUALITY

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
<i>These positions phase in on October 1, 2019:</i>			
NRS3	1 PF	3545	0.88
NRS3	1 PF	3547	0.88
<i>This position phases in on January 1, 2020:</i>			
NRS2	1 PF	3546	0.75
Total	3		2.51

REVENUE SOURCE	
General Fund	640,412
Other Funds	—
Federal Funds	—
Total Limitation	640,412

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS3	1 PF	3545	1.0
NRS3	1 PF	3547	1.0
NRS2	1 PF	3546	1.0
Total	3		3.0

REVENUE SOURCE	
General Fund	759,290
Other Funds	—
Federal Funds	—
Total Limitation	759,290

WATER QUALITY

POLICY OPTION PACKAGE 127 NARRATIVE

TITLE: WATER QUALITY PERMIT PROGRAM
IMPROVEMENTS (#127)
PRIORITY RANK - GENERAL FUND: 1

Note: The Governor's Recommended Budget modifies the proposal submitted in DEQ's Agency Request Budget by eliminating revenue in Other Funds. Fee increases in Other Funds is pending.

Purpose: This package will improve DEQ's regulation of wastewater and stormwater discharges, including improved permit timeliness and quality.

Background

DEQ has long struggled with a large backlog of expired wastewater permits and related program deficiencies. This led the 2015 Oregon Legislative Assembly to direct DEQ to hire an independent consultant to review and make recommendations on how to improve NPDES permit quality and timeliness. This evaluation culminated in November 2016 with recommendations and a proposed implementation plan. The recommendations included short-term and long-term solutions and addressed concerns such as compliance with new updated water quality standards, delays in the permit planning process and on-going program sustainability related to staff knowledge, skills and abilities. The consultant examined DEQ resource needs and workload management practices and identified areas for improvement. Recommendations were grounded in staff and stakeholder input, known best practices and established performance benchmarks.

To implement the recommendations, DEQ has dedicated a significant amount of existing resources to develop and improve NPDES individual permit writing tools and systems to make the process more consistent and efficient. These investments will have long-term payoff relative to program performance, although in the short term they have the effect of diverting resources away from compliance activities, responding to complaints and work on other types of permits.

Although DEQ has made significant progress implementing a number of the recommendations—such as better defining the permit development

process, improving the acquisition and use of data needed for individual NPDES permit development, evaluating the “readiness” of all individual NPDES permits statewide, and shifting workload to establish NPDES permit development as a priority—significant work remains to build a strong program foundation to support the sustainable and timely production of high-quality permits.

Realistically, DEQ is on a five-to-ten year timeframe to reduce the backlog in NPDES permits to national norms and achieve its objective of consistently issuing quality permits. Moreover, DEQ cannot claim “Success!” in fulfilling its water quality permitting responsibilities simply by getting to the point where it is renewing individual NPDES permits on time. It further needs to ensure that water quality is, in fact, improving and that facilities are complying with their permits. This involves regularly reviewing discharge monitoring reports, inspecting facilities, and where appropriate, communicating early with facilities to correct issues.

NPDES permitted facilities also need to comply with federal electronic reporting (e-reporting) requirements. Currently, 69 major and only 22 minor NPDES permitted facilities are reporting their discharge reports electronically. Two hundred thirty-three minor and 3,097 general permit holders are not yet reporting electronically. Water Quality staff are working with minor permit holders to provide assistance with permit setups, registration and testing of the electronic reporting platform. This is an important and substantial workload, as many permit holders do not have systems to collect and report this data electronically to EPA, and likely cannot comply with federal requirements without DEQ's assistance. Permittees that are not meeting the federal reporting requirements will be considered to be in non-compliance status by EPA.

Finally, some stakeholders have voiced concerns about a perceived reduction in stakeholder engagement in budgetary, rulemaking and policy development in the Water Quality Program. DEQ takes this concern very seriously and is committed to addressing these concerns. DEQ's ability to effectively and genuinely engage stakeholders depends on robust program leadership. The Deputy Water Quality Administrator position requested in POP #170 creates the capacity needed to deliver on improved stakeholder engagement.

WATER QUALITY

How Achieved

Approval of this policy package will provide the resources to ensure timely issuance of quality permits, compliance with permit conditions, compliance with federal e-reporting requirements, improved availability of permit and program information to the public, and improved opportunities for stakeholder engagement.

NPDES and WPCF General Permit Development

General permits are an efficient approach for regulating groups of dischargers that have similar characteristics, such as discharges from drinking water treatment facilities, food processing operations, and fish hatcheries. DEQ currently has 23 non-stormwater general permits covering over 1,400 permit registrants. Presently, 17 permits are out of date and consequently new facilities aren't eligible to obtain permit coverage, hampering economic development. Because these permits are statewide and require consideration of complex policy implications, they typically take a small team of staff and roughly 12-24 months to renew. DEQ currently has one FTE dedicated to renewing non-stormwater general permits and has been unable to reduce this particular backlog.

This package will phase-in three new general permit development positions (0.5, 0.5 and 0.75 FTE) so that DEQ is able to renew approximately two to three general permits per year.

NPDES Individual Permit Development

DEQ manages 348 individual NPDES permits that under federal law must be renewed every five years. Currently, approximately 80 percent of these permits are overdue for renewal. While facilities can continue to be covered by overdue permits, the permits can't be revised to accommodate such things as changes to facilities. In addition, overdue permits do not include terms to meet any changes in water quality standards. Up-to-date permits are needed to ensure that expired permits do not stymie capital improvements or economic development, and to continue improving water quality. DEQ must be able to achieve a pace of issuing approximately 70 permits per year to ensure permits stay current. DEQ currently has eight dedicated permit writers working on these permits, but workload estimates indicate this is insufficient to achieve DEQ's permit issuance target.

This package will phase-in four new NPDES permit writer positions (0.5, 0.5, 0.5 and 0.75 FTE) to develop new permits and support renewals. This will support economic development projects and facility upgrades that are constrained by the current pace of permitting.

Program Improvement Project Management

This package will maintain a project manager position (1.0 FTE) that supports the water quality permitting program's continuous improvement activities, including integrating permit processes with water quality standards, assessments and TMDLs. This position will also facilitate coordination with external stakeholders regarding these processes and program integration.

Permit Coordination

Permit Coordinators provide essential customer service to permit applicants and are integral to achieving a streamlined permit application process. These positions review applications for completeness, coordinate public notice, ensure proper records management, and are the day-to-day key contacts for permittees, applicants and permit writers regarding the status of all aspects of all individual and general permit applications and renewals. These positions ensure DEQ's processes and information needs are clearly communicated and key information and documents are available to the public.

This package would phase-in one new permit coordinator position (0.88 FTE) and increase an existing half time position to full time (0.5 FTE), ensuring more timely, effective and streamlined support for the permit application and renewal processes.

Permit Data Analyst

DEQ's permit program evaluation and the resulting improvement efforts identified the need for additional support to ensure permit writers have timely, relevant and high quality data in a usable format. This will result in increased efficiency in permit development, as well as improved data transparency and quality.

This package would phase-in one position (0.5 FTE) to ensure permits are consistently developed using high quality data from relevant and reliable data sources. The position will support electronic data

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submission to DEQ, ensuring the data is of sufficient quantity and quality for permit development.

NPDES and WPCF Compliance Assurance

In addition to permit inspections, permit compliance is evaluated on self-reported data and periodic reports. Reviewing monthly Discharge Monitoring Reports, annual reports, and other permit-required information from permit holders is key to identifying potential compliance issues and providing early communication to the permittee to correct. Current resourcing levels result in delayed review, which delays feedback to the permittee and can result in environmental harm.

This package would phase-in three regional compliance assurance positions (0.75, 0.5 and 0.5 FTE). These additional staff would allow a more timely and regular compliance inspection schedule of every other year inspections, desk audits and better assistance to permit holders to track and help address compliance and violation issues proactively.

NPDES and WPCF Permit Inspections

Timely and regular inspections of permitted facilities ensure that operators learn about potential compliance issues and have opportunities to correct violations. When conducted at regular intervals, inspections can limit or prevent environmental harm by identifying and correcting actions that cause pollution. DEQ must do a set number of inspections per year as part of its delegation agreement with EPA. DEQ needs resources to do more inspections to assure permit compliance for the greatest number of permit holders. These additional staff would allow a more timely and regular compliance inspection schedule of every other year inspections, desk audits and better assistance to permit holders to track and help address compliance and violation issues proactively.

This package would phase-in three regional inspector positions (all 0.75 FTE), which DEQ estimates would be adequate to meet target inspection rates.

Stormwater General Permits

DEQ has six general permits for industrial and construction stormwater discharges: the 1200-Z Industrial Stormwater General permit; 1200-A Industrial Stormwater General Permit for mining sites; WPCF-1000 for Sand, gravel and other non-metallic mineral quarrying and mining operations that do not discharge to surface waters; 1200-C Construction

Stormwater General Permit; 1200-CA Construction Stormwater General permit for government entities; and the 1200-CN Construction permit for local governments with “qualified local programs.” The stormwater program has an ongoing need to renew permits based upon evaluation of water quality data and technical information to determine the appropriate benchmarks, permit limits and conditions based on the quality of the waters being discharged. DEQ is unable to manage this workload with two FTE currently dedicated to this work.

This package would phase-in one new position (0.88 FTE) to do technical and stakeholder engagement work associated with general permit renewals. Specifically, this position will be directly responsible for analyzing water quality data associated with stormwater discharges, communicating the results of the data analyses with stakeholders as well as others at DEQ, and assisting with determining the appropriate benchmarks and permit requirements for all of the stormwater permit renewals.

Stormwater Permit Compliance and Complaint Response

As of July 2018, there are more than 2,000 entities registered to DEQ’s six stormwater general permits. Though DEQ has a number of “agents” that conduct inspections on its behalf in certain areas, DEQ is currently only able to inspect about 10% percent of the over 1,400 facilities it is responsible for a year, far short of our goal of inspecting each facility at least once per permit term (once every five years, or 20 percent per year). Inspections provide regulatory certainty to permit registrants, important information regarding overall compliance with the permits, and the ability to respond to complaints regarding runoff from construction sites in a timely way.

This package would phase-in three regional positions (0.88, 0.5 and 0.5 FTE) to ensure DEQ is able to achieve its inspection frequency goal and be able to respond to stormwater-related complaints. DEQ receives over 400 stormwater and pollution to waterways complaints from sites without permits each year.

Electronic Reporting

Federal e-reporting regulations require NPDES dischargers, regardless of size, to report compliance data electronically. Good management

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practices and other considerations require that Oregon’s WPCF permit holders and other regulated water dischargers also report electronically.

This package would phase-in one new permanent position (0.88 FTE) to provide ongoing assistance for e-reporting, including the new and reissued permit setup and tracking process and working with general permittees. It also phases-in two limited duration positions (both 0.88 FTE) to help with the heavy upfront workload for getting all general permits reporting their information through the electronic systems. These positions will augment the four new positions DEQ received in its 2017-19 LAB (POP 125) which are working on setting up new processes and procedures for permitted facilities and permit staff to move from paper compliance reporting to electronic reporting. The package also includes one limited duration position (0.88 FTE) to develop the unique policies and procedures that will be needed for e-reporting industrial stormwater permit data for the more than 800 permit registrants in Oregon.

These new positions will assist with setting up permitted sources for e-reporting, moving data from several different legacy systems, creating new processes and procedures and assisting permit holders learning to access and report to new e-reporting systems. With this package, DEQ has established attainable milestones to meet federal e-reporting compliance deadlines for individual minor permits by September 2019 and general permits by February 2022.

Program Management and Information Systems Support

As reflected above, DEQ’s water quality permitting program requires a significant influx of additional positions to fulfill its regulatory responsibilities and meet public expectations. Any substantial expansion in program staff will require a commensurate increase in management resources to comply with the target staff to management ratio of 11:1. In addition, the permitting program is currently funding approximately two FTE of ISS work beyond what it is budgeted for. These two FTE are supporting essential program services such as addressing Oregon’s data security standards and system maintenance and changes necessary to meet new federal regulations, new types of permits and the NPDES permitting improvement project.

This package would phase-in one new manager position (0.88 FTE) to ensure an adequate level of supervision and program leadership for the

growing permitting program. The location and reporting responsibilities for this position will be determined later in the budget process. This package would also phase-in one permanent ISS position and one limited duration ISS position (both 0.88) to ensure the program can afford the essential level of IT support. The limited duration position will phase-out at the end of the biennium; DEQ will reassess its needs during 2019-21 to determine whether it needs to request the additional position authority in its 2012-23 ARB.

If all of the fee funded portions of this package are approved, DEQ estimates a need for approximately \$2.4 million in new fee revenue in 2019-21. DEQ’s annual permit fee revenue baseline is approximately \$7 million. If a fee increase was implemented on July 1, 2020, a fee revenue increase of approximately 35% would generate the \$2.4 million in new fee revenue in the 2019-21 biennium. This fee increase would be in addition to the legislatively authorized increase for wastewater permitting fees of up to three percent per calendar year, and could be higher if the effective date is delayed.

Quantifying Results

DEQ will track and regularly report on several measures where performance improvements are expected to occur if this package is authorized. These include:

- Number of general permits renewed
- Percentage of individual wastewater permits issued within 270 days (DEQ Key Performance Measure #6)
- Percent of total wastewater permits that are current (DEQ Key Performance Measure #7)
- Percent of DMRs reviewed
- Percent of facilities inspected
- Reduction in amount of time it takes to issue permits

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 3	1 PF ¹	3528	0.50
NRS 3	1 PF ¹	3529	0.50
NRS 4	1 PF ²	3588	0.75
NRS 3	1 PF ¹	3530	0.50

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POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 3	1 PF ¹	3565	0.50
NRS 3	1 PF ¹	3566	0.50
NRS 4	1 PF ²	3567	0.75
PA 3	1 PF	3505	1.00
Admin Spec 1	0 PF ⁴	0809	0.50
Admin Spec 1	1 PF ³	3568	0.88
NRS 2	1 PF ¹	3569	0.50
NRS 2	1 PF ²	3570	0.75
NRS 2	1 PF ²	3571	0.75
NRS 2	1 PF ²	3572	0.75
NRS 1	1 PF ²	3573	0.75
NRS 1	1 PF ¹	3574	0.50
NRS 1	1 PF ¹	3575	0.50
Admin Spec 1	1 PF ³	3576	0.88
NRS 3	1 PF ³	3577	0.88
NRS 2	1 PF ³	3578	0.88
NRS 2	1 PF ¹	3579	0.50
NRS 3	1 PF ¹	3580	0.50
PEM E	1 PF ³	3581	0.88
ISS 6	1 PF ³	3582	0.88
Admin Spec 1	1 LF ³	3583	0.88
ISS 2	1 LF ³	3584	0.88
NRS 4	1 LF ³	3585	0.88
ISS 6	1 LF ³	3586	0.88
Total	27		19.8

¹ Phases in July 1, 2020.

² Phases in January 1, 2020.

³ Phases in October 1, 2019.

⁴ Existing position increased from permanent, part-time (0.50 FTE) to permanent, full-time in this package.

REVENUE SOURCE	
General Fund	2,876,498
Other Funds	1,700,764
Federal Funds	—
Total Limitation	4,577,262

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POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 3	1 PF	3528	1.0
NRS 3	1 PF	3529	1.0
NRS 4	1 PF	3588	1.0
NRS 3	1 PF	3530	1.0
NRS 3	1 PF	3565	1.0
NRS 3	1 PF	3566	1.0
NRS 4	1 PF	3567	1.0
PA 3	1 PF	3505	1.0
Admin Spec 1	0 PF ¹	0809	0.50
Admin Spec 1	1 PF	3568	1.0
NRS 2	1 PF	3569	1.0
NRS 2	1 PF	3570	1.0
NRS 2	1 PF	3571	1.0
NRS 2	1 PF	3572	1.0
NRS 1	1 PF	3573	1.0
NRS 1	1 PF	3574	1.0
NRS 1	1 PF	3575	1.0
Admin Spec 1	1 PF	3576	1.0
NRS 3	1 PF	3577	1.0
NRS 2	1 PF	3578	1.0
NRS 2	1 PF	3579	1.0
NRS 3	1 PF	3580	1.0
PEM E	1 PF	3581	1.0
ISS 6	1 PF	3582	1.0
Total	23		23.5

¹ Existing position increased from permanent, part-time (0.50 FTE) to permanent, full-time in this package.

REVENUE SOURCE	
General Fund	2,486,911
Other Funds	2,774,172
Federal Funds	—
Total Limitation	5,261,083

WATER QUALITY

POLICY OPTION PACKAGE 128 NARRATIVE

TITLE: IMPROVING WATER QUALITY OUTCOMES (#128)
PRIORITY RANK – GENERAL FUND: 14

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose

Build capacity to produce information used for prioritizing and guiding watershed restoration efforts.

Background

Oregon is investing millions of dollars in watershed restoration efforts to improve water quality and habitat. We need to ensure investments are resulting in the desired environmental benefits. The state is using cost-effective analytical tools and existing environmental information to identify areas where restoration investments will have the greatest environmental impact, and to evaluate the outcomes of those investments.

This POP will build capacity to apply these methods in additional watersheds. This information is used by other partners to assess current conditions, prioritize restoration and protection efforts and evaluate how environmental conditions are changing. This work builds upon and is guided by existing collaborations among DEQ, the Oregon Watershed Enhancement Board (OWEB), and the Oregon Department of Agriculture. DEQ also makes information available to the public.

Increasing the state's ability to use these analytical tools ensures that the substantial investments the state and many other partners are making in water quality, particularly on agricultural lands, will maximize environmental benefits.

How Achieved

This package provides the resources needed to:

- Systematically evaluate landscape and riparian conditions.
- Produce information for agencies, land managers and the public to guide water quality improvement efforts, including clean water plan (TMDL) implementation, and multi-agency efforts at the state and local level such as Strategic Investment Areas and the Conservation Effectiveness Partnerships.
- Establish a new manager position to provide leadership for this growing program area.
- Restore a position that evaluates TMDL implementation efforts related to nonpoint source pollution.

Results/Outcomes

If this package is funded, DEQ will:

- Produce water quality and landscape information that agencies and local partners can use to identify priorities for types and location of restoration projects, and to evaluate outcomes of those efforts.
- Share water quality and landscape information with the public and decision makers.
- Continue to collaborate with OWEB, ODA, ODF and ODFW to develop and refine data collection, analysis and reporting methods.
- Improve communication and engagement with stakeholders to inform policy development and approaches to program implementation.

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2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Restoration:			
NRS4 Nonpoint Source Program Coordinator	1 PF	1021	1.0
<i>Enhancement (these positions phase in October 1, 2019):</i>			
NRS 4	1 PF	3548	0.88
NRS 2	1 PF	3549	0.88
NRS 3	1 PF	3550	0.88
NRS 3	1 PF	3551	0.88
NRS 3	1 PF	3552	0.88
PEM E	1 PF	3553	0.88
Total	7		6.28

REVENUE SOURCE

General Fund	1,734,444
Other Funds	—
Federal Funds	—
Total Limitation	1,734,444

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Restoration:			
NRS4 Nonpoint Source Program Coordinator	1 PF	1021	1.0
<i>Enhancement (these positions phase in October 1, 2019):</i>			
NRS 4	1 PF	3548	1.0
NRS 2	1 PF	3549	1.0
NRS 3	1 PF	3550	1.0
NRS 3	1 PF	3551	1.0
NRS 3	1 PF	3552	1.0
PEM E	1 PF	3553	1.0
Total	7		7.0

REVENUE SOURCE

General Fund	1,920,899
Other Funds	—
Federal Funds	—
Total Limitation	1,920,899

WATER QUALITY

POLICY OPTION PACKAGE 129 NARRATIVE

TITLE: DEVELOPING AND IMPLEMENTING CLEAN WATER PLANS (#129)

PRIORITY RANK – GENERAL FUND: 5

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose

This package will increase DEQ's capacity to develop and issue clean water plans, and enable DEQ to establish monitoring stations that provide real-time water quality data to the public and decision-makers.

Background

When a waterbody does not meet water quality standards, federal law directs DEQ to determine the amount of pollution reduction that needs to occur to meet standards, and work with local partners to develop a plan to meet pollutant reduction targets (TMDLs). DEQ then works with local entities to ensure that water quality plans are implemented and are effective.

There are multiple basins that still require TMDLs for multiple pollutants of concern. Of the assessments conducted for the Integrated Report (over 19,000 stream segments), roughly 10% identified a need for TMDL development. There can be negative economic impacts where TMDLs have not been issued. In particular, NPDES permits are delayed when a required TMDL has not been developed for a watershed. This can cause delays in treatment plant and factory upgrades and may dissuade businesses from operating in an area. However, watersheds with TMDLs have experienced significant economic development due to the added certainty the TMDL provides.

Multiple litigation proceedings are underway that will likely influence DEQ TMDL development activities. Associated court rulings or settlements may require substantial TMDL revisions to be completed under aggressive timelines, for multiple basins. DEQ anticipates that these outcomes will add a substantial workload to an already limited TMDL staff.

DEQ's ability to develop TMDLs and effectively implement its water quality assessment and permitting responsibilities is directly influenced by the quality and quantity of available water quality data. DEQ has traditionally relied largely on "grab sample" data. Grab samples reflect a snapshot of the conditions at a monitoring location at one point in time. Grab sample data is of limited value for parameters such as water temperature, dissolved oxygen, harmful algae and other parameters that can vary significantly throughout the course of a day, season, or during changing weather conditions. For some pollutants, grab sample data may not be appropriate for determining whether water quality standards are being met.

An evolving and increasingly affordable monitoring technology known as "data sondes" makes it possible to provide real-time data to the public and decision-makers. Data sondes have sensors for collecting data on multiple parameters, and have wireless technology that supports real-time access to the data. This type of data is valuable for water quality parameters that fluctuate daily, such as dissolved oxygen, pH, and temperature. DEQ intends to consult with other agencies currently collecting complementary data at fixed monitoring sites (e.g., flow gauging stations operated by Water Resources Department or USGS) to identify strategic locations to begin build-out of a statewide network to support programmatic needs, such as water quality assessments and TMDL development.

How Achieved

Approval of this policy package would phase-in three new positions to develop and issue TMDLs. It would also phase-in two new laboratory positions to initiate planning for a statewide network of monitoring stations and to set up and maintain equipment on two stations. The package includes one-time funding to purchase data management software. DEQ expects to seek additional funding in future biennia to further build-out the monitoring network.

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Results/Outcomes

If this package is funded, DEQ expects to increase its rate of TMDL issuance by an average of one basin TMDL every three years. DEQ will also establish and maintain two permanent monitoring stations and have a strategic plan for building-out a statewide network if future funding is available to support the effort.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
<i>These positions phase in October 1, 2019:</i>			
NRS 4	1 PF	3554	0.88
NRS 4	1 PF	3555	0.88
NRS 2	1 PF	3556	0.88
NRS 3	1 PF	3557	0.88
<i>This position phases in July 1, 2020:</i>			
NRS 2	1 PF	3558	0.50
Total	5		4.02

REVENUE SOURCE	
General Fund	1,202,728
Other Funds	—
Federal Funds	—
Total Limitation	1,202,728

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS 4	1 PF	3554	1.0
NRS 4	1 PF	3555	1.0
NRS 2	1 PF	3556	1.0
NRS 3	1 PF	3557	1.0
NRS 2	1 PF	3558	1.0
Total	5		5.0

REVENUE SOURCE	
General Fund	1,373,993
Other Funds	—
Federal Funds	—
Total Limitation	1,373,993

WATER QUALITY

POLICY OPTION PACKAGE 160 NARRATIVE

TITLE: ONSITE SEPTIC SYSTEM LOAN PROGRAM (#160)
PRIORITY RANK – GENERAL FUND: 18

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose: This package provides an additional \$2 million in funding for an established loan program created by the 2016 Legislature. The program is designed to provide low interest loans for repairing and replacing onsite septic systems, particularly for lower-income households.

Background

Over 30 percent of Oregonians rely on septic systems to treat wastewater. Properly functioning septic systems treat sewage to avoid groundwater and surface water pollution. A malfunctioning system can be a public health hazard, polluting Oregon's rivers and groundwater.

Fixing or replacing a septic system may cost \$10,000 to \$20,000, which is often unaffordable for lower-income households, especially those that cannot qualify for traditional financing. The Oregon legislature addressed this issue by passing Senate Bill 1563 in 2016, which directed DEQ to establish a loan program to help finance septic system repairs, replacements or upgrades. The bill included an appropriation of \$250,000 for program development and initial capitalization of the loan fund. Following a competitive bid process, DEQ entered into a grant agreement in September 2016 with Craft3, a nonprofit community development financial institution specializing in loans that strengthen the economy, communities and the environment. Craft3 has years of experience with a Washington onsite loan program, and was able to launch the Oregon program within days of the grant award.

The early success of the program led the Oregon Legislature to authorize another \$1.5 million for the program during the 2017 session. Craft3 was also able to leverage \$450,000 in private capital for the loan fund, bringing the total loan fund capitalization to over \$2.1 million.

As of June 30 2018, Craft3 has invested \$1.5 million in 77 projects serving borrowers in 25 counties and 51 cities. Forty-three percent of loans went to low-income borrowers (under 80 percent county AMI). Six of these projects involved decommissioning the septic system and connecting to sewer. Craft3 estimates these projects safely treat 9.5 million gallons of wastewater annually, protecting surface and groundwater quality and helping to stabilize housing options for lower income Oregonians.

Because monthly payments for more than 45 percent of the loans issued are fully- or partially-deferred (with 15-year terms), the loan repayments can eventually be "revolved" and used for additional loans, but it will take many years for funds to become available for re-deployment. To continue lending to those with need, additional infusions of loan capital are needed.

Craft3 estimates it has enough capital to meet loan demand until late 2018. Craft3 is currently pursuing additional capital from other sources, including collaborating with Oregon Watershed Enhancement Board to secure a \$2 million loan from DEQ's Clean Water State Revolving Fund loan program. This funding would provide much-needed matching capital to meet homeowner and small business loan demand. However, because this funding originates as a loan and needs to be repaid to DEQ, the CWSRF loan will not help to build up Craft3's revolving loan fund.

Craft3 expects future loan demand to increase to \$2 to \$3 million annually, based on its assessment of need, historic lending activity, and upcoming policy trends that may drive new applications (e.g. central Oregon sewer expansion, coastal water quality initiatives and groundwater management areas).

How Achieved

Package approval will help Craft3 meet septic system loan demand in Oregon for another year or two. Craft3 will continue to seek matching funds from other sources to further augment its loan capital, such as DEQ's CWSRF loan fund and private sources for a minimum 1:1 leverage ratio on state grant funds. DEQ would spend no more than five percent (\$100,000) to cover program administration during the biennium.

WATER QUALITY

Quantifying Results

If this package is approved and once Craft3 fulfils its obligation of matching the state’s investment at a ratio of 1:1, DEQ expects Craft3 to complete approximately 200 loans* for \$3.8M, resulting in 25 million gallons of wastewater treated per year that would have otherwise polluted local waterways.

*Based on Craft3’s loan experience in Oregon, this assumes an average loan amount of \$19,000 with 40 percent going to low income households.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE	
General Fund	2,000,000
Other Funds	—
Federal Funds	—
Total Limitation	2,000,000

This package requests \$1.9 million to fund loans, and \$100,000 to cover program administrative costs.

WATER QUALITY

POLICY OPTION PACKAGE 161 NARRATIVE

TITLE: IDENTIFY AND MEET WATER INFRASTRUCTURE NEEDS

(#161)

PRIORITY RANK – GENERAL FUND: 10

Purpose

Along with a companion package submitted by the Oregon Water Resources Department, this package will fund a comprehensive inventory of existing clean water infrastructure systems in Oregon, including wastewater, stormwater and drinking water systems (both built and natural). It also will fund initial work to develop a collaborative, long-term plan for identifying and prioritizing necessary investments and policy changes.

Background

Oregon needs to identify its existing water and wastewater infrastructure, including built and natural systems, as a basis for evaluating current and future needs. The state does not have a comprehensive inventory of these systems. In addition, Oregon needs to begin developing a collaborative approach to identifying water-related priorities over the long-term, much as we do for transportation. This work must include local governments, other agencies, tribes, and other interests in designing a lasting approach to prioritize Oregon's water resource needs over the next 100 years. Several recent surveys of water resource needs include:

- EPA completed its most recent Clean Water Needs Survey for Oregon in 2012, and estimated that the state's municipal wastewater and stormwater infrastructure needs are over \$3.88 billion.
- A 2016 League of Oregon Cities survey projected its member cities will need \$7.6 billion collectively to cover water and wastewater infrastructure over the next 20 years.
- In the 2017 Infrastructure Report Card for Oregon, American Society of Civil Engineers estimated Oregon's drinking water infrastructure needs at about \$5.6 billion and wastewater infrastructure needs at about \$3.89 billion.

These surveys indicate a substantial need for investment in water and wastewater infrastructure even in the short-term, but do not provide a thorough assessment of either short-term or long-term needs.

How Achieved

If this package is approved, DEQ and OWRD will contract with a consultant to:

- Assemble and synthesize a comprehensive inventory of the status and conditions of existing wastewater and stormwater systems.
- Collaborate with local governments, tribes, other state and federal agencies, and other partners to carry out a high-level assessment of current capital and operational needs, and analyze the costs and economic and health benefits of potential investments.

This package complements a proposal in the Water Resources Department Agency Request Budget (Package #107) that would assemble comparable information on Oregon's water supply infrastructure needs.

Quantifying Results

Oregon will be better informed and a more strategic and effective investor in projects with a statewide inventory of current water supply infrastructure, as future grant and loan investments will be prioritized and carried out with a more comprehensive baseline understanding of water infrastructure needs.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	250,000
Other Funds	—
Federal Funds	—
Total Limitation	250,000

This package requests \$250,000 for professional services.

WATER QUALITY

POLICY OPTION PACKAGE 162 NARRATIVE

TITLE: TECHNICAL ASSISTANCE FOR SMALL COMMUNITIES (#162)

PRIORITY RANK – GENERAL FUND: 19

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose:

This package will provide funding for technical assistance to small communities who need help with operating wastewater treatment facilities and complying with permit requirements.

Background

DEQ has historically provided significant technical support to wastewater facility operators (especially in small communities), such as advice on facility design and operation to comply with permit requirements and treatment plant operations. However, DEQ is not funded to provide this type of technical assistance, and doing so reduces the amount of time devoted to permit renewals, contributing to permit backlog and other water quality permit program deficiencies.

DEQ and municipal stakeholders agree that independent service providers could successfully provide these types of technical support instead of DEQ. Other state agencies have similar programs in place (e.g. Oregon Health Authority Drinking Water technical assistance services program; Department of Land Conservation Development technical assistance grants program). DEQ is working with stakeholders during 2018 to identify the appropriate design for a limited technical assistance program for these purposes.

How Achieved

This package would provide funding for a program offering independent technical assistance to small communities that need assistance with operating wastewater treatment facilities and identifying strategies to comply with permit requirements.

DEQ is currently working with stakeholders to identify the appropriate design and scope for the program. Elements under discussion include assistance eligibility criteria, types of services provided, and mechanisms for accessing services. Though still under consideration, DEQ anticipates issuing a request for proposals to contract with one or more technical assistance providers. The proposal would authorize DEQ to use up to \$20,000 for stakeholder engagement and procurement activities to establish the program, and no more than \$10,000 per biennium for ongoing program administration and marketing.

Quantifying Results

DEQ expects to have the program in place by spring 2020 and to be able to fully commit the funding available for technical assistance by the end of the biennium.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	250,000
Other Funds	—
Federal Funds	—
Total Limitation	250,000

This package requests \$250,000 for professional services.

WATER QUALITY

POLICY OPTION PACKAGE 163 NARRATIVE

TITLE: CWSRF LOAN MANAGEMENT SOFTWARE (#163)

PRIORITY RANKING – OTHER FUND: 12

Note: The Governor's Recommended Budget modifies (reduces) the proposal submitted in DEQ's Agency Request Budget to \$500,000. This will allow DEQ to work with OSCIO, contract with a business analyst and complete a software requirements analysis. After completion of the software requirements analysis phase, DEQ will evaluate the need to request additional funds to complete procurement of loan portfolio management software to meet program needs.

Purpose

This package seeks limitation for the procurement of off-the-shelf loan management software to replace DEQ's manual and outdated systems with a secure system that will increase efficiency, improve customer service and reduce risk for material errors.

Background

The Clean Water Act created the Clean Water State Revolving Fund loan program, which DEQ administers in Oregon. The primary sources of funds for this program are federal capitalization grants and repayments of principal and interest on existing loans. The CWSRF program assists local governments by providing low interest loans for wastewater and other clean water investments. DEQ issued its first CWSRF loan in 1991, and since then has loaned more than \$1.26 billion to 194 Oregon local government entities.

The CWSRF program currently manages 178 active loans and averages 10 to 15 new loans per year, with an overall value of approximately \$750 million at any given time. A loan portfolio of this size is challenging to manage, particularly with manual and outdated systems. A recent analysis performed by an independent contractor identified multiple risks and inefficiencies associated with these systems.

DEQ initiated a project in 2016 to explore procuring a secure loan management information system to meet the business needs and requirements of the CWSRF program. DEQ is currently working with

the State's Chief Information Office on the Stage Gate I submittal with a goal of completing this stage by October 2018.

How Achieved

This package would allow DEQ to procure an off-the-shelf software to meet the business needs and requirements of the CWSRF program. DEQ anticipates it will complete Stage Gate III and be ready to initiate procurement during the 2019-21 biennium. It is not clear at this time whether it will be feasible to complete the procurement process and associated tasks during the biennium. As a result, DEQ is requesting permanent expenditure limitation that will be phased out in a future biennium when the work is completed. The requested expenditure limitation is based upon DEQ's Stage Gate 1 analysis and an evaluation of other states' systems supporting CWSRF loan programs.

Quantifying Results

A modern and secure loan management information system will provide multiple benefits to DEQ and its loan customers, including but not limited to the following:

- Enhance the current CWSRF business procedures to improve efficiency, increase security and maintain the ability to pass external audits by producing repeatable business operations and procedures.
- Increase customer service by providing an easier way to do business and obtain information.
- Create the ability to demonstrate a link between dollars lent by the program and environmental gains achieved.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	
Other Funds	500,000
Federal Funds	—
Total Limitation	500,000

WATER QUALITY

This package in the Agency Request Budget requested permanent limitation of \$3,000,000 for Data Processing Software to procure and install a loan management software package, \$350,000 of IT Professional Services to retain a contractor to perform quality assurance activities on the software procurement, and \$300,000 of Data Processing to fund software maintenance agreements. The Governor's Recommended Budget recommends \$500,000 for Data Processing and IT Professional Services.

DEQ will phase out Data Processing Software and IT Professional Services limitation in a future biennium after the software procurement is complete.

Revenue Source: Other Fund (\$500,000 from existing SRF loan fees). Policy option package 182, a companion to this package, which requested to transfer \$3,350,000 out of the non-limited budget to support this package, is not recommended in the Governor's Recommended Budget.

WATER QUALITY

POLICY OPTION PACKAGE 164 NARRATIVE

TITLE: LABORATORY EQUIPMENT AND ASSET MANAGEMENT PLAN (#164)

PRIORITY RANK - GENERAL FUND: 9

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

Purpose:

This package increases the base amount of funds the DEQ laboratory receives to address ongoing needs to maintain and replace aging equipment. This increase allows the laboratory to replace equipment on a schedule optimized for full use of the equipment while advancing technology as work demands change. In addition, the package funds the costs of ongoing maintenance agreements through an increase in service and supplies.

Background

The DEQ laboratory has a significant amount of analytical equipment to assess air and water quality. The equipment is essential in providing data and information to understand Oregon's environment. As this equipment ages it becomes more expensive to maintain. The current base budget for capital equipment is insufficient to replace equipment and remain in step with ongoing advancement in technology.

The laboratory requests new equipment to support work associated with specific DEQ policy option packages, however these requests do not include funding to replace existing equipment over time. In addition to the capital outlay, the laboratory has ongoing service and maintenance agreements on equipment. As equipment advances in age, servicing this equipment requires specialized knowledge and the agency must use manufacturer service agreements. For example, funding opportunities from the Department of Homeland Security over 12 years ago provided for the purchase of a \$350,000 liquid chromatograph/mass spectrometer analyzer. DEQ has used this equipment for a variety of critical monitoring needs, including screening for cyanotoxins from harmful algal blooms in waterbodies that serve as drinking water resources. Service agreements and other maintenance costs were not included with

the original appropriation and continue to increase as the equipment ages. There is no identified funding source to replace this or many other analytic tools critical to lab operations.

DEQ may need to replace some types of equipment as frequently as every 5 -10 years. However, even for more long-lasting equipment, the annual cost of maintenance increases with age and it is therefore important to replace equipment on an optimized schedule and to have adequate resources to act accordingly.

DEQ's current budget is insufficient to cover these costs and as a result, the agency is holding a position vacant to cover equipment-related expenses.

How Achieved

The agency would use the funding to follow a replacement schedule and to fund the service agreements on existing equipment. DEQ will review the replacement schedule every biennium and during the biennium as needed.

Results/Outcomes

If this package is funded, DEQ will be able to:

- Maintain laboratory analytical capacity and meet necessary equipment upgrades in a timely manner.
- Support existing sampling and analytical work contributing to a variety of program areas.
- Allow DEQ to more closely align its WQ staffing with legislatively approved levels.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	550,000
Other Funds	—
Federal Funds	—
Total Limitation	550,000

WATER QUALITY

This package requests permanent limitation of \$350,000 for Technical Equipment and \$200,000 for Agency Program Related Services and Supplies to pay for equipment maintenance agreements.

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 170 NARRATIVE

TITLE: DEQ REORGANIZATION TO IMPROVE AGENCY OUTCOMES
PRIORITY RANK – GENERAL FUND: 6

Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.

PURPOSE

Add three key positions to implement restructuring of DEQ's programs and divisions, designed to significantly improve agency decision-making and transparency.

HOW ACHIEVED

Over the past year, DEQ has restructured the agency to better support core programs and functions in the air, land and water divisions. DEQ designed this reorganization to dramatically improve the agency's ability to address permit backlogs, strengthen coordination between statewide and regional programs, and respond to urgent environmental challenges. To accomplish this work, the agency requests legislative approval of three key positions in its leadership structure.

Implementation Administrator. This new position links policy development and performance management in the agency's headquarters with implementation activities in DEQ's Eastern Region, Western Region, Northwest Region and the Office of Compliance and Enforcement. The most important function of this position is to ensure that performance expectations for core agency work are being met. Other key responsibilities of the position include the following:

- Ensure strong connection and communication between the agency's headquarters functions and its regional offices.
- Serve as the point person representing regional managers and staff in policy-making work at DEQ headquarters – to help ensure that policy and program development results are implementable within available resources.

- Manage the performance of the agency in its core regulatory roles of permitting and compliance.
- Resolve questions and conflicts over resource allocation among the regions where necessary to meet agency goals and priorities.
- Ensure regional delivery of air, water and land priority work such as issuing permits to eliminate NPDES and air quality permit backlogs.

Water Quality Deputy Administrator. Oregon's Water Quality Division faces significant challenges. Agency leadership is determined to address the longstanding backlog in water quality permits, and to implement protective water quality standards while also working with the regulated community to achieve those standards in a practical and reasonable fashion. The combination of significant policy development and process implementation efforts needed to set Oregon's clean water future on a stable and sustainable path demands having both a Water Quality Administrator (who is focusing on process efficiencies and implementation), and a Deputy Water Quality Administrator focusing on water quality standards and the development of the regulatory tools needed to implement them.

Administering Oregon's water quality program is extraordinarily challenging in terms of addressing significant environmental issues and navigating complex state and federal regulations, frequent litigation, and addressing significant programmatic challenges, such as the NPDES permit backlog. DEQ needs the Deputy Administrator to provide an adequate level of resource/leadership to the Water Quality Program to address these needs and achieve the Agency's objectives. This position supervises managers and day-to-day work of two sections – the Watershed Management section and Water Quality Standards and Assessments section, which includes DEQ's Total Maximum Daily Load program, Nonpoint Source Program, Drinking Water Source Water Protection program, Water Quality Standards, and Water Quality Assessments. This position is also responsible for leading work of these

AGENCY MANAGEMENT

sections and, along with the Water Quality Administrator, providing overall leadership for the Water Quality Program.

Policy and External Affairs Manager. This position oversees policy and budget development, legislative and external relations between the agency and its partners, and internal and external communications, ensuring the agency is engaging effectively with stakeholders, legislators, businesses and other interested parties. This position oversees five program areas and approximately 16 positions. This position has the lead responsibility for liaison work with the Legislature, the Environmental Quality Commission, coordination with the Governor's Office and other state agencies to develop legislative concepts, budget proposals and respond to constituent concerns.

2019-21 STAFFING IMPACT

PROGRAM & DCR		AQ	WQ	LQ	AM	TOTAL	
POSITION	POS. #	001-12	002-23	003-32	004-41	FTE	
PEM G	Implementation Administrator	3500	0.34	0.33	0.33	1.00	
PEM F	Policy & External Affairs Mgr	3502			1.00	1.00	
PEM F	WQ Administrator	3504		1.00		1.00	
Total			0.34	1.33	0.33	1.00	3.00

REVENUE SOURCE

PROGRAM	AQ	WQ	LQ	AM	Total
DCR	001-12	002-23	003-32	004-41	Total
GENERAL	169,615	621,631	169,524		960,770
OTHER	-	-	-	377,967	377,967
Total	169,615	621,631	169,524	377,967	1,338,737

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

**Environmental Quality, Dept of
2019-21 Biennium**

**Agency Number: 34000
Cross Reference Number: 34000-002-00-00-00000**

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Lottery Funds						
Transfer In Lottery Proceeds	-	-	-	10,201	-	-
Tsfr From Watershed Enhance Bd	4,088,464	4,610,577	4,732,711	5,322,214	5,322,214	-
Total Lottery Funds	\$4,088,464	\$4,610,577	\$4,732,711	\$5,332,415	\$5,322,214	-
Other Funds						
Business Lic and Fees	14,516,923	16,016,650	16,016,650	20,038,158	16,752,985	-
Non-business Lic. and Fees	4,002,199	4,676,813	4,676,813	5,365,646	5,181,646	-
Charges for Services	3,346,176	3,822,499	3,822,499	4,972,778	4,972,778	-
Interest Income	62,052	-	-	-	-	-
Other Revenues	1,361,114	125,000	125,000	345,000	345,000	-
Transfer In - Intrafund	-	-	-	3,350,000	-	-
Transfer In Other	-	-	-	321,096	41,278	-
Tsfr From Oregon Health Authority	1,412,062	1,855,116	1,529,964	1,669,749	1,669,749	-
Tsfr From Agriculture, Dept of	1,075,064	1,107,872	1,107,872	1,160,793	1,160,793	-
Tsfr From Geology/Mineral Ind	502	7,500	7,500	7,500	7,500	-
Tsfr From Water Resources Dept	722,335	681,921	681,921	714,000	714,000	-
Tsfr From Watershed Enhance Bd	47,495	-	-	-	-	-
Tsfr From Transportation, Dept	-	223,370	223,370	21,960	21,960	-
Transfer Out - Intrafund	(565,511)	(131,557)	(131,557)	(144,505)	(144,505)	-
Transfer Out - Indirect Cost	(3,329,806)	(3,830,794)	(3,914,796)	(5,220,107)	(4,733,027)	-
Tsfr To Geology/Mineral Ind	(258,682)	(259,000)	(259,000)	(259,000)	(259,000)	-
Total Other Funds	\$22,391,923	\$24,295,390	\$23,886,236	\$32,343,068	\$25,731,157	-
Federal Funds						
Federal Funds	10,562,702	12,898,748	13,282,054	13,213,404	13,213,404	-

Agency Request
2019-21 Biennium

Governor's
Budget Page _____

Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

Environmental Quality, Dept of
2019-21 Biennium

Agency Number: 34000

Cross Reference Number: 34000-002-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Federal Funds						
Transfer Out - Indirect Cost	(1,324,861)	(1,335,105)	(1,399,387)	(1,558,061)	(1,558,061)	-
Total Federal Funds	\$9,237,841	\$11,563,643	\$11,882,667	\$11,655,343	\$11,655,343	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	446,057	-	-	-	-	-	446,057
Federal Funds	-	-	-	4,751	-	-	4,751
Tsfr From Watershed Enhance Bd	-	-	-	-	-	-	-
Total Revenues	\$446,057	-	-	\$4,751	-	-	\$450,808
Transfers Out							
Transfer Out - Intrafund	-	-	-	-	-	-	-
Transfer Out - Indirect Cost	-	-	(123,500)	(47,381)	-	-	(170,881)
Total Transfers Out	-	-	(\$123,500)	(\$47,381)	-	-	(\$170,881)
Personal Services							
Temporary Appointments	478	-	12,275	794	-	-	13,547
Overtime Payments	298	-	868	-	-	-	1,166
Public Employees' Retire Cont	51	-	147	-	-	-	198
Pension Obligation Bond	41,878	17,811	69,980	13,735	-	-	143,404
Social Security Taxes	60	-	1,006	61	-	-	1,127
Unemployment Assessments	-	-	33	-	-	-	33
Mass Transit Tax	5,473	1,995	9,206	-	-	-	16,674
Vacancy Savings	397,819	65,688	477,764	203,766	-	-	1,145,037
Total Personal Services	\$446,057	\$85,494	\$571,279	\$218,356	-	-	\$1,321,186

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Expenditures							
Total Expenditures	446,057	85,494	571,279	218,356	-	-	1,321,186
Total Expenditures	\$446,057	\$85,494	\$571,279	\$218,356	-	-	\$1,321,186
Ending Balance							
Ending Balance	-	(85,494)	(694,779)	(260,986)	-	-	(1,041,259)
Total Ending Balance	-	(\$85,494)	(\$694,779)	(\$260,986)	-	-	(\$1,041,259)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 021 - Phase - In**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Tsfr From Watershed Enhance Bd	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-

Services & Supplies

Instate Travel	-	1,267	922	-	-	-	2,189
Out of State Travel	-	151	108	-	-	-	259
Employee Training	-	1,376	1,002	-	-	-	2,378
Office Expenses	-	2,019	1,468	-	-	-	3,487
Telecommunications	-	2,399	1,746	-	-	-	4,145
Data Processing	-	685	498	-	-	-	1,183
Publicity and Publications	-	9	9	-	-	-	18
IT Professional Services	-	764	557	-	-	-	1,321
Attorney General	-	-	-	-	-	-	-
Dispute Resolution Services	-	38	27	-	-	-	65
Employee Recruitment and Develop	-	13	11	-	-	-	24
Dues and Subscriptions	-	66	50	-	-	-	116
Facilities Rental and Taxes	-	13,707	9,978	-	-	-	23,685
Fuels and Utilities	-	228	163	-	-	-	391
Facilities Maintenance	-	56	41	-	-	-	97
Agency Program Related S and S	-	85	61	-	-	-	146
Intra-agency Charges	-	37,880	-	-	-	-	37,880
Other Services and Supplies	-	8,948	6,516	-	-	-	15,464
Expendable Prop 250 - 5000	-	458	333	-	-	-	791

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 021 - Phase - In

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
IT Expendable Property	-	996	723	-	-	-	1,719
Total Services & Supplies	-	\$71,145	\$24,213	-	-	-	\$95,358
Total Expenditures							
Total Expenditures	-	71,145	24,213	-	-	-	95,358
Total Expenditures	-	\$71,145	\$24,213	-	-	-	\$95,358
Ending Balance							
Ending Balance	-	(71,145)	(24,213)	-	-	-	(95,358)
Total Ending Balance	-	(\$71,145)	(\$24,213)	-	-	-	(\$95,358)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(1,500,000)	-	-	-	-	-	(1,500,000)
Total Revenues	(\$1,500,000)	-	-	-	-	-	(\$1,500,000)

Services & Supplies

Instate Travel	-	-	(1,114)	-	-	-	(1,114)
Out of State Travel	-	-	(132)	-	-	-	(132)
Employee Training	-	-	(1,211)	-	-	-	(1,211)
Office Expenses	-	-	(1,775)	-	-	-	(1,775)
Telecommunications	-	-	(2,109)	-	-	-	(2,109)
Data Processing	-	-	(603)	-	-	-	(603)
Publicity and Publications	-	-	(9)	-	-	-	(9)
IT Professional Services	-	-	(673)	-	-	-	(673)
Attorney General	-	-	(7,400)	-	-	-	(7,400)
Dispute Resolution Services	-	-	(32)	-	-	-	(32)
Employee Recruitment and Develop	-	-	(12)	-	-	-	(12)
Dues and Subscriptions	-	-	(58)	-	-	-	(58)
Facilities Rental and Taxes	-	-	(12,054)	-	-	-	(12,054)
Fuels and Utilities	-	-	(199)	-	-	-	(199)
Facilities Maintenance	-	-	(50)	-	-	-	(50)
Agency Program Related S and S	-	-	(73)	-	-	-	(73)
Other Services and Supplies	(200,000)	-	(7,867)	-	-	-	(207,867)
Expendable Prop 250 - 5000	-	-	(404)	-	-	-	(404)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
IT Expendable Property	-	-	(875)	-	-	-	(875)
Total Services & Supplies	(\$200,000)	-	(\$36,650)	-	-	-	(\$236,650)
Special Payments							
Loans Made - Other	(1,300,000)	-	-	-	-	-	(1,300,000)
Total Special Payments	(\$1,300,000)	-	-	-	-	-	(\$1,300,000)
Total Expenditures							
Total Expenditures	(1,500,000)	-	(36,650)	-	-	-	(1,536,650)
Total Expenditures	(\$1,500,000)	-	(\$36,650)	-	-	-	(\$1,536,650)
Ending Balance							
Ending Balance	-	-	36,650	-	-	-	36,650
Total Ending Balance	-	-	\$36,650	-	-	-	\$36,650

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 031 - Standard Inflation**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	256,251	-	-	-	-	-	256,251
Federal Funds	-	-	-	10,450	-	-	10,450
Tsfr From Watershed Enhance Bd	-	-	-	-	-	-	-
Total Revenues	\$256,251	-	-	\$10,450	-	-	\$266,701
Transfers Out							
Transfer Out - Intrafund	-	-	(5,833)	-	-	-	(5,833)
Total Transfers Out	-	-	(\$5,833)	-	-	-	(\$5,833)
Services & Supplies							
Instate Travel	3,219	783	5,710	3,366	-	-	13,078
Out of State Travel	232	87	898	95	-	-	1,312
Employee Training	2,711	934	5,101	1,337	-	-	10,083
Office Expenses	3,823	1,011	6,348	1,445	-	-	12,627
Telecommunications	4,420	1,304	9,973	2,979	-	-	18,676
Data Processing	1,274	572	1,886	261	-	-	3,993
Publicity and Publications	4	1	11	-	-	-	16
Professional Services	884	2,562	280	12,098	-	-	15,824
IT Professional Services	9,497	110	4,808	6,561	-	-	20,976
Attorney General	64,071	16,134	94,495	8,389	-	-	183,089
Dispute Resolution Services	11	5	12	-	-	-	28
Employee Recruitment and Develop	31	19	44	23	-	-	117
Dues and Subscriptions	50	27	63	25	-	-	165
Facilities Rental and Taxes	19,703	3,986	60,300	23,118	-	-	107,107

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Fuels and Utilities	412	247	737	311	-	-	1,707
Facilities Maintenance	64	37	114	48	-	-	263
Agency Program Related S and S	3,330	214	1,675	6,705	-	-	11,924
Intra-agency Charges	113,891	25,173	-	-	-	-	139,064
Other Services and Supplies	16,306	7,348	33,449	26,622	-	-	83,725
Expendable Prop 250 - 5000	2,663	1,323	3,640	564	-	-	8,190
IT Expendable Property	2,748	644	2,172	525	-	-	6,089
Total Services & Supplies	\$249,344	\$62,521	\$231,716	\$94,472	-	-	\$638,053
Capital Outlay							
Technical Equipment	6,907	-	-	-	-	-	6,907
Data Processing Hardware	-	-	5,191	-	-	-	5,191
Total Capital Outlay	\$6,907	-	\$5,191	-	-	-	\$12,098
Special Payments							
Dist to Other Gov Unit	-	-	-	32,619	-	-	32,619
Dist to Non-Gov Units	-	-	-	42,361	-	-	42,361
Spc Pmt to Police, Dept of State	-	-	-	-	-	-	-
Total Special Payments	-	-	-	\$74,980	-	-	\$74,980
Total Expenditures							
Total Expenditures	256,251	62,521	236,907	169,452	-	-	725,131
Total Expenditures	\$256,251	\$62,521	\$236,907	\$169,452	-	-	\$725,131

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	(62,521)	(242,740)	(159,002)	-	-	(464,263)
Total Ending Balance	-	(\$62,521)	(\$242,740)	(\$159,002)	-	-	(\$464,263)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 033 - Exceptional Inflation

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	331,567	-	-	-	-	-	331,567
Tsfr From Watershed Enhance Bd	-	-	-	-	-	-	-
Total Revenues	\$331,567	-	-	-	-	-	\$331,567
Services & Supplies							
Intra-agency Charges	331,567	69,093	-	-	-	-	400,660
Total Services & Supplies	\$331,567	\$69,093	-	-	-	-	\$400,660
Total Expenditures							
Total Expenditures	331,567	69,093	-	-	-	-	400,660
Total Expenditures	\$331,567	\$69,093	-	-	-	-	\$400,660
Ending Balance							
Ending Balance	-	(69,093)	-	-	-	-	(69,093)
Total Ending Balance	-	(\$69,093)	-	-	-	-	(\$69,093)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 060 - Technical Adjustments**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

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**Environmental Quality, Dept of
Pkg: 070 - Revenue Shortfalls**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	50,606	121,387	-	-	171,993
Total Transfers Out	-	-	\$50,606	\$121,387	-	-	\$171,993
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	(158,040)	(363,888)	-	-	(521,928)
Empl. Rel. Bd. Assessments	-	-	(61)	(183)	-	-	(244)
Public Employees' Retire Cont	-	-	(26,819)	(61,752)	-	-	(88,571)
Social Security Taxes	-	-	(12,090)	(27,837)	-	-	(39,927)
Worker's Comp. Assess. (WCD)	-	-	(58)	(174)	-	-	(232)
Mass Transit Tax	-	-	(948)	-	-	-	(948)
Flexible Benefits	-	-	(35,184)	(105,552)	-	-	(140,736)
Reconciliation Adjustment	-	-	-	-	-	-	-
Total Personal Services	-	-	(\$233,200)	(\$559,386)	-	-	(\$792,586)
Services & Supplies							
Instate Travel	-	-	-	(8,849)	-	-	(8,849)
Out of State Travel	-	-	-	(127)	-	-	(127)
Employee Training	-	-	-	(3,001)	-	-	(3,001)
Office Expenses	-	-	-	(2,959)	-	-	(2,959)
Telecommunications	-	-	-	(8,463)	-	-	(8,463)
Data Processing	-	-	-	(620)	-	-	(620)
Professional Services	-	-	-	(66,007)	-	-	(66,007)
Employee Recruitment and Develop	-	-	-	(75)	-	-	(75)
Dues and Subscriptions	-	-	-	(79)	-	-	(79)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 070 - Revenue Shortfalls

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Facilities Rental and Taxes	-	-	-	(13,570)	-	-	(13,570)
Fuels and Utilities	-	-	-	(994)	-	-	(994)
Facilities Maintenance	-	-	-	(148)	-	-	(148)
Agency Program Related S and S	-	-	-	(63)	-	-	(63)
Other Services and Supplies	-	-	-	(6,706)	-	-	(6,706)
Expendable Prop 250 - 5000	-	-	-	(2,121)	-	-	(2,121)
IT Expendable Property	-	-	-	(213)	-	-	(213)
Total Services & Supplies	-	-	-	(\$113,995)	-	-	(\$113,995)
Total Expenditures							
Total Expenditures	-	-	(233,200)	(673,381)	-	-	(906,581)
Total Expenditures	-	-	(\$233,200)	(\$673,381)	-	-	(\$906,581)
Ending Balance							
Ending Balance	-	-	283,806	794,768	-	-	1,078,574
Total Ending Balance	-	-	\$283,806	\$794,768	-	-	\$1,078,574
Total Positions							
Total Positions	-	-	-	-	-	-	(4)
Total Positions	-	-	-	-	-	-	(4)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 070 - Revenue Shortfalls

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							(4.00)
Total FTE	-	-	-	-	-	-	(4.00)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(1,924,979)	-	-	-	-	-	(1,924,979)
Tsfr From Watershed Enhance Bd	-	-	-	-	-	-	-
Total Revenues	(\$1,924,979)	-	-	-	-	-	(\$1,924,979)
Personal Services							
Class/Unclass Sal. and Per Diem	(954,120)	-	-	-	-	-	(954,120)
Empl. Rel. Bd. Assessments	(366)	-	-	-	-	-	(366)
Public Employees' Retire Cont	(161,914)	-	-	-	-	-	(161,914)
Social Security Taxes	(72,989)	-	-	-	-	-	(72,989)
Worker's Comp. Assess. (WCD)	(348)	-	-	-	-	-	(348)
Mass Transit Tax	(5,726)	-	-	-	-	-	(5,726)
Flexible Benefits	(211,104)	-	-	-	-	-	(211,104)
Vacancy Savings	55,555	-	-	-	-	-	55,555
Total Personal Services	(\$1,351,012)	-	-	-	-	-	(\$1,351,012)
Services & Supplies							
Instate Travel	(1,293)	-	-	-	-	-	(1,293)
Out of State Travel	1,378	-	-	-	-	-	1,378
Employee Training	(2,711)	-	-	-	-	-	(2,711)
Office Expenses	(3,823)	-	-	-	-	-	(3,823)
State Gov. Service Charges	-	-	-	-	-	-	-
Publicity and Publications	(4)	-	-	-	-	-	(4)
Professional Services	(16,965)	(4,475)	-	-	-	-	(21,440)
IT Professional Services	(230,060)	-	-	-	-	-	(230,060)

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Employee Recruitment and Develop	(31)	-	-	-	-	-	(31)
Dues and Subscriptions	(50)	-	-	-	-	-	(50)
Fuels and Utilities	(412)	-	-	-	-	-	(412)
Facilities Maintenance	(64)	-	-	-	-	-	(64)
Agency Program Related S and S	(3,330)	-	-	-	-	-	(3,330)
Intra-agency Charges	(253,786)	-	-	-	-	-	(253,786)
Other Services and Supplies	(57,405)	-	-	-	-	-	(57,405)
Expendable Prop 250 - 5000	(2,663)	-	-	-	-	-	(2,663)
IT Expendable Property	(2,748)	-	-	-	-	-	(2,748)
Total Services & Supplies	(\$573,967)	(\$4,475)	-	-	-	-	(\$578,442)
Capital Outlay							
Technical Equipment	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	(1,924,979)	(4,475)	-	-	-	-	(1,929,454)
Total Expenditures	(\$1,924,979)	(\$4,475)	-	-	-	-	(\$1,929,454)
Ending Balance							
Ending Balance	-	4,475	-	-	-	-	4,475
Total Ending Balance	-	\$4,475	-	-	-	-	\$4,475

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							(6)
Total Positions	-	-	-	-	-	-	(6)
Total FTE							
Total FTE							(6.00)
Total FTE	-	-	-	-	-	-	(6.00)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 091 - Statewide Adjustment DAS Chgs

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(110,734)	-	-	-	-	-	(110,734)
Total Revenues	(\$110,734)	-	-	-	-	-	(\$110,734)
Services & Supplies							
Data Processing	-	-	(11,608)	-	-	-	(11,608)
Facilities Rental and Taxes	(110,734)	-	(19,262)	-	-	-	(129,996)
Other Services and Supplies	-	-	(21,710)	-	-	-	(21,710)
Total Services & Supplies	(\$110,734)	-	(\$52,580)	-	-	-	(\$163,314)
Total Expenditures							
Total Expenditures	(110,734)	-	(52,580)	-	-	-	(163,314)
Total Expenditures	(\$110,734)	-	(\$52,580)	-	-	-	(\$163,314)
Ending Balance							
Ending Balance	-	-	52,580	-	-	-	52,580
Total Ending Balance	-	-	\$52,580	-	-	-	\$52,580

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 092 - Statewide AG Adjustment

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(22,741)	-	-	-	-	-	(22,741)
Total Revenues	(\$22,741)	-	-	-	-	-	(\$22,741)
Services & Supplies							
Attorney General	(22,741)	(5,726)	(33,539)	(2,978)	-	-	(64,984)
Total Services & Supplies	(\$22,741)	(\$5,726)	(\$33,539)	(\$2,978)	-	-	(\$64,984)
Total Expenditures							
Total Expenditures	(22,741)	(5,726)	(33,539)	(2,978)	-	-	(64,984)
Total Expenditures	(\$22,741)	(\$5,726)	(\$33,539)	(\$2,978)	-	-	(\$64,984)
Ending Balance							
Ending Balance	-	5,726	33,539	2,978	-	-	42,243
Total Ending Balance	-	\$5,726	\$33,539	\$2,978	-	-	\$42,243

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 120 - Minimize Impacts from Urban & Hwy Stormwater

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Transfer In Other	-	-	-	-	-	-	-
Tsfr From Transportation, Dept	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 120 - Minimize Impacts from Urban & Hwy Stormwater

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 120 - Minimize Impacts from Urban & Hwy Stormwater

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 121 - Ensure Protective Onsite Septic Systems**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Business Lic and Fees	-	-	-	-	-	-	-
Non-business Lic. and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 121 - Ensure Protective Onsite Septic Systems**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 121 - Ensure Protective Onsite Septic Systems**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 122 - Setting and Implementing WQ Standards

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 122 - Setting and Implementing WQ Standards

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 122 - Setting and Implementing WQ Standards

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 123 - Harmful Algae Bloom Response and Assessment

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 123 - Harmful Algae Bloom Response and Assessment

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 123 - Harmful Algae Bloom Response and Assessment

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 124 - Integrated Water Resources Strategy

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 124 - Integrated Water Resources Strategy**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 124 - Integrated Water Resources Strategy

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 125 - Effectively Managing the CWSRF Loan Portfolio

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	(29,502)	-	-	-	(29,502)
Total Transfers Out	-	-	(\$29,502)	-	-	-	(\$29,502)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	82,727	-	-	-	82,727
Empl. Rel. Bd. Assessments	-	-	56	-	-	-	56
Public Employees' Retire Cont	-	-	14,039	-	-	-	14,039
Social Security Taxes	-	-	6,329	-	-	-	6,329
Worker's Comp. Assess. (WCD)	-	-	53	-	-	-	53
Mass Transit Tax	-	-	496	-	-	-	496
Flexible Benefits	-	-	32,252	-	-	-	32,252
Total Personal Services	-	-	\$135,952	-	-	-	\$135,952
Services & Supplies							
Instate Travel	-	-	1,274	-	-	-	1,274
Out of State Travel	-	-	150	-	-	-	150
Employee Training	-	-	1,384	-	-	-	1,384
Office Expenses	-	-	2,030	-	-	-	2,030
Telecommunications	-	-	2,411	-	-	-	2,411
Data Processing	-	-	689	-	-	-	689
Publicity and Publications	-	-	10	-	-	-	10
IT Professional Services	-	-	769	-	-	-	769
Dispute Resolution Services	-	-	37	-	-	-	37
Employee Recruitment and Develop	-	-	13	-	-	-	13

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 125 - Effectively Managing the CWSRF Loan Portfolio

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	67	-	-	-	67
Fuels and Utilities	-	-	227	-	-	-	227
Facilities Maintenance	-	-	57	-	-	-	57
Agency Program Related S and S	-	-	84	-	-	-	84
Other Services and Supplies	-	-	22,777	-	-	-	22,777
Expendable Prop 250 - 5000	-	-	461	-	-	-	461
IT Expendable Property	-	-	1,000	-	-	-	1,000
Total Services & Supplies	-	-	\$33,440	-	-	-	\$33,440
Total Expenditures							
Total Expenditures	-	-	169,392	-	-	-	169,392
Total Expenditures	-	-	\$169,392	-	-	-	\$169,392
Ending Balance							
Ending Balance	-	-	(198,894)	-	-	-	(198,894)
Total Ending Balance	-	-	(\$198,894)	-	-	-	(\$198,894)
Total Positions							
Total Positions	-	-	-	-	-	-	1
Total Positions	-	-	-	-	-	-	1

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 125 - Effectively Managing the CWSRF Loan Portfolio

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							0.88
Total FTE	-	-	-	-	-	-	0.88

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 126 - Klamath Basin Water Quality Improvements

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	640,412	-	-	-	-	-	640,412
Total Revenues	\$640,412	-	-	-	-	-	\$640,412
Personal Services							
Class/Unclass Sal. and Per Diem	273,288	-	-	-	-	-	273,288
Empl. Rel. Bd. Assessments	158	-	-	-	-	-	158
Public Employees' Retire Cont	46,377	-	-	-	-	-	46,377
Social Security Taxes	20,906	-	-	-	-	-	20,906
Worker's Comp. Assess. (WCD)	150	-	-	-	-	-	150
Mass Transit Tax	1,640	-	-	-	-	-	1,640
Flexible Benefits	90,892	-	-	-	-	-	90,892
Total Personal Services	\$433,411	-	-	-	-	-	\$433,411
Services & Supplies							
Instate Travel	4,304	-	-	-	-	-	4,304
Out of State Travel	508	-	-	-	-	-	508
Employee Training	4,675	-	-	-	-	-	4,675
Office Expenses	6,857	-	-	-	-	-	6,857
Telecommunications	8,143	-	-	-	-	-	8,143
Data Processing	2,327	-	-	-	-	-	2,327
Publicity and Publications	34	-	-	-	-	-	34
IT Professional Services	2,598	-	-	-	-	-	2,598
Dispute Resolution Services	125	-	-	-	-	-	125
Employee Recruitment and Develop	46	-	-	-	-	-	46

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 126 - Klamath Basin Water Quality Improvements**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	226	-	-	-	-	-	226
Fuels and Utilities	768	-	-	-	-	-	768
Facilities Maintenance	191	-	-	-	-	-	191
Agency Program Related S and S	282	-	-	-	-	-	282
Intra-agency Charges	94,051	-	-	-	-	-	94,051
Other Services and Supplies	76,931	-	-	-	-	-	76,931
Expendable Prop 250 - 5000	1,558	-	-	-	-	-	1,558
IT Expendable Property	3,377	-	-	-	-	-	3,377
Total Services & Supplies	\$207,001	-	-	-	-	-	\$207,001
Total Expenditures							
Total Expenditures	640,412	-	-	-	-	-	640,412
Total Expenditures	\$640,412	-	-	-	-	-	\$640,412
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							3
Total Positions	-	-	-	-	-	-	3

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 126 - Klamath Basin Water Quality Improvements

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							2.51
Total FTE	-	-	-	-	-	-	2.51

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 127 - Water Quality Permit Program Improvements**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	2,876,498	-	-	-	-	-	2,876,498
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	\$2,876,498	-	-	-	-	-	\$2,876,498
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	1,215,846	-	884,147	-	-	-	2,099,993
Empl. Rel. Bd. Assessments	705	-	492	-	-	-	1,197
Public Employees' Retire Cont	206,328	-	150,042	-	-	-	356,370
Social Security Taxes	93,012	-	67,641	-	-	-	160,653
Worker's Comp. Assess. (WCD)	670	-	472	-	-	-	1,142
Mass Transit Tax	7,294	-	5,304	-	-	-	12,598
Flexible Benefits	406,376	-	285,576	-	-	-	691,952
Total Personal Services	\$1,930,231	-	\$1,393,674	-	-	-	\$3,323,905
Services & Supplies							
Instate Travel	20,404	-	11,767	-	-	-	32,171
Out of State Travel	2,291	-	1,369	-	-	-	3,660
Employee Training	21,312	-	12,607	-	-	-	33,919
Office Expenses	31,142	-	18,450	-	-	-	49,592
Telecommunications	37,149	-	21,956	-	-	-	59,105

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 127 - Water Quality Permit Program Improvements**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Data Processing	10,495	-	6,243	-	-	-	16,738
Publicity and Publications	153	-	95	-	-	-	248
IT Professional Services	11,717	-	6,975	-	-	-	18,692
Dispute Resolution Services	564	-	334	-	-	-	898
Employee Recruitment and Develop	207	-	124	-	-	-	331
Dues and Subscriptions	1,019	-	607	-	-	-	1,626
Fuels and Utilities	3,463	-	2,060	-	-	-	5,523
Facilities Maintenance	862	-	512	-	-	-	1,374
Agency Program Related S and S	4,281	-	1,407	-	-	-	5,688
Intra-agency Charges	418,867	-	-	-	-	-	418,867
Other Services and Supplies	356,163	-	208,497	-	-	-	564,660
Expendable Prop 250 - 5000	10,000	-	4,818	-	-	-	14,818
IT Expendable Property	16,178	-	9,269	-	-	-	25,447
Total Services & Supplies	\$946,267	-	\$307,090	-	-	-	\$1,253,357
Total Expenditures							
Total Expenditures	2,876,498	-	1,700,764	-	-	-	4,577,262
Total Expenditures	\$2,876,498	-	\$1,700,764	-	-	-	\$4,577,262
Ending Balance							
Ending Balance	-	-	(1,700,764)	-	-	-	(1,700,764)
Total Ending Balance	-	-	(\$1,700,764)	-	-	-	(\$1,700,764)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 127 - Water Quality Permit Program Improvements

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							27
Total Positions	-	-	-	-	-	-	27
Total FTE							
Total FTE							19.80
Total FTE	-	-	-	-	-	-	19.80

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 128 - Improving Water Quality Outcomes

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Beginning Balance							
Beginning Balance Adjustment	-	-	-	-	-	-	-
Total Beginning Balance	-	-	-	-	-	-	-
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Reconciliation Adjustment	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-

____ Agency Request
 2019-21 Biennium

____ Governor's Budget
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____ Legislatively Adopted
 Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 128 - Improving Water Quality Outcomes**

**Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Facilities Rental and Taxes	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 128 - Improving Water Quality Outcomes

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 129 - Developing and Implementing Clean Water Plans

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 129 - Developing and Implementing Clean Water Plans

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Capital Outlay							
Technical Equipment	-	-	-	-	-	-	-
Data Processing Software	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 129 - Developing and Implementing Clean Water Plans

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 160 - Onsite Septic System Loan Program

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Other Services and Supplies	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Special Payments							
Loans Made - Other	-	-	-	-	-	-	-
Total Special Payments	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 161 - Identify and Meet Water Infrastructure Needs

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	250,000	-	-	-	-	-	250,000
Total Revenues	\$250,000	-	-	-	-	-	\$250,000
Services & Supplies							
Professional Services	250,000	-	-	-	-	-	250,000
Total Services & Supplies	\$250,000	-	-	-	-	-	\$250,000
Total Expenditures							
Total Expenditures	250,000	-	-	-	-	-	250,000
Total Expenditures	\$250,000	-	-	-	-	-	\$250,000
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 162 - Technical Assistance to Smaller Communities

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Professional Services	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 163 - Clean Water SRF Loan Management Software

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Transfer In - Intrafund	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Data Processing	-	-	225,000	-	-	-	225,000
IT Professional Services	-	-	275,000	-	-	-	275,000
Total Services & Supplies	-	-	\$500,000	-	-	-	\$500,000
Capital Outlay							
Data Processing Software	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	500,000	-	-	-	500,000
Total Expenditures	-	-	\$500,000	-	-	-	\$500,000
Ending Balance							
Ending Balance	-	-	(500,000)	-	-	-	(500,000)
Total Ending Balance	-	-	(\$500,000)	-	-	-	(\$500,000)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 164 - Lab Equipment and Asset Management Plan

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Agency Program Related S and S	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Capital Outlay							
Technical Equipment	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Water Quality
Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Water Quality
 Cross Reference Number: 34000-002-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

PACKAGE: 060 - Technical Adjustments

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000053	AD	C1244	AP FISCAL ANALYST 2	1	1.00	24.00	09	6,585.00	158,040 74,212				158,040 74,212
0000067	AD	C1244	AP FISCAL ANALYST 2	1-	1.00-	24.00-	09	6,585.00	158,040- 74,212-				158,040- 74,212-

TOTAL PICS SALARY

TOTAL PICS OPE

 TOTAL PICS PERSONAL SERVICES = .00 .00

PACKAGE: 070 - Revenue Shortfalls

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000580	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1-	1.00-	24.00-	09	6,585.00		158,040- 74,212-		158,040- 74,212-
0001021	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	1-	1.00-	24.00-	02	5,437.00			130,488- 67,429-	130,488- 67,429-
0001348	AD	C1485	IP INFO SYSTEMS SPECIALIST	5	1-	1.00-	24.00-	02	5,001.00			120,024- 64,853-	120,024- 64,853-
0002334	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1-	1.00-	24.00-	02	4,724.00			113,376- 63,216-	113,376- 63,216-
0002334	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1	1.00	24.00	02	4,724.00	113,376 63,216			113,376 63,216
0003017	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1-	1.00-	24.00-	02	4,724.00	113,376- 63,216-			113,376- 63,216-
TOTAL PICS SALARY											158,040-	363,888-	521,928-
TOTAL PICS OPE											74,212-	195,498-	269,710-
TOTAL PICS PERSONAL SERVICES =				4-	4.00-	96.00-					232,252-	559,386-	791,638-

PACKAGE: 090 - Analyst Adjustments

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000126	MMN	X0872	AP OPERATIONS & POLICY ANALYST	3	1-	1.00-	24.00-	08 7,942.00	190,608- 82,230-				190,608- 82,230-
0000165	AD	C3717	AP CHEMIST	3	1-	1.00-	24.00-	09 7,242.00	173,808- 78,094-				173,808- 78,094-
0002335	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1-	1.00-	24.00-	02 4,724.00	113,376- 63,216-				113,376- 63,216-
0002630	AD	C3411	AP ENVIRONMENTAL ENGINEER	2	1-	1.00-	24.00-	09 7,584.00	182,016- 80,115-				182,016- 80,115-
0002645	AD	C3717	AP CHEMIST	3	1-	1.00-	24.00-	06 6,275.00	150,600- 72,381-				150,600- 72,381-
0003018	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1-	1.00-	24.00-	07 5,988.00	143,712- 70,685-				143,712- 70,685-
TOTAL PICS SALARY									954,120-				954,120-
TOTAL PICS OPE									446,721-				446,721-
TOTAL PICS PERSONAL SERVICES =				6-	6.00-	144.00-			1,400,841-				1,400,841-

PACKAGE: 125 - Effectively Managing the CWSRF

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003506	AD	C1001	AP LOAN SPECIALIST 1	1	.88	21.12	02	3,917.00		82,727 52,729			82,727 52,729
TOTAL PICS SALARY										82,727			82,727
TOTAL PICS OPE										52,729			52,729
TOTAL PICS PERSONAL SERVICES =				1	.88	21.12				135,456			135,456

PACKAGE: 126 - Klamath Basin Water Quality Im

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003545	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.88	21.12	02	4,724.00	99,771 56,924				99,771 56,924
0003546	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.75	18.00	02	4,097.00	73,746 44,635				73,746 44,635
0003547	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.88	21.12	02	4,724.00	99,771 56,924				99,771 56,924
TOTAL PICS SALARY									273,288				273,288
TOTAL PICS OPE									158,483				158,483
TOTAL PICS PERSONAL SERVICES =									---	-----	-----	-----	-----
									3	2.51	60.24	431,771	431,771

PACKAGE: 127 - Water Quality Permit Program I

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000809	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	1-	.50-	12.00-	04	3,262.00	39,144- 44,940-				39,144- 44,940-
0000809	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	1	1.00	24.00	04	3,262.00	39,144 27,287	39,144 27,290			78,288 54,577
0003505	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	02	5,188.00	49,805 26,383	74,707 39,575			124,512 65,958
0003528	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003529	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003530	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003565	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003566	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003567	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	.75	18.00	02	5,437.00	97,866 50,573				97,866 50,573
0003568	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	1	.88	21.12	02	3,000.00	63,360 47,960				63,360 47,960
0003569	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.50	12.00	02	4,097.00	39,331 23,804	9,833 5,951			49,164 29,755
0003570	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.75	18.00	02	4,097.00		73,746 44,635			73,746 44,635
0003571	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.75	18.00	02	4,097.00		73,746 44,635			73,746 44,635

PACKAGE: 127 - Water Quality Permit Program I

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003572	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.75	18.00	02	4,097.00	73,746 44,635				73,746 44,635
0003573	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	1	.75	18.00	02	3,563.00	64,134 42,268				64,134 42,268
0003574	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	1	.50	12.00	02	3,563.00		42,756 28,178			42,756 28,178
0003575	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	1	.50	12.00	02	3,563.00		42,756 28,178			42,756 28,178
0003576	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	1	.88	21.12	02	3,000.00	63,360 47,960				63,360 47,960
0003577	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.88	21.12	02	4,724.00	99,771 56,924				99,771 56,924
0003578	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.88	21.12	02	4,097.00	86,529 53,665				86,529 53,665
0003579	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.50	12.00	02	4,097.00		49,164 29,755			49,164 29,755
0003580	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	.50	12.00	02	4,724.00		56,688 31,608			56,688 31,608
0003581	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER E	1	.88	21.12	02	6,542.00		138,167 66,378			138,167 66,378
0003582	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	.88	21.12	02	5,344.00	112,865 60,148				112,865 60,148
0003583	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	1	.88	21.12	02	3,000.00	63,360 47,960				63,360 47,960
0003584	AD	C1482	IP INFO SYSTEMS SPECIALIST 2	1	.88	21.12	02	3,606.00	76,159 51,111				76,159 51,111

PACKAGE: 127 - Water Quality Permit Program I

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE	
0003585	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	.88	21.12	02	5,437.00	114,829 60,632				114,829 60,632	
0003586	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	.88	21.12	02	5,344.00	112,865 60,148				112,865 60,148	
0003588	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	.75	18.00	02	5,437.00	97,866 50,573				97,866 50,573	
TOTAL PICS SALARY									1,215,846	884,147			2,099,993	
TOTAL PICS OPE									707,091	504,223			1,211,314	
TOTAL PICS PERSONAL SERVICES =									27	19.80	475.20	1,922,937	1,388,370	3,311,307

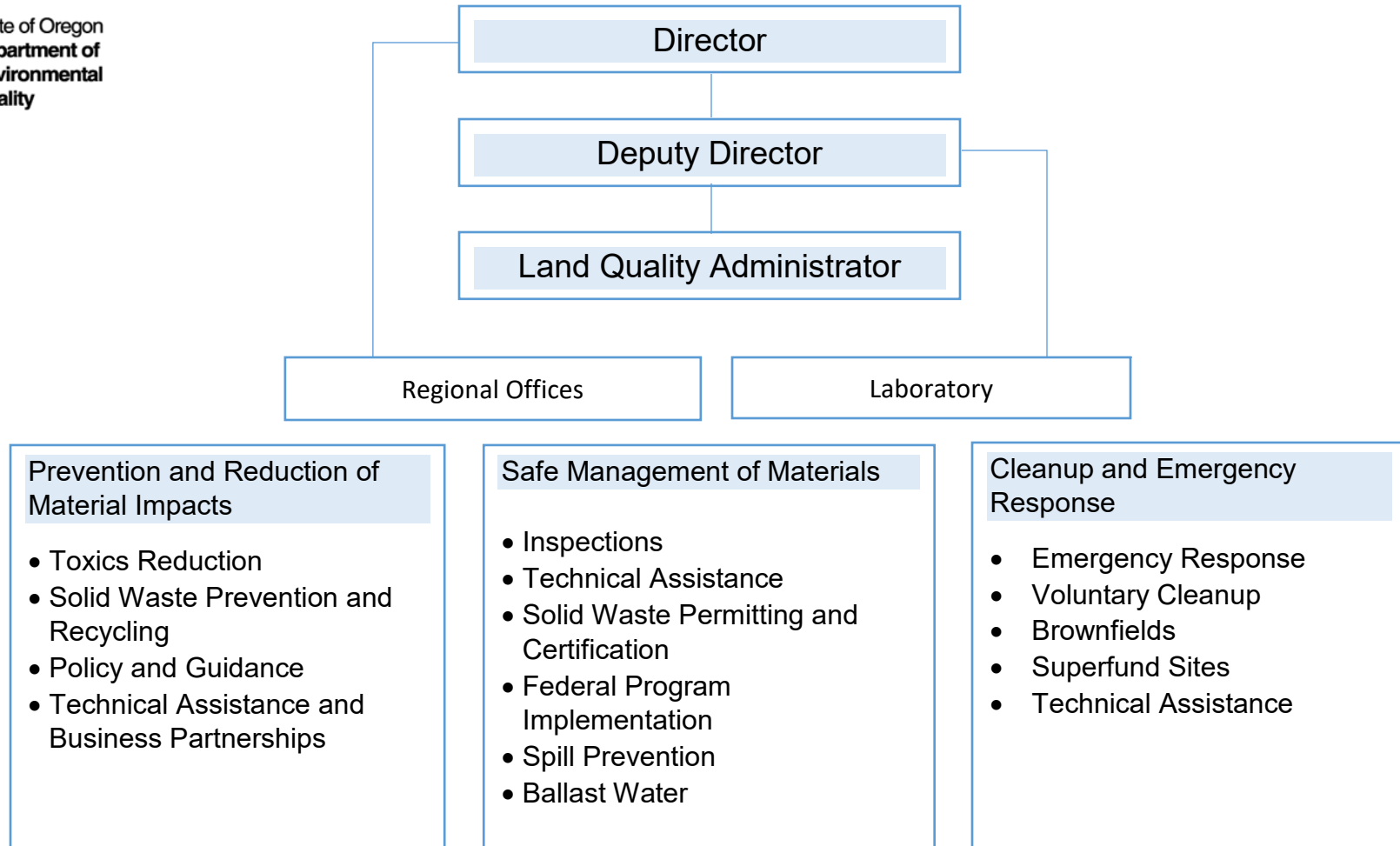
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State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality

Land Quality Program Organizational Chart

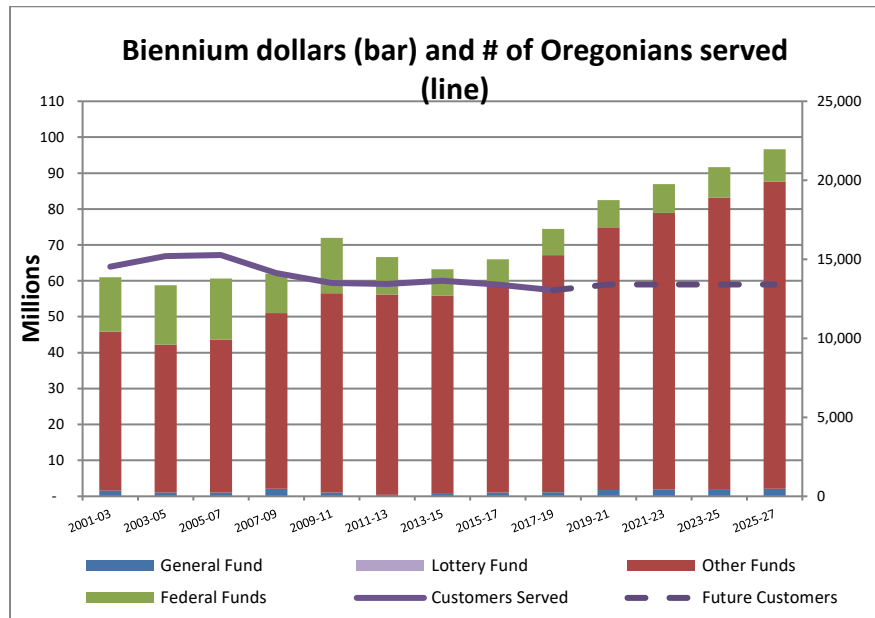


LAND QUALITY

EXECUTIVE SUMMARY

Primary Outcome Area: Responsible Environmental Stewardship
Secondary Outcome Area: Thriving Statewide Economy
Tertiary Outcome Area: Excellence in State Government
Program contact: Nancy Bennett, Policy and Analysis Manager

While all Oregonians benefit from clean and productive land, for the purposes of this chart “Oregonians served” means government and business customers who handle waste materials and receive regulatory services or technical assistance, licensed gas station owners, owners of contaminated property, vessels entering Oregon waters, facilities with oil spill response plans, and those cleaning up spills of hazardous substances.



PROGRAM FUNDING REQUEST

The Land Quality program 2019-21 budget proposal totals \$82.5 million, with 195.85 full-time-equivalent employees. These resources enable DEQ to continue progress towards outcomes described in the program justification section.

PROGRAM DESCRIPTION

Land Quality delivers services in several ways. Its staff issue permits for facilities to ensure responsible management of solid waste and work with watersheds on minimizing waste disposed. Staff maintain reports on the use of toxic substances and the generation of hazardous waste; provide technical assistance to businesses to help them reduce waste and the use of toxic materials; provide oversight for the investigation and cleanup of contaminated properties; and issue operating certificates to gas stations. Staff also coordinate with federal, state, local and tribal government partners in responding to emergency spills. Finally, staff inspect ships in Oregon ports to ensure that ballast water has been properly managed to control invasive species introductions into Oregon waters.

TOTAL FUNDS BUDGET AND PERPROGRAM PERFORMANCE PROGRAM OVERVIEW

DEQ’s Land Quality program improves and protects Oregon’s land, air and water by working with stakeholders on responsible management of materials, reduction of waste and toxics, cleaning up contaminated sites, and responding to emergency spills. The programs create more livable communities and contribute to Oregon’s economic growth, especially cleaning up properties to provide shovel-ready sites for business and industrial development.

PROGRAM JUSTIFICATION AND LINK TO LONG TERM OUTCOMES

DEQ’s Land Quality Program links to the Responsible Environmental Stewardship, Thriving Statewide Economy and Excellence in State Government outcome areas by helping to ensure healthy air, lands, and waters for people, fish and wildlife. Land Quality activities touch upon all environmental media. For example, solid waste reduction helps to reduce greenhouse gas emissions, and ensuring compliance with landfill requirements helps prevent hazardous substances from polluting

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Oregon's rivers and groundwater supplies. The program works to reduce toxics and hazardous waste in the environment by reducing the use of chemicals through promoting safe or green chemistry alternatives. Requiring cleanup of historic pollution and responding to emergency spills ensures people aren't exposed to unhealthy concentrations of hazardous substances in the air or in the soil, reduces runoff of harmful chemicals to our rivers and streams, and protects against the contamination of drinking water supplies. In addition, the program considers environmental justice and the potential for disproportionate impacts of toxins on people who live in poverty and people of color.

Land Quality works with Business Oregon and the Regional Solutions Centers on the redevelopment of brownfield properties and by protecting the quality of Oregon natural resources, which many local industries depend on. We also look for internships and other opportunities to partner with academic institutions on innovative research.

DEQ is implementing an outcome-based management system to reduce costs and improve program efficiency and effectiveness, and works with

PROGRAM PERFORMANCE

More than half of Land Quality's budget is invested in environmental cleanup. Land Quality's success in this area is heavily influenced by the financial ability of owners to undertake cleanups and by the degree of contamination of sites.

Reduction of waste has a significant effect on climate change. The program reduces the environmental effects of waste by giving more Oregonians access to recycling, concentrating on biggest impact materials, and by working to reduce waster generation, both goals of Land Quality's 2019-21 budget proposal.

ENABLING LEGISLATION/PROGRAM AUTHORIZATION

DEQ is authorized by the U.S. Environmental Protection Agency to carry out the Resource Conservation and Recovery Act in Oregon, which covers waste management, primarily hazardous waste, and underground storage tank programs. DEQ's Land Quality Program also implements state laws addressing waste reduction and recycling, reducing the use of

toxics, prevention of and preparation for oil spills, preventing the spread of invasive species by ships, cleaning up pollution from industrial activity, landfills, and illegal drug labs, and emergency response to spills of oil and hazardous materials.

Related enabling statutes include Oregon Revised Statutes Chapter 453 (Hazardous Substances); Chapters 459/459A (Solid Waste Control/Reuse and Recycling); Chapters 465/466 (Hazardous Waste and Hazardous Materials I & II); Chapter 468

The Oregon Environmental Quality Commission adopts Oregon Administrative Rules that implement federal and state laws. DEQ's rules are found in OAR Chapter 340, Divisions 11 to 180. EQC is a five-member citizen commission whose members are appointed by the governor, subject to confirmation by the Senate. In addition to adopting rules, EQC also establishes policy, subject to legislative mandate, and appoints the agency's director (ORS Chapter 468).

PROGRAM FUNDING

The Land Quality program receives general fund (2 percent), federal funds (10 percent) and fees, cost recovery and bond proceeds (88 percent). The two percent general fund requested supports a portion of invasive species prevention, two emergency response positions and Land Quality's share of some cross program expenditures. In addition, DEQ receives general funds for debt service on bond proceeds used in previous biennia to clean up contamination at orphan sites when no other financial source is available to finance the cleanup. Bonds sold in 2012 are financed by fees. The program relies on about 20 fee categories related to industrial activities and materials regulated such as fees assessed on waste materials produced and disposed, on dry cleaner and gas station operations and on marine vessels and facilities using or transporting petroleum products. About 24 percent of revenue is cost recovery for cleanup or cleanup oversight of contaminated sites. The program leverages fee revenues to obtain federal funds with match requirements ranging from zero to 50 percent. Federal, bond and fee funds spent on cleanup are leveraged through cost recovery to create revolving funds.

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SIGNIFICANT PROPOSED PROGRAM CHANGES FROM 2017-19 TO 2019-21 FUNDING

The Land Quality Program budget for 2019-21 includes two policy option packages to perform new work:

- POP 130 requests 0.94 FTE (.5 permanent) to implement the statewide collection of unwanted medications established in House Bill 2065. *POP 130 was not recommended in the Governor's Budget.*
- POP 133 requests 2.0 FTE to conduct work described in House Bill 2064 for the safe transport of hazardous materials by rail.

The Land Quality program budget includes two policy option packages to increase fees to maintain two programs:

- POP 131 through Senate Bill 40 increases fees to maintain the heating oil tank program.
- POP 132 through Senate Bill 41 increases fees to maintain and enhance the oil spill prevention program and adds 1 FTE.

The Land Quality program budget includes one policy option package requesting General Fund Support for Emergency Response:

- POP 134 adds 2.0 FTE to fulfill its emergency response role for small and large operations resulting from oil and hazardous material spills.

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LAND QUALITY PROGRAM NARRATIVE

I. LAND QUALITY OVERVIEW

Land Quality is a coordinated group of programs involving materials management, hazardous waste, underground storage tanks, environmental cleanup and emergency response. Land Quality protects human health and the environment by helping Oregonians:

- Produce and use materials more sustainably;
- Reduce the use of toxic chemicals and recover and safely manage wastes to conserve resources and minimize negative impacts to air, land and water;
- Reduce the risk from exposure to contaminants already in our environment through cleanup of contaminated sites; and
- Prepare for and respond to environmental and public health hazards from accidental releases of petroleum and other hazardous substances as well as other environmental emergencies.

Land Quality's activities touch upon all environmental media: air, water and land. For example, reducing the generation of solid waste can help to reduce greenhouse gas emissions, and requiring safe management of landfills helps avoid impacts to the land and prevents hazardous substances from polluting Oregon's rivers and groundwater supplies. Similarly, requiring cleanup of historic pollution ensures people are not exposed to unhealthy concentrations of hazardous substances in the air or in the soil at specific properties, reduces runoff of harmful chemicals to our rivers and streams, and protects against the contamination of drinking water supplies.

Land Quality strives to meet the environmental challenges of the future. Climate change, for example, makes the reduction of greenhouse gases an increasingly important focus of waste prevention and management. It also increases the number and severity of weather-related events, placing additional demand on our emergency preparedness and response resources. Land Quality continues to focus significant time and resources on core work required under existing state and federal mandates, while

also pursuing opportunities to develop strategies and tools to meet these new challenges and achieve a more sustainable future. For example, although our waste management strategy has always identified waste reduction as the highest priority, we have adopted a more comprehensive approach to systematically examine the impacts of products and materials over their full life cycle and focus actions to achieve the best environmental outcomes at the lowest costs to society. Additionally, solid waste regulation not only protects water quality, but also can reduce greenhouse gas emissions. Finally, we encourage the use of innovative, "greener" methods to clean up contaminated sites.

Land Quality has five main program areas distinguished by laws and regulations and by segregated funding sources. The programs are:

- Materials Management
- Hazardous Waste
- Underground Storage Tanks
- Environmental Cleanup
- Emergency Response and Preparedness

EXPENDITURES BY FUND TYPE, POSITIONS AND FULL-TIME EQUIVALENTS

PROGRAM EXPENDITURES	2019-21 GRB
General Fund	\$ 1,772,446
Other Funds	73,160,952
Federal Funds	7,547,449
All Funds	\$ 82,480,847
Positions	192
FTE	195.85

II. ACTIVITIES AND PROGRAMS

Land Quality uses a variety of approaches to protect the environment. In addition to traditional compliance and enforcement activities, Land Quality conducts research and provides education, technical assistance, and outreach as important ways to achieve environmental protection.

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A. Materials Management

The Materials Management program plans and implements policies and programs to reduce environmental and public health impacts of materials and products throughout their full life cycle, from design and production through distribution, consumption, use and management at end-of-life. The program establishes goals and measures outcomes; supports and performs research; develops and implements incentive, product stewardship, waste prevention, waste recovery and waste management programs; provides education, information and outreach; provides technical assistance; and collaborates with diverse public and private partners on initiatives to accomplish program objectives. The program also issues solid waste management facility permits and oversees compliance with state and federal requirements.

DEQ implements *Materials Management in Oregon: 2050 Vision and Framework for Action*, which the Environmental Quality Commission adopted in 2012 to guide policy and programs in Oregon to achieve the best environmental outcomes at the lowest cost to society. DEQ focuses on identifying the most significant impacts across the full life cycle of products and taking action to reduce those impacts, following four pathways: building a solid foundation including research, knowledge and funding; evaluating and developing new policies and regulations; establishing better and more collaborations and partnerships; and supporting effective education and promotion of more sustainable materials management. This holistic approach helps DEQ work with partners in a changing world with new jobs, new opportunities and new challenges.

Key program areas include:

- Facility oversight
- Built Environment
- Sustainable procurement
- Product stewardship for paint and electronic waste
- Household hazardous waste collection
- School lab cleanouts
- Material recovery
- Reuse and repair
- Sustainable consumption

- Voluntary business initiatives
- Waste prevention
- Foundational research
- Education and outreach
- Goals and measures

B. Hazardous Waste Management

The Hazardous Waste program promotes the reduction and safe management of hazardous waste. The program accomplishes this by issuing waste management facility permits; conducting inspections of hazardous waste facilities, generators, handlers and used oil processors; providing hazardous waste regulatory compliance assistance; reviewing industry toxic use reduction plans and providing technical assistance to help implement these plans; responding to complaints; and issuing enforcement actions for hazardous waste management violations.

The program works to reduce hazardous waste generation while ensuring its safe management by:

- Focusing resources on the greatest environmental needs, including geographic areas, priority business sectors, and facilities;
- Ensuring statewide compliance with hazardous waste regulations;
- Expanding partnerships to achieve greater success with program priorities;
- Reducing the threat of exposure to hazardous waste through compliance monitoring and assistance, enforcement and permitting tools and through cleanup actions; and
- Reducing toxic chemicals use and hazardous waste generation through technical assistance, education and outreach, compliance and enforcement efforts.

C. Underground Storage Tanks

The Underground Storage Tanks program ensures sound management of underground storage tanks to prevent leaks. Owners of underground storage tanks include small and large businesses, government agencies and homeowners. For larger tanks covered by federal regulations, DEQ ensures compliance through annual operating certificates and

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inspections; provides technical assistance to tank owners on proper operation and leak detection, corrosion protection, and spill and overflow equipment; oversees tank installation and decommissioning by properly removing or filling in place; and licenses companies and project supervisors providing tank services. For heating oil tanks, DEQ reviews certified heating oil tank cleanup and voluntary decommissioning reports from licensed service providers and audits cleanups by conducting sampling and reviewing contractor and laboratory records.

The program works to prevent leaks, detect leaks early, ensure the tank owners have the financial resources to pay for cleanup, and reduce or eliminate the risks from UST leaks by:

- Inspecting facilities to ensure tank systems meet equipment standards and are properly operated;
- Ensuring that out-of-service tanks are properly decommissioned and that fuel is only delivered to tanks with valid operating permits;
- Verifying that tank owners meet financial responsibility requirements (such as insurance), ensuring quick cleanup of new leaks;
- Requiring training for all operators of facilities that dispense fuel;
- Conducting public outreach about abandoned tanks, best management practices for heating oil tanks, requirements for pumping oil from heating oil tanks when they are no longer in use, and encouraging the public to voluntarily decommission heating oil tanks; and
- Reducing the overall risk from heating oil tank leaks by reviewing certified reports from service providers and evaluating service providers' work.

D. Environmental Cleanup

The Environmental Cleanup program identifies, investigates and cleans up sites contaminated by hazardous substances, including petroleum. Contamination may occur from current or former operating practices that resulted in releases of hazardous substances discovered in the course of environmental assessments or complaints.

The program works with partners on both large and small contaminated sites, including Federal Superfund sites, in several ways:

- Site assessment
- Site response
- Cleanup of orphan sites where responsible parties are unable or unknown
- Leaking underground storage tanks
- Dry cleaner program
- Voluntary cleanup and prospective purchaser agreements
- Brownfields and economic development

The program achieves program objectives by:

- Identifying and initiating investigation and cleanup activities at sites that threaten human health or the environment, with a focus on encouraging voluntary actions;
- Improving responsiveness to community brownfield and economic development needs;
- Overseeing the cleanup of petroleum from underground storage tank leaks; and
- Developing and maintaining technical guidance, policy, and other tools needed to support cleanup activities.

E. Emergency Response and Preparedness

The Emergency Response and Preparedness program ensures that Oregon is prepared for oil and hazardous material spills, including those from accidents, domestic terrorism events and natural disasters. DEQ accomplishes this goal by developing emergency response plans and providing and participating in training, drills and exercises with government and industry; reviewing and approving oil spill contingency plans for regulated facilities and vessels; directing the cleanup of oil and hazardous material spills where there is no responsible party; and overseeing responsible party cleanups.

DEQ is designated as the state's lead agency for the environmental cleanup of oil and hazardous material spills. Specialized spill cleanup personnel are available around the clock to receive notifications from the

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Oregon Emergency Response System. DEQ prioritizes these notifications for further action based on the threat to public health and the environment. Further actions may involve serving as the state on-scene coordinator for large, complex spills involving multiple state and federal agencies; coordinating actions of other agencies; or providing oversight and technical assistance to ensure adequate cleanup of spills by responsible parties. DEQ may also use an environmental services contractor, if necessary, to conduct cleanup when the responsible party is not known or unable or unwilling to complete required removal or cleanup actions.

Emergency Response and Preparedness includes a marine oil spill prevention program designed to protect the waters of the state and aquatic life and habitat from damage caused by petroleum spills from ships and on-shore facilities who transfer large quantities of oil over waters of the state. DEQ works with industry to prevent spills and ensures that damage from spills is minimized by requiring on-shore marine facilities to prepare risk and hazard analyses, requiring spill contingency plans for marine facilities and vessels, establishing pre-approved response strategies and coordinating quick and appropriate response to spills that do occur. DEQ also works to prevent the introduction of aquatic invasive species into Oregon from the exchange of ballast water from large commercial cargo vessels that arrive from foreign and domestic ports.

Crude oil transport by rail on unit trains began in Oregon in December 2012. DEQ's planning and preparedness work is largely focused on on-shore facilities that currently exclude rail, and funded through fees assessed to these facilities. DEQ does not have resources to complete inland geographical response planning or conduct exercises with local emergency response organizations along inland rail corridors. In June 2016, Oregon experienced its first oil train derailment resulting in a fire and oil release in the town of Mosier along the Columbia River. While the response was successfully completed with no loss of life or significant environmental damage, it exposed gaps in DEQ resources and training needed to sustain a large response for multiple response periods while maintaining normal response operations.

Dedicated resources for emergency response activities are limited. Emergency Response relies on on-call staff from other DEQ programs to provide after hour duty officer response to Oregon Emergency Response

System notifications, and to support DEQ response and field actions at major incidents. Incident management teams, depending on the magnitude of the spill and its impacts, can include a state on-scene coordinator and other personnel as needed, including back-up state on-scene coordinator for night operations, planning section chief, environmental unit leader, communications specialists and other incident command positions required for the response. While current staff is sufficient to support limited short-term incidents, DEQ does not have the capacity to sustain a large area, long term or multiple simultaneous responses. In May 2017, a large warehouse fire resulted asbestos debris being distributed throughout downtown Portland that required the same response team to manage the incident over 18 consecutive days through 12-hour shifts.

DEQ responds to about 2,400 emergency notifications per year. Each notification requires an evaluation to determine the risk to public health and the environment. Approximately 40 percent of notifications require additional DEQ follow-up beyond the initial assessment. This includes providing technical assistance and cleanup oversight for major spills or releases of oil or hazardous materials, including tanker truck accidents, marine spills, rail accidents, facility fires/explosions and airplane crashes.

The program meets objectives by:

- Providing time-critical emergency containment and/or cleanup of chemical and oil spills, including those caused by terrorist action or natural disaster;
- Ensuring private industry, local, state and federal chemical emergency response plans are integrated, tested and improved;
- Focusing on outreach and coordination with local emergency response agencies such as fire, HAZMAT teams and police;
- Implementing and testing the all required emergency response plans;
- Decreasing the incidence of spills or releases impacting human health and the environment; and
- Preventing the introduction and establishment of harmful aquatic invasive species transported in commercial vessel ballast water.

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III. REVENUE SOURCES AND PROPOSED CHANGES

Generally, Land Quality funding sources were flat in 2017-19 compared to previous receipts. The legislature granted fee increases for two programs, Materials Management (2015) and Underground Storage Tanks (2017). Fee revenues are generally projected to be flat in 2019-21. Federal grants have remained flat in spite of increasing costs. Cost recovery revenues are projected to slightly increase. Use of fund balances enabled some programs to continue to operate at the current service level through the 2017-19. Authorization for fee increases for the heating oil, hazardous waste, and spill prevention programs will help support the 2019-21 budget.

General Funds are used prevent aquatic invasive species and are proposed to fund emergency response. General Funds also are appropriated to Land Quality to fund the rent for DEQ's laboratory and partially support Regional Solutions Teams. This support covers about half of the cost of the regional teams. Within Land Quality, the Materials Management program is one of the primary users of laboratory services.

A. Materials Management

The Materials Management program is funded almost entirely by fees:

- The solid waste disposal “tipping” fee is charged on solid waste disposed at municipal solid waste sites in the state or generated in Oregon and transported out of state. Tipping fee revenue supports the Materials Management program, including programs to promote waste prevention and recycling statewide.
- Permit fees are charged on facilities accepting solid waste for disposal; fees vary with type of facility and volume of waste disposed. Permit revenue supports compliance assurance, permitting and waste reduction activities.
- A small amount of waste tire revenue comes from waste tire carrier and storage permit fees, which DEQ uses for waste tire storage site monitoring, cleanup and enforcement.
- Two product stewardship programs, paint and electronics, are funded by fees paid by manufacturers of the products covered by the programs. House Bill 2064 proposes a product stewardship program for unwanted medications that will also be funded by

manufacturer fees. *Policy Option Package 130, which was not recommended in the Governor's Budget* contains more details.

B. Hazardous Waste

The Hazardous Waste Program receives funds from a variety of sources, including fees, cost recovery and federal grants. Hazardous Waste Other Fund revenues include:

- Assessments on businesses generating hazardous waste, based on the volume of waste generated and the manner in which the waste is treated or disposed;
- Hazardous substance possession fees collected by the Office of State Fire Marshal under the Community Right-to-Know laws in support of DEQ's toxics use and hazardous waste reduction program;
- One-third of the fees assessed on each ton of hazardous waste taken to the hazardous waste management facility near Arlington for treatment or disposal (with the other two-thirds devoted to cleanup and emergency response);
- Annual compliance and permit fees assessed on facilities that treat, store or dispose (TSD) of hazardous waste; and
- Cost recovery revenue on certain TSD activities, specifically processing new and renewal permit applications and for TSD corrective actions.

These revenue sources support a variety of program activities, including development and maintenance of administrative rules, technical assistance, toxics use reduction, compliance assurance, complaint response and program management.

Federal grant funds support the development and implementation of authorized hazardous waste management programs administered by the State.

Most Hazardous Waste program fees have remained unchanged for nearly 20 years. Fee factors have not been modified since they were established in 1992. The hazardous waste generator annual base fee has been the same since 1997. Permitting fees have remained the same since

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1998. DEQ is working with an advisory committee to increase hazardous waste generator and permitting fees through rule by mid-2019.

C. Underground Storage Tanks

The Underground Storage Tank program receives funds from several sources, including fees, penalties, and federal grants. The largest funding source for UST compliance assistance and oversight is the annual per tank compliance fee. Additional revenues come from permit modification and tank installation fees charged to tank owners. DEQ assesses license fees on service providers, the contractors and supervisors who install, remove, and test regulated underground storage tanks and those who remove and clean up heating oil tanks.

These fees pay DEQ's costs for test development, issuing licenses, and enforcement. An EPA grant helps fund UST compliance assistance and oversight. DEQ also receives some grant funding for general program costs.

Most of the funding for the heating oil tank program comes from filing fees paid by homeowners or other persons requesting certification of a heating oil tank decommissioning or tank cleanup. A portion of program funding comes from licensing fees charged to heating oil tank service providers. The heating oil tank fees have not been adjusted since 2007. The revenue generated is sufficient to fund only 3.2 of the 4 positions needed to administer the program. Inadequate oversight of contractors who clean up heating oil tank contamination increases the likelihood of inadequate cleanup work, and can delay time sensitive real estate transactions. Senate Bill 40 will increase the fees to maintain the program service level. Policy Option Package 132 has more details on the fee increase.

State statute authorizes DEQ to retain penalties received for violation of statutes and rules, and to use the funds to pay program costs. These penalties come from traditional enforcement actions, as well as expedited enforcement penalties assessed via field tickets.

D. Environmental Cleanup

Environmental cleanup activities are funded by cost recovery, fees and federal grants. The program is designed so that most of DEQ's costs are financed through cost recovery from the parties performing cleanups. DEQ recovers costs for both cleanup oversight and, if necessary, the cost of contractors hired to perform cleanup. Two-thirds of the revenues from hazardous waste disposal fees, collected at the hazardous waste landfill near Arlington, are devoted to cleanup and emergency response and are credited to the Hazardous Substance Remedial Action Funds (HSRAF). The majority of HSRAF fees go to emergency response, but a portion is used to match federal grants. Finally, fees are paid by dry cleaning facility operators to fund site assessment and/or cleanup of qualifying dry cleaner sites, as well as activities to ensure that dry cleaners comply with industry-specific environmental management requirements.

Federal funds, primarily from EPA, support cleanup in several ways. The largest source is the Leaking Underground Storage Tank Trust Fund, which pays for over half of DEQ's leaking tank cleanup costs. Other grants fund the development and administration of cleanup programs, support efforts to redevelop brownfield sites, pay for federal-level site assessments and brownfield site assessments, and enable DEQ staff to participate in decisions related to EPA cleanups of Superfund sites in Oregon. The U.S. Department of Defense provides some funding through a cooperative agreement for DEQ's oversight of cleanups at military facilities.

The Orphan Site Account funds cleanups where responsible parties have not been identified, or where they are unable or unwilling to finance the cleanup. It has two components:

- The Solid Waste Orphan Site Account is funded by a portion of solid waste tipping fees. Policy Option Package 136 would provide increased limitation and three limited duration positions dedicated to SWOSA work to support the increased utilization of the funds.
- The Industrial Orphan Site Account has been funded by long-term bonds, financed primarily with General Funds, and a contribution from hazardous substance possession fees. DEQ has also been successful in recovering orphan funds used to clean up sites, through prospective purchaser agreements, settlements with

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responsible parties once liability is established or owners' insurance claims. DEQ estimates it needs \$5 million to \$6 million per biennium to address known and future orphan sites. About every four years DEQ requests permission from the legislature to issue bonds to pay for orphan work. The 2017 legislature authorized issuance \$10 million bonds in 2017-19. Half of these were sold in December 2017; the rest will be sold in May 2019.

E. Emergency Response and Preparedness

Emergency response and preparedness activities are funded by fees, including hazardous waste disposal fees (HSRAF), and cost recovery. A small portion of cleanup federal funding supports activities such as employee health and safety training. Since 1997, when General Funds were eliminated from the emergency response budget, HSRAF has been the program's primary funding source.

DEQ recovers from responsible parties the cost of responding to spill events whenever possible, but these revenues make up only a small portion of the cost of maintaining readiness for emergency events. Using HSRAF to support the majority of emergency response costs reduces funding for long-term cleanup activities. Previous proposals to replace the General Funds that once supported this program have not been successful. Two other small sources are available to help pay for specific kinds of events: petroleum load fees are dedicated to highway spill cleanups and drug lab asset forfeiture funds pay for cleanup of illegal drug labs.

Invasive species prevention activities are funded by fees and General Funds. The ballast water management program is funded by General Funds and a fee on commercial vessels. The fees pay for half of the 1.5 FTE program. Oil Spill Prevention is fully funded by fees levied on facilities and vessels handling petroleum products at ports and rivers, and pays for oil spill prevention and preparedness activities. Senate Bill 41 will increase fees to maintain and enhance the program.

DEQ is requesting five new positions in three packages (Policy Option Packages 132, 133, and 134) in the Emergency Response program to mitigate, prepare, respond and recover from releases of oil and hazardous materials from commercial vessels, trains, pipelines, trucks and industrial

facilities located along navigable waterways and inland waters of the state, and other culturally, economically or ecologically sensitive environments

II. PROGRAM POLICY PACKAGES

Materials Management-Statewide Collection of Unwanted Medications, Policy Package 130

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

This package will provide staff resources and limitation to implement House Bill 2065 to establish a statewide program for the safe disposal of unwanted and unused medications. The new staff along with support from existing staff will allow DEQ to set requirements for the program plan, develop data procedures, and review the program plan and general oversight. DEQ will need to develop an agreement with the Board of Pharmacy to inspect and audit retail drop-off sites. This package will add one half-time limited duration position and one half-time permanent position funded by fees charged to pharmaceutical manufacturers.

Maintain Heating Oil Tank Program, Policy Package 131

Senate Bill 40 increases the heating oil tank fees set in OR 466.868. Fees to be increased include annual license fees, certification of decommissioning and certification of corrective action. DEQ expects SB 40 will provide an additional \$425,000 per biennium. The package funds active oversight of the work performed by DEQ-licensed service providers of Heating Oil Tank cleanup and decommissioning services to homeowners.

Emergency Response-Maintain and Enhance Oil Spill Prevention, Policy Package 132

This package will provide resources in DEQ's Emergency Response Program for oil spill planning and preparedness to ensure protection of the navigable waters of the Columbia and Willamette Rivers, and Oregon's coastal zone. Senate Bill 41 increases revenue for the DEQ Oil Spill

LAND QUALITY

Prevention and Contingency Planning Program that is funded by fees from vessels and oil pipelines that transport large quantities of petroleum in bulk and large facilities that transfer petroleum over water. Fees were last increased in 2015. This package requests funding to maintain the existing 3.35 FTE and one new position to perform DEQ's assigned role for oil and hazardous material spill preparedness, planning and incident response.

Emergency Response -Safe Transport of Hazardous Materials by Rail, Policy Package 133

Oil and hazardous material planning and preparedness is needed along high hazard rail corridors. House Bill 2064 establishes DEQ authority to review and approve contingency plans developed by the rail industry and obtain resources for developing locally-tailored Geographic Response Plans along high hazard rail corridors, as well as conducting oil spill drills and exercises with railroads and federal, state and local partners, and reviewing contingency plans. This package funds two positions from fees paid by the rail industry.

Emergency Response Statewide Emergency Spill Response and Preparedness, Policy Package 134

DEQ's Emergency Response Program works with other agencies and industry to avoid and respond to spills of oil and hazardous materials to minimize the impacts to people, property and the environment. To accomplish this goal, DEQ does emergency preparedness work before a disaster occurs and provides emergency response functions to respond to emergencies. This work requires training, planning, coordination and round the clock response staff including staffing the OERS Council to facilitate interagency response coordination.

This package funds two positions with General Funds to provide resources necessary for DEQ to fulfill its emergency response role for both small and large operations that result from the releases.

Materials Management Solid Waste Orphan Site Cleanups, Policy Package 136

The Solid Waste Orphan Site Account (SWOSA) has been underutilized despite the existence of eligible sites. This package increase will provide limited duration resources to increase utilization of the fund including developing an inventory of potential sites, prioritizing sites, promoting awareness of the funding available for sites investigation and providing oversight of the cleanups. Increased utilization of the SWOSA will be achieved with three limited duration positions and increased limitation to investigate and clean up eligible orphaned solid waste disposal sites. This work will be funded from existing revenues.

LAND QUALITY

LOTTERY, OTHER, AND FEDERAL FUND REVENUE

PRODUCT STEWARDSHIP FUND

The Legislature established the Product Stewardship Fund in 2009 (HB 3037) as a pilot paint product stewardship program to manage unused architectural paint. The 2013 legislature (HB 2048) approved removing the sunset date. Fees are \$10,000 upon submittal of a new or updated plan (due January 1, 2014 and every four years thereafter, if requested) and annually \$40,000.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$65,103	\$80,000	\$12,284	\$88,344	\$44,475
7/1/19 - 6/30/21	\$40,000	\$80,000	\$15,966	\$10,184	\$93,850

LAND QUALITY

SOLID WASTE DISPOSAL FEE

Collection of fees on solid waste disposed in Oregon or generated in-state and transported out of state for disposal is authorized under ORS 459A.110. Rates are set by rule in Oregon Administrative Rules, Chapter 340, Division 97. A separate disposal fee of 13 cents a ton, collected to provide for cleanup of solid waste orphan sites, is included in the Orphan Site Account - Solid Waste Sites narrative.

Revenues support the implementation of the *2050 Vision for Materials Management in Oregon*, which includes programs for the safe management of solid waste, promoting and enhancing waste prevention, reuse, recycling, household hazardous waste management and other safe management requirements statewide.

The 2019-21 revenue estimate assumes disposal volumes will remain at current levels. Any rise in waste disposal with population increase is projected to be offset by corresponding success through food composting and other waste prevention efforts. The revenue estimate also includes \$200,000 in possible contributions from local governments for joint work. (If the contributions are not made, costs will be reduced accordingly.)

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$5,765,012	\$11,481,396	\$1,693,491	\$2,516,533	\$13,036,384
7/1/19 - 6/30/21	\$7,044,569	\$14,900,000	\$2,128,168	\$5,682,516	\$14,133,885

LAND QUALITY

SOLID WASTE PERMIT FEES

Collection of solid waste permit fees is authorized under ORS 459.235 and rates for several fee categories are established by Oregon Administrative Rules, Chapter 340, Division 97. The majority of the revenue estimated below comes from fees assessed on facilities accepting solid waste for disposal. Rates vary with the type of facility (for example landfill, transfer station or treatment facility) and the volume of waste disposed.

These revenues fund compliance assurance, permitting and other facility oversight activities. There are also fees charged for specific activities, such as engineering reviews for certain composting facilities and proposed beneficial use of solid waste.

The 2019-21 revenue estimate assumes volumes will remain at current levels and any rise as waste disposal increases with population increase will be offset by corresponding reduction through food composting and other waste prevention efforts. The fee increase is designed so this fund is able to pay facility oversight costs for permitted facilities.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$47,484	\$6,622,869	\$733,392	\$1,464,812	\$4,472,149
7/1/19 - 6/30/21	\$2,509,332	\$9,000,000	\$877,872	\$5,950,918	\$4,680,542

LAND QUALITY

WASTE TIRE FEES

This funding source includes revenues from waste tire carrier and storage permit fees, and interest earned. Revenues support a minimal waste tire program of tire storage site monitoring and enforcement.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$19,957	\$14,019	\$2,494	\$15,469	\$16,013
7/1/19 - 6/30/21	\$21,216	\$8,049	\$3,221	\$8,235	\$17,809

LAND QUALITY

ELECTRONIC WASTE FEES (COVERED ELECTRONIC DEVICES FUND)

Oregon’s Electronics Recycling Law (ORS 459A.300 to 459A.365) governs statewide collection, transportation, and recycling system for televisions, desktop and portable computers, computer monitors and other covered electronic devices. Manufacturers are required to pay for the program through two fees for that purpose.

All manufacturers selling covered electronic devices in the state are assessed a **manufacturer registration fee** authorized in ORS459A.315. Tiers based on market share and rates are set in Oregon Administrative Rules, Chapter 98. Revenue raised is intended to cover program costs, except for the administrative costs associated with the contractor program described below, and is assessed only to the level required for that purpose. The revenue need for both years of the 2019-21 biennium is set in rule at \$465,000, however DEQ expects to assess less than the rule allows.

Manufacturers who participate in the contractor program (i.e., manufacturers who choose not to establish their own or join a manufacturer’s group recycling program) are assessed a **recycling fee**. The fee for participating manufacturers is based on their share of devices returned for recycling. The law requires that recycling fees cover all contractor program costs.

Fees are deposited in the Covered Electronic Devices Account. Interest earned is credited to the account.

Recycling revenues are collected to cover a calendar year; the balance at the end of the biennium is needed to cover expenditures for the last six months of the year.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$2,166,679	\$4,118,000	\$112,904	\$2,212,134	\$3,959,641
7/1/19 - 6/30/21	\$3,860,336	\$4,880,000	\$145,422	\$4,415,690	\$4,179,224

LAND QUALITY

PHARMACEUTICAL PRODUCT STEWARDSHIP

House Bill 2065 proposes establishing a method for safe disposal of unwanted drugs. The bill proposes drug manufacturers selling into the State of Oregon establish and fund a program to collect and dispose unwanted drugs. Manufacturers would also be required to fund DEQ's oversight costs. *(This bill is related to Policy Package 130, which is not recommended in the Governor's budget.)*

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
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LAND QUALITY

HAZARDOUS SUBSTANCE POSSESSION FEES (TOXICS USE REDUCTION)

The Hazardous Substance Possession Fee authorized by ORS 453.400 -.402, is paid annually by persons who are required to report chemical possession under the Community Right-to-Know laws. The fee is based on the type and quantity of the substance possessed and rates set in a fee schedule determined by the State Fire Marshal. These funds support Oregon's Toxics Use and Hazardous Waste Reduction (TUHWR, sometimes referred to as TUR) program. A separate Hazardous Substance Fee, calculated in the same way under the same law, supports debt service for orphan site cleanup bonds; those figures are reported in the “Orphan Site Account – Industrial Sites” revenue narrative. ORS 453.402 requires that separate fee schedules be established for these two activities, as well as for the State Fire Marshal’s Community Right-to-Know program.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$898,093	\$1,000,000	\$225,134	\$352,385	\$1,320,574
7/1/19 - 6/30/21	\$329,904	\$1,000,000	\$210,066	\$7,448	\$1,112,390

LAND QUALITY

HAZARDOUS WASTE DISPOSAL FEE

ORS 465.375 - .376 assesses a fee on each ton of waste brought into Oregon’s only hazardous waste management facility, near Arlington, for treatment or disposal. One-third of the revenue funds hazardous waste program management and technical assistance activities; the other two-thirds pay for site cleanups (see separate revenue narrative for the Hazardous Substance Remedial Action Fund). Half of the hazardous waste program revenues from this fee are dedicated by statute to hazardous waste generator technical assistance.

Rates are based on category of waste and volume.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$467,406	\$671,000	\$98,216	\$384,207	\$655,983
7/1/19 - 6/30/21	\$167,438	\$771,000	\$126,180	\$86,065	\$726,193

LAND QUALITY

HAZARDOUS WASTE GENERATOR FEES

Two fees are assessed on regulated generators of hazardous waste. The first is the Generator Identification Fee authorized by ORS 466.077 charged to generators of hazardous waste required to obtain a U.S. Environmental Protection Agency identification number from DEQ pursuant to federal law. This \$200 processing fee is charged upon submittal to DEQ of an application for an identification number.

An annual hazardous waste generator fee is authorized by ORS 466.165. The fee has two components: (1) a flat fee based on the generator’s status (large or small quantity generator) and (2) an amount that varies based on the volume of waste generated and the manner in which the waste is treated or disposed. ORS 466.165 (3) establishes a base rate of \$130 per metric ton for the calculation of the second fee component and sets a cap on this component of \$32,500 a year per generator. Some components of the fees are set in Oregon Administrative Rules Division 105, Chapter 106. Revenue estimates for 2019-21 include anticipated increases in fees the annual generator fee due to rule changes.

Both fees are used to support the agency’s generator inspection, compliance and enforcement programs.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$542,520	\$3,100,000	\$441,008	\$508,912	\$2,692,600
7/1/19 - 6/30/21	\$191,780	\$4,680,000	\$602,497	\$1,087,922	\$3,181,361

LAND QUALITY

HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FEES

DEQ assesses fees and cost recovery charges on facilities that treat, store or dispose (TSD) of hazardous wastes. These include annual compliance determination fees for various categories of TSD activities (for example storage or treatment) and permit modification fees. These fees are established in ORS 466.045 and 466.160-.165 and require DEQ to recover from facilities the agency's actual costs of corrective action (cleanup) and permit processing. Two active facilities pay annual compliance fees; various former facilities still pay for permit renewal or corrective action oversight. Revenue estimates for 2019-21 include anticipated increases in fees due to rule changes.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$427,982	\$634,874	\$138,137	\$84,641	\$840,078
7/1/19 - 6/30/21	\$578,307	\$892,000	\$171,155	\$395,002	\$904,150

LAND QUALITY

LEAKING UNDERGROUND STORAGE TANKS COST RECOVERY

The terms of EPA's Grant for Leaking Underground Storage Tank Trust Funds require DEQ to recover from responsible parties any LUST funds spent on cleanups, primarily DEQ's oversight costs. EPA restricts use of cost recoveries to cleanup of LUST-eligible sites (regulated sites), special projects approved by EPA and associated administrative costs. As a result, these revenues are reported separate from other cleanup cost recoveries.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$3,234,229	\$1,459,000	\$320,440	\$2,338,908	\$2,033,881
7/1/19 - 6/30/21	\$2,398,538	\$2,000,000	\$410,673	\$1,755,540	\$2,232,325

LAND QUALITY

UNDERGROUND STORAGE TANK PERMIT FEES

ORS 466.785 sets the Underground Storage Tank permit fee and authorizes fees for new tank installations (\$400) and modifying a permit when the ownership changes (\$75). In 2017 the legislature approved increases to the permit fee each year from 2018 through 2021. The fee per regulated underground storage tank will be \$295 for fiscal year 2020 and \$325 for 2021. The fees pay for DEQ efforts to issue operation, installation and closure permits and for compliance inspections and enforcement.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$104,087	\$3,291,000	\$328,308	\$1,030,721	\$2,036,058
7/1/19 - 6/30/21	\$701,496	\$4,264,657	\$406,647	\$2,354,643	\$2,204,863

LAND QUALITY

UNDERGROUND STORAGE TANK CONTRACTOR LICENSING FEES

ORS 466.750 authorizes DEQ to establish a licensing program for companies that provide underground storage tank services and construction supervisors who install, remove or test regulated underground storage tanks. (License fees for heating oil tank service providers are reported with other heating oil tank fees on the next page). Fees are charged to administer the program, which includes test development, licensing and enforcement. ORS 466.787 establishes an annual service provider fee of \$300 and a biennial supervisor fee of \$150.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$77,661	\$79,200	\$4,991	\$46,688	\$105,182
7/1/19 - 6/30/21	\$161,029	\$83,600	\$6,054	\$128,253	\$110,322

LAND QUALITY

HEATING OIL TANK FILING AND LICENSING FEES

There are two fees associated with heating oil tanks under ORS 466.872, certification filing fees for underground heating oil tank cleanups and decommissioning fees for taking tanks out of service. These fees are currently set in statute at \$200 and \$75, respectively. ORS 466.868 sets an annual fee of \$750 for a business engaged in heating oil tank services and \$75 for individuals with supervisory responsibilities.

The 2019-21 revenue estimate includes the increases in all four fees DEQ is requesting in Senate Bill 40.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$295,618	\$843,000	\$125,259	\$307,286	\$706,073
7/1/19 - 6/30/21	\$101,228	\$1,296,700	\$147,237	\$515,440	\$735,251

LAND QUALITY

UNDERGROUND STORAGE TANKS COMPLIANCE AND CORRECTIVE ACTION FUND

This fund was established by ORS 466.791 to pay for various activities and financing programs to help clean up underground storage tank leaks and prevent future leaks. However, fees authorized to provide revenue for this purpose were discontinued due to conflict with the constitutional provision dedicating petroleum revenues to highway uses. The only revenues that continue to accrue to this fund are civil penalties for underground storage tank compliance violations. DEQ is authorized to retain these penalties to support administration of the underground storage tank program.

A portion of the penalty revenues comes from “expedited penalties” or “field tickets” issued in lieu of formal enforcement for certain violations. ORS 466.837 authorizes expedited penalties of not less than \$50 and not more than \$500 per violation. Total expedited penalties per facility per inspection cannot exceed \$1,500.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$148,162	\$105,000	\$20,010	\$119,092	\$114,060
7/1/19 - 6/30/21	\$162,323	\$123,600	\$24,658	\$137,873	\$123,392

LAND QUALITY

DRY CLEANER ENVIRONMENTAL RESPONSE ACCOUNT

Fees paid by the dry cleaning industry are used for cleanup of contamination from dry cleaning facilities and to support a program preventing future releases of dry cleaning solvent into the environment. The Legislature set the current dry cleaner fee structure in 2003 in ORS 465.510-.523. Sites qualifying for cleanup with fund revenues also pay a deductible that varies with the size of the business. The estimated 2019-21 revenue also includes insurance settlements that may be available to reimburse DEQ’s cleanup costs at individual sites. The dry cleaning industry has declined over time, and fee revenue has declined with it. Based on recent trends, the costs to administer the program will exceed fee revenues in several years, leaving no funds to perform cleanup.

The fees are used to assist dry cleaners in meeting environmental management requirements, to administer the reporting process, to prioritize cleanup sites, and to perform investigations and cleanups.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$881,327	\$792,632	\$79,847	\$411,317	\$1,182,795
7/1/19 - 6/30/21	\$642,316	\$879,415	\$101,195	\$158,238	\$1,262,298

LAND QUALITY

HAZARDOUS SUBSTANCE REMEDIAL ACTION FUND (HSRAF)

The Hazardous Substance Remedial Action Fund (HSRAF) is one of DEQ’s primary revenue sources for addressing environmental contamination. DEQ is authorized to use HSRAF to pay for its remedial action costs and any activity described in the “removal and remedial action” title of ORS 465. This includes investigating sites potentially requiring remedial action, overseeing cleanup activities performed by responsible parties, cleaning up sites when necessary to protect human health and the environment and associated administrative costs.

There are four sources of revenue for this fund:

ORS 465.375 - .376 assesses a fee on each ton of waste brought into the hazardous waste management facility, near Arlington, for treatment or disposal. Two-thirds of the revenue from this fee pays for site cleanups; the other one-third funds hazardous waste program management and technical assistance activities (see separate revenue narrative for the Hazardous Waste Disposal Fee).

The largest source of HSRAF revenue is cost recoveries, authorized in ORS 465.330. DEQ’s cleanup oversight activities and other costs at individual sites are reimbursed by the responsible party, usually the owner or operator. HSRAF monies are spent and cost recoveries sought for work at hazardous substance contaminated sites, both voluntary cleanups and enforcement sites (where the party is under DEQ order to clean up), as well as for contemporaneous spills. Cost recoveries, including those described in the next paragraph, account for about 92 percent of the projected 2019-21 HSRAF revenues.

The fund also contains cost recovery payments received in advance from parties responsible for cleanup. These funds are dedicated to specific projects and are not available for general program use.

The fourth source, interest received on the HSRAF balance, is continuously appropriated to the agency.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$17,111,830	\$19,969,368	\$2,541,445	\$10,897,295	\$23,642,458
7/1/19 - 6/30/21	\$16,633,833	\$20,316,555	\$3,033,113	\$9,241,996	\$24,675,279

Note: A significant portion of fund revenue is dedicated by contractual agreements for specific cleanup sites or areas. See item (3) above.

LAND QUALITY

ORPHAN SITE ACCOUNT – INDUSTRIAL SITES

The Orphan Site Account was established in 1989 to fund investigation and cleanup at sites, known as orphans, where the responsible parties are unknown, unable or unwilling to perform cleanup-related work. The Legislature authorized the financing of orphan cleanups with long-term pollution control bonds and initially established three fees to pay debt service on the bonds. The legislation also provided that the fees may be spent directly on orphan cleanups.

The law established two categories of orphan sites – industrial orphans, originally financed by fees on hazardous substances, and solid waste disposal sites (landfills), funded by solid waste disposal fees. The solid waste orphan revenues are discussed in the Orphan Site Account – Solid Waste Sites narrative.

Revenues for industrial orphan site cleanups can come from four sources: hazardous substance fees, bond proceeds, cost recoveries and interest earnings.

Hazardous Substance Fees:

As indicated in the Hazardous Substance Possession Fee narrative, ORS 453.402 authorizes the assessment of hazardous substance fees to help fund the Orphan Site Account. Persons who are required to report chemical possession under the Community Right-to-Know laws pay annual fees; the amount of the fee is based on the type and quantity of the substance possessed. The fee schedule is set by the State Fire Marshal, collection administered by the Department of Revenue, and a set amount of revenue transferred to DEQ in accordance with uses approved by the Legislature. Revenue received from this source (\$1,000,000 in 2019-21) is not included in the table below because the scheduled debt service amount is transferred to a non-limited debt service fund for payment of debt service during the biennium.

Hazardous substance fees can fund orphan site cleanups in two ways: debt service on long-term bonds and direct expenditure. These fees have been used to fund half of the debt service on the first two orphan site bond issues (1992 and 1994), with the other half currently funded by General Funds. Because these early issues were almost paid off, the 2011 Legislature authorized issuance of new bonds in 2012 to be financed entirely with the existing amount of possession fees. About \$986,000 of hazardous substance fees will be used for that new bond issue in 2019-21. Revenues needed for debt service are transferred to DEQ's debt service accounts to be used for debt payments. As a result, no revenue is displayed in the chart below.

Bond sales:

There have been nine bond sales since 1992. A \$5 million sale, authorized by the 2017 legislature is scheduled for May 2019. Prior to the May 2019 sale, bonds have generated about \$48.59 million for industrial orphan cleanups. The most recent of these sales provided DEQ with about \$5.8 million in December 2017. Funds are held in a separate bond fund and transferred to the Land Quality budget to cover expenditures. The revenue shown below is the amount DEQ is expecting to spend on orphan projects during 2019-21.

Cost recoveries and interest:

2019-21 revenue estimates below include \$203,000 in recoveries of previously expended orphan funds. Interest earnings are estimated at \$40,000.

LAND QUALITY

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$402,148	\$5,913,643	\$128,038	\$2,083,232	\$4,104,521
7/1/19 - 6/30/21	\$100,000	\$5,437,357	\$159,408	\$39,559	\$5,338,390

Note: The 2019-21 budget includes a transfer of \$1,000,000 in hazardous substance possession fees from the Department of Revenue to the industrial orphan site account. This revenue will be transferred during the course of the biennium to the nonlimited fund as needed for debt service payments.

LAND QUALITY

ORPHAN SITE ACCOUNT - SOLID WASTE SITES

As described in the Industrial Orphan Site Account revenue narrative, the Orphan Site Account was established in 1989 to fund investigation and cleanup at sites, known as orphans, where the responsible parties are unknown, unable or unwilling to perform cleanup-related work. The orphan site legislation established two categories of orphan sites – solid waste disposal sites (landfills) and industrial orphan sites. Industrial orphan funding is discussed in the Orphan Site Account – Industrial Sites revenue narrative.

ORS 459.236 authorizes the Environmental Quality Commission to establish a separate solid waste disposal, or tipping, fee for solid waste orphan cleanups. The fee is 13 cents per ton. Interest earned on the balance is also credited to the fund. 2019-21 revenue estimates include about \$1.8 million in fees.

ORS 459.236 makes funds from this account available to local government for cleanup of municipal landfills after the local government contributes a share of the funding specified in ORS 459.311. DEQ can also spend money independently at orphan landfills.

In Policy Option Package 136 DEQ is requesting temporary limitation to address cleanups at disposal sites throughout the state. This work would be funded by existing funds and will not include an increase in revenue.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$5,322,249	\$1,436,686	\$10,566	\$4,691,867	\$2,056,502
7/1/19 - 6/30/21	\$7,000,000	\$1,800,000	\$129,084	\$3,375,879	\$5,295,037

LAND QUALITY

BALLAST WATER FUND

The 2011 Legislature established a fee on commercial vessels currently subject to ballast water regulations to fund half of the ballast water management program. The fees are set in statute (ORS 783.636) with input from stakeholders and must be reset every 4 to 6 years.

The fund can be used for monitoring vessel arrivals and screening ballast water report forms, vessel inspections, ballast water sample analyses, enforcement, policy development and coordination with other agencies, response to aquatic species outbreaks and technical assistance.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$154,470	\$270,000	\$25,697	\$212,438	\$186,335
7/1/19 - 6/30/21	\$264,679	\$245,000	\$33,296	\$269,008	\$207,375

LAND QUALITY

HIGHWAY SPILL FUND (INCLUDING PETROLEUM PRODUCT WITHDRAWAL DELIVERY FEES)

The petroleum load fee authorized by ORS 465.101-.131 is assessed on each withdrawal of a petroleum product from a bulk facility and for importation of petroleum products in a cargo tank or barge for delivery into a storage tank. The fee, established by administrative rule by the Office of the State Fire Marshal, is currently \$8 per load. A portion of this revenue is transferred to DEQ annually in accordance with expenditures approved by the Legislature.

One of the originally intended purposes of the fee was to fund the state's emergency response program. Because the fee is assessed on petroleum, it has been restricted to highway-related response activities since 1993. When possible, DEQ recovers highway spill fund expenditures from the party responsible for the release and replenishes the fund. The 2019-21 budgeted revenue includes \$155,444 of petroleum load fee. The remaining \$170,000 is estimated cost recovery.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$24,362	\$328,716	\$28,831	\$118,766	\$205,481
7/1/19 - 6/30/21	\$30,000	\$325,444	\$36,335	\$95,666	\$223,443

LAND QUALITY

ILLEGAL DRUG LAB CLEANUP FUND

The Illegal Drug Lab Cleanup Fund was established in 1989 to partly fund the agency’s activities to remove and dispose of chemicals and wastes associated with illegal drug manufacturing, when requested by local and state law enforcement agencies. Asset forfeiture revenues may also be transferred to the Oregon Health Authority to support its illegal drug manufacturing program and may fund safety certification training and personal protective equipment for law enforcement personnel who respond to illegal drug lab sites.

Revenue comes from three sources: DEQ receives 10 percent of the net drug-related assets forfeited to the Oregon State Police and 5 percent of forfeitures to local law enforcement agencies. Contributions from both sources are capped at \$250,000. The fund also receives a small amount of cost recovery from parties responsible for cleanup (for example landlords) and restitution from convicted parties when directed by the courts.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$620,734	\$237,000	\$2,523	\$732,831	\$122,380
7/1/19 - 6/30/21	\$572,347	\$210,600	\$3,104	\$652,094	\$127,749

LAND QUALITY

OIL SPILL PREVENTION FEES

Oil spill prevention fees (ORS 468B.405) are assessed on cargo and tank vessel and oil storage and transportation facilities, both on-shore and off-shore. Vessel fees are assessed per trip. The fees are set with input from stakeholders and must be reset every 4 to 6 years. Senate Bill 41 requests an increase to these fees to fund the existing program and add one additional position.

The fees are used to administer the Oil Spill Prevention Act, including the cost of reviewing spill prevention and response plans, inspections of vessels and facilities, conducting training and response exercises, and reviewing and revising the state's oil and hazardous materials spill response plan.

House Bill 2064 establishes authority to require railroads to establish spill response plans, share those plans with DEQ, and participate in cooperative exercises and drills to test those plans. These fees will be used for railroad oil and hazardous material prevention and response preparation.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$163,651	\$1,107,722	\$101,373	\$533,842	\$636,158
7/1/19 - 6/30/21	\$57,046	\$801,183	\$125,567	(\$716,479)	\$1,449,141

LAND QUALITY

SPILL PENALTY FUNDS

DEQ has authority under two chapters of Oregon law to assess civil penalties related to spills of oil and hazardous materials. These funds are continuously appropriated to DEQ for expenditure for spill response related activities.

ORS 468B.450-.455 allows penalties to be assessed in cases of willful or negligent discharges of oil into waters of the state. The penalties are authorized in addition to penalties under other statutes and are intended to be commensurate with the amount of damage incurred. The law established an Oil Spillage Control Fund for receipt and expenditure of these oil discharge penalties. Revenues in the Oil Spillage Control Fund are to be used by DEQ for costs incurred in carrying out cleanup activities, rehabilitation of affected fish and wildlife and spill prevention planning.

ORS 466.992 allows DEQ to assess penalties against any person who violates a provision of the state's laws and rules covering spill response and cleanup of hazardous materials (ORS 466.605 to 466.680). These penalties are also in addition to penalties under other statutes and may be up to \$10,000 per day. These penalties are to be deposited into the Oil and Hazardous Materials Emergency Response and Remedial Action Fund established in ORS 466.670. This fund may be used for the administration and enforcement of the spill response and cleanup statutes, and for emergency cleanup operations.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$156,966	\$152,000	\$17,096	\$148,283	\$143,587
7/1/19 - 6/30/21	\$161,000	\$85,400	\$19,744	\$79,974	\$146,682

LAND QUALITY

FEDERAL HAZARDOUS WASTE GRANT FUNDS

Section 3011 of the Resource Conservation and Recovery Act authorizes funding to states for the development and implementation of authorized state hazardous waste management programs. A 25 percent state match is required.

EPA also offers grants to fund pollution prevention activities. The grants encourage a shift from pollution *control* to pollution *prevention* a 50 percent state match is required.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$1,559,376	\$204,860	\$30,490	\$1,324,026
7/1/19 - 6/30/21	\$0	\$1,515,000	\$219,622	\$1,140	\$1,294,238

LAND QUALITY

FEDERAL LEAKING UNDERGROUND STORAGE TANK TRUST FUNDS

In 1986, the U.S. Congress established a \$500 million fund, the Leaking Underground Storage Tank (LUST) Trust, for states to use for investigation and cleanup of petroleum leaks from underground storage tanks. These funds are transferred to states via Cooperative Agreements. A 10 percent state match is required, which DEQ finances with Hazardous Substance Remedial Action Funds. The 2019-21 revenues shown below include about \$200,000 to allow for a possible additional award of “cleanups completed” funding made available to states to increase the number of sites cleaned up. It is uncertain how much, if any, funding will be awarded in 2019-21.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$2,638,015	\$295,510	\$49,809	\$2,292,696
7/1/19 - 6/30/21	\$0	\$3,030,441	\$403,288	\$685	\$2,626,468

LAND QUALITY

FEDERAL UNDERGROUND STORAGE TANKS GRANTS

EPA provides assistance from two sources for the development and implementation of DEQ’s underground storage tank compliance program. Funds are provided as authorized by Section 9010 of the Resource Conservation and Recovery Act to supplement state funds for activities to ensure regulated petroleum tank compliance with installation and operational regulations designed to prevent leaks. A 25 percent state match is required, which comes from underground storage tank permit fees. EPA supplements the traditional funding with “LUST Prevention” funding. These funds are to assist with compliance of the underground storage tank provisions of the Federal Energy Policy Act of 2005. The revenue estimates below assume funds will be available in 2019-20 at the same level as in state fiscal years 2018 and 2019.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$771,894	\$97,349	\$16,031	\$658,514
7/1/19 - 6/30/21	\$0	\$865,997	\$127,014	\$826	\$738,157

LAND QUALITY

FEDERAL ENVIRONMENTAL CLEANUP GRANTS AND COOPERATIVE AGREEMENTS

DEQ receives funding for environmental cleanup activities through several grants from and cooperative agreements with EPA. Some of the funding is authorized through the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), commonly known as Superfund, to assist state cleanup programs.

Recurring federal grants for environmental cleanup include:

- Environmental cleanup program administration and development. These “Core Cooperative Agreement” expenditures require a 10 percent state match.
- Brownfield funding to enhance the state cleanup program, including site specific assessments to assist local governments and private parties in determining the extent of contamination at selected sites and other activities related to brownfield sites. Awarded as a “State Response Cooperative Agreement.” No match is required.
- Site assessment and discovery, including preliminary assessments of selected medium- to high-priority sites, provision of state perspectives on sites being assessed by EPA, and program administration. No match is required.
- Funding for state participation in the cleanup of Oregon sites on the National Priorities, or Superfund, List. These cleanups are conducted by EPA under federal CERCLA cleanup authority and include continued maintenance and monitoring for the McCormick and Baxter Creosoting Company site. There is no match on the cooperative agreement funds, although the state is required to provide a 10 percent match on cleanup costs EPA incurs at sites where there is no private party to finance the cleanup.

DEQ may pursue other avenues that might become available to assist in cleanup or redevelopment of contaminated or brownfield sites.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$2,901,083	\$335,328	\$52,237	\$2,513,518
7/1/19 - 6/30/21	\$0	\$2,967,695	\$390,245	\$0	\$2,577,450

LAND QUALITY

FEDERAL DEFENSE-STATE MEMORANDUM OF AGREEMENT (DSMOA)

Many units of the Defense Department require that state environmental agencies enter into an agreement, known as a Defense-State Memorandum of Agreement, for the state to be paid for its costs to oversee environmental cleanup at both active and formerly used defense facilities. The DSMOA provides funding for DEQ's costs to ensure that cleanups meet state requirements, as well as some associated overhead costs. No match is required.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$180,678	\$19,460	\$2,944	\$158,274
7/1/19 - 6/30/21	\$0	\$181,073	\$21,910	\$0	\$159,163

LAND QUALITY

FEDERAL FUNDS – UMATILLA CHEMICAL AGENT DISPOSAL FACILITY COOPERATIVE AGREEMENT

The U.S. Congress mandated the Department of Defense dispose of the Army's chemical stockpile, including the munitions and agents stored at the Umatilla Chemical Agent Disposal Facility. The Disposal Facility has received “Clean closed” certification. DEQ continues to oversee the closure of the depot where weapons were stored.

This work, like the oversight of weapons destruction, is funded by an annual cooperative agreement between DEQ and the Army. Funds pay for administration and modification of the hazardous waste and air contaminant discharge permits, compliance, enforcement and public outreach. No match is required.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$307,975	\$38,516	\$10,882	\$258,577
7/1/19 - 6/30/21	\$0	\$178,888	\$26,131	\$784	\$151,973

LAND QUALITY

PROGRAM ESSENTIAL PACKAGE NARRATIVE

VACANCY FACTOR AND NON-PICS PERSONAL SERVICES (#O10)

Purpose: To apply adjustments to personal services costs that are not generated by the Position Inventory Control System:

- Updates the vacancy factor to project budget savings reasonably expected from staff turnover
- Applies the standard general inflation factor of 3.80 percent to non-PICS generated personal services costs, such as temporaries, overtime and shift differential
- Adjusts for changes in the contribution for debt service on the Public Employee Retirement System pension obligation bonds
- Adjusts for mass transit taxes (excluding federal funds)

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
010	\$ 20,223	\$ 0	\$ 973,318	\$ 139,928

Staffing impact: None

COST OF PHASED-OUT PROGRAMS OR ONE-TIME ELIMINATIONS (#022)

Purpose: To apply non-Position Inventory Control System related budget adjustments to activities that phase-out in 2019-21, or eliminate one-time expenditures from the 2017-19 budget.

How accomplished: This package removes ongoing services and supplies associated with positions eliminated during the 2017-19 biennium, including limited duration positions. The package also removes one-time expenditures, such as capital outlay and special payments, not intended to continue into the 2019-21 biennium.

- This package makes adjustments for expenditures related to 2017 package 136 for one-time expenditures in support of a lead paint task force.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
022	\$ (50,000)	\$ 0	\$ 0	\$0

Staffing impact: None.

LAND QUALITY

INFLATION AND PRICE LIST ADJUSTMENTS (#031, 033)

Purpose: To apply inflation and price list adjustments to services and supplies, capital outlay and special payment amounts in the 2019-21 Base budget.

How accomplished: Package 031 applies standard inflation, state government service charge and other price list adjustments as follows:

- General inflation of 3.80 percent
- Attorney general inflation of 20.14 percent
- State government service charge price list adjustments
- Central government service charge price list adjustments
- Self support rent agreement price list (DEQ Laboratory Facility)

Package 033 applies inflation rates requiring Exception Committee approval.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
031	\$ 7,590	\$ 0	\$ 1,337,753	\$ 85,575
033	\$ 10,765	\$ 0	\$ 0	\$ 0

Staffing impact: None

TECHNICAL ADJUSTMENTS (#060)

Purpose: The package records technical adjustments that do not fit in the standard essential packages.

How accomplished: This package transfers FTE between SCRs to represent operational reality. Shifts professional services to other services and supplies categories to align budget with current accounting practices.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
060	\$0	\$ 0	\$ (262,532)	\$ 0

Staffing impact:

Total FTE	General Fund	Lottery Fund	Other Fund	Federal Fund
0	0	0	(1.0)	0

LAND QUALITY

PROGRAM POLICY ADJUSTMENT PACKAGE NARRATIVE

REVENUE SHORTFALLS (#070)

Purpose: No adjustment packages at this time.

How accomplished:

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
070	\$ 0	\$ 0	\$ 0	\$ 0

Staffing impact: No impact

ANALYST ADJUSTMENTS (#090)

Purpose: This package implements the changes to the agency's current service level budget recommended by the Budget and Management Analyst and adopted in the Governor's Recommended Budget.

How accomplished: Increased vacancy savings and an elimination of inflation to non-protected accounts included in Policy Package 031 Standard Inflation.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
090	\$ (42,804)	\$ 0	\$ 0	\$ 0

Staffing impact: No impact

STATEWIDE ADJUSTMENT DAS CHGS (#091)

Purpose:

This package represents changes to State Government Service Charges and DAS price list charges for services made for the Governor's Budget.

How accomplished:

Adjustments made to the State Government Service Charges and DAS price list charges for services made for the Governor's Budget.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
091	\$ (12,498)	\$ 0	\$ (83,460)	\$ 0

Staffing impact: No impact

TITLE: STATEWIDE AG ADJUSTMENT (#092)

Purpose: This package adjust Attorney General Rates by 5.95 percent to reflect changes in the Governor's Budget.

How accomplished: Adjustments made to the Attorney General rates.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
092	\$ 0	\$ 0	\$ (72,312)	\$ (3,435)

Staffing impact: No impact

LAND QUALITY

POLICY OPTION PACKAGE 130 NARRATIVE

TITLE: STATEWIDE COLLECTION OF UNWANTED MEDICATION (#130)
 PRIORITY RANK – OTHER FUND: 10

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

PURPOSE

House Bill 2065 would establish a statewide program for the safe disposal of unused medications. If not properly disposed, medications can lead to abuse by persons other than the intended patient, accidental poisonings and can contaminate Oregon's waterways.

HB 2065 requires manufacturers that sell pharmaceuticals in or into Oregon to develop, fund, implement and promote a convenient statewide system to collect and safely dispose unwanted drugs from households. Manufacturers must join a stewardship organization that will develop a stewardship plan that meets state approved performance requirements that include convenience, DEA compliance, disposal, promotion and evaluation. DEQ will review and approve submitted plans, review substantive program changes and annual reports. The Board of Pharmacy will inspect collection kiosks during regular pharmacy inspections.

HOW ACHIEVED

The package will provide staff resources and limitation to implement the new program. The new staff, along with support from existing staff, will allow DEQ to set requirements for the program plan, develop data procedures, and review the program plan and general oversight. DEQ will develop an agreement with the Board of Pharmacy to inspect and audit retail drop-off sites. This package adds one half-time limited duration position and one half-time permanent position, funded by fees charged to pharmaceutical manufacturers. DEQ expects the fees proposed in HB 2065 to provide revenues to pay program costs.

QUANTIFYING RESULTS

DEQ will quantify the results through meeting the statutory timelines for establishment of the program, number of collection sites established, and quantity of unwanted medications collected.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
OPA-2	1.0	3526	.44
OPA-1 limited duration	1.0	3527	.50
Total	2.0		.94

REVENUE SOURCE

General Fund	-
Other Funds	\$261,908
Federal Funds	-
Total Limitation	\$261,908

2021-23 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
OPA-2	1.0	3526	.50
Total	1.0		.50

REVENUE SOURCE

General Fund	-
Other Funds	\$144,586
Federal Funds	-
Total Limitation	\$144,586

LAND QUALITY

POLICY OPTION PACKAGE 131 NARRATIVE

TITLE: MAINTAIN HEATING OIL TANK PROGRAM (#131)
PRIORITY RANK – OTHER FUND: 7

PURPOSE

This package funds active oversight of the work performed by DEQ-licensed firms providing heating oil tank cleanup and decommissioning services to homeowners. Inadequate oversight of contractors who clean up heating oil tank contamination increases the likelihood of inadequate cleanup work, and can delay time sensitive real estate transactions.

A heating oil tank is an underground tank used for storing fuel for use as part of a heating system. Underground heating oil tanks are a potential source of contamination of soil and groundwater, may pose a fire and explosion hazard under certain conditions, and heating oil from leaking underground tanks may impact human health. Underground tanks also corrode and over time may weaken to the point where they can no longer hold fuel. Reporting leaking tanks to DEQ is mandatory. The Heating Oil Tank program allows third party certification of cleanup and decommissioning of heating oil tanks by DEQ-licensed service providers. When a licensed contractor completes a cleanup or decommissioning, the company submits a certification to DEQ. After review, DEQ issues a letter to the tank owner registering the contractor's certification. In calendar year 2017, 48 licensed contractors submitted 2,347 project certifications; the program holds records for over 50,000 properties to date. Average file closure times are under two weeks and DEQ expedites projects involved in property transactions.

Senate Bill 40 adjusts fees that have not been changed for over 10 years; license fees were last set in 1999, and certification fees were raised in 2007. The DEQ program is designed to operate with 4 staff positions providing technical assistance, outreach, site inspections, service provider audits and final report review. Fee revenue only funds 3.2 positions at current levels of activity, and fund balances are nearly depleted. The DEQ Heating Oil Tank program is unable to provide adequate project oversight and auditing due to diminished staff levels, increasing health risks from potential contamination. Records management for the program is antiquated, inefficient and staff-intensive, pulling staff away

from other tasks and limiting public access to information. DEQ can only perform after-the-work desk reviews of about half of the projects, is unable to maintain guidance, and provides only minimal outreach and assistance in response to questions.

HOW ACHIEVED

SB 40 increases the heating oil tank fees set in ORS 466. Fees to be increased include annual license fees, certification of decommissioning and certification of corrective action. DEQ expects the increase in fees from SB 40 to provide an additional \$425,000 per biennium.

QUANTIFYING RESULTS

DEQ currently tracks the percent of heating oil tank sites cleaned up through Key Performance Measure 5. DEQ tracks the date it receives and registers certifications. With adequate income to support existing positions, DEQ will maintain closure timeliness, resume outreach and auditing, and improve public records management and access.

2019-21 STAFFING IMPACT

None

LAND QUALITY

POLICY OPTION PACKAGE 132 NARRATIVE

TITLE: MAINTAIN AND ENHANCE OIL SPILL PREVENTION (#132)

PRIORITY RANK – OTHER FUND: 5

Note: The Governor's Recommended Budget modifies the proposed submitted in DEQ's Agency Request Budget by eliminating Revenue in Other Funds. Fee increases in Other Funds is pending.

PURPOSE

This package will provide resources for DEQ's Emergency Response program to carry out oil spill planning and preparedness to ensure protection of the navigable waters of the Columbia and Willamette Rivers and Oregon's coastal zone. DEQ works with industry to develop response strategies and tactics to help mitigate the impacts to human health and the environment when spills occur. DEQ also participates in drills and exercises and training to ensure staff are prepared during an incident.

HOW ACHIEVED

Senate Bill 41 increases revenue for the DEQ Oil Spill Prevention and Contingency Planning Program, funded by fees from vessels and oil pipelines transporting large quantities of petroleum in bulk, and large facilities that transfer petroleum over water. DEQ last increased fees in 2015. This package requests funding to maintain the existing 3.35 FTE and to add one new position to perform DEQ's assigned role for oil and hazardous material spill preparedness, planning and incident response. DEQ expects the fee increase proposed in SB 41 to provide \$1,080,000 to maintain the program and fund the one new position.

DEQ develops geographic response strategies in advance of any spill, and ensures that facilities that transfer oil over or near navigable waters have approved spill contingency plans, and maintain trained personnel to implement as demonstrated by successful drills and exercises of their plan. DEQ works with industry and local, state and federal stakeholders, and tribal nations to develop response strategies to protect sensitive habitat and socio-economic and cultural resources.

In the past year, Oregon began receiving shipped tar sand oil produced in Canada. The oil is transported to Oregon by rail, trans-loaded to a tank farm in Portland Harbor, and subsequently transferred to oil tankers for

shipment overseas. Current response strategies require refinement to address sinking oils associated with tar sand crude oil.

The ISS5 position in this package will provide Geographic Information System (GIS) support to the program.

DEQ is requesting five new positions in three packages in the Emergency Response program to mitigate, prepare, respond to and recover from releases of oil and hazardous materials from commercial vessels, trains, pipelines, trucks and industrial facilities located along navigable waterways and inland waters of the state, or other culturally, economically or ecologically sensitive environments. This package contains one of those positions.

QUANTIFYING RESULTS:

DEQ will commit additional resources to maintain and update response strategies along navigable waterways of the Columbia and Willamette rivers. DEQ is currently working on a multi-year plan to update strategies for the coastal zone. Response strategies for sinking oil and for pipeline facility reaches will follow completion of that project.

DEQ will incorporate new and updated response strategies into the Northwest Area Contingency Plan that is updated annually and submitted to Office of Emergency Management as an annex to the Oregon Comprehensive Emergency Management Plan.

DEQ will continue to produce an annual report to fee payers on spill prevention and planning activities conducted with industry.

DEQ will increase staffing of industry exercises to build response capabilities for both planning and response personnel that will be needed for significant marine incidents.

LAND QUALITY

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Information Systems Specialist 5	1	3520	1.0
Total	1		1.0

REVENUE SOURCE

General Fund	-
Other Funds	\$ 224,097
Federal Funds	-
Total Limitation	\$ 224,097

LAND QUALITY

POLICY OPTION PACKAGE 133 NARRATIVE

TITLE: SAFE TRANSPORT OF HAZARDOUS MATERIALS BY RAIL (#133)
 PRIORITY RANK – OTHER FUND: 6

Note: The Governor’s Recommended Budget modifies the proposed submitted in DEQ’s Agency Request Budget by eliminating Revenue in Other Funds. Fee increases in Other Funds are pending.

PURPOSE

Planning, preparedness for and response to oil and hazardous material spills along high hazard rail corridors is important to protect public health and the environment. House Bill 2064 authorizes DEQ to review and approve contingency plans developed by the railroad industry and obtain resources for developing locally tailored Geographic Response Plans along high hazard rail corridors.

This package provides new resources in DEQ’s Emergency Response program for oil spill planning, preparedness and response along High Hazard Rail Corridors in Oregon. The package provides resources for development of response strategies along these rail corridors, to conduct oil spill drills and exercises with railroads, federal, state and local stakeholders, and tribal nations and review contingency plans.

HOW ACHIEVED

To accomplish the work authorized in HB 2064, DEQ will need two full time positions. DEQ will assign one position primarily to planning response strategies, and to participate in drills and exercises, and future rail incident response. Rail incident response involves working with each of the railroads to identify waters of the state, ecologically sensitive habitat, and culturally and economically important areas, and to develop response strategies for each high hazard rail corridor covering hundreds of miles. The planning work involves research to determine the location of sensitive habitats, and field reconnaissance to identify feasible locations for deploying oil spill

control and recovery equipment, in consultation with local emergency planning committees, natural resource agencies and tribal nations.

The second position will develop rules and standards governing rail contingency plan requirements. Once rules are in place for contingency plan requirements, the position will work with railroads on development and approval of oil spill contingency plans. This position will also participate in at least two rail oil spill equipment deployment exercises annually, and lead the planning and evaluation of a worst-case drill with each railroad every three years.

Ongoing maintenance of rail response plans will involve periodic updates to strategies based on results of equipment, deployment exercises and drills. DEQ expects the fees established in HB 2064 to provide \$750,000 per biennium.

QUANTIFYING RESULTS:

DEQ will publish response strategies in the Northwest Area Contingency Plan that is submitted to the Office of Emergency Management. The NWACP serves as the state response plan for Emergency Support Function 10 under the Oregon Comprehensive Emergency Management Plan.

The State Fire Marshal compiles and reports information on drills and exercises with railroads to the Legislature annually. DEQ will work with the State Fire Marshal to document the joint exercises with railroads, lessons learned, and actions to address response preparedness deficiencies identified through these exercises.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Natural Resource Specialist 4	2	3521, 3522	2.0
Total	2		2.0

REVENUE SOURCE

General Fund	-
Other Funds	\$534,400
Federal Funds	-
Total Limitation	\$534,400

LAND QUALITY

POLICY OPTION PACKAGE 134 NARRATIVE

TITLE: STATEWIDE EMERGENCY SPILL RESPONSE AND PREPAREDNESS (#134)
PRIORITY RANK – GENERAL FUND: 3

PURPOSE

DEQ's Emergency Response program works with other agencies and industry to avoid and respond to spills of oil and hazardous materials to minimize the impacts to people, property and the environment. To accomplish this goal, DEQ prepares for future disasters and responds during emergencies. This work requires training, planning, coordination and round-the-clock response staff.

This package provides new resources for DEQ to fulfill its emergency response role for small and large operations resulting from oil and hazardous material spills. DEQ receives over 2,000 incident notifications from the Oregon Emergency Response System each year, representing the largest volume of OERS reports managed by any local or state agency. DEQ receives notifications of “reportable releases” 24 hours a day, seven days a week. From 2017 to date, DEQ has responded to five incidents requiring sustained response ranging from multiple days to weeks. DEQ’s capacity to respond to emergencies is stretched thin during these events, and DEQ quickly exhausts resources when responding to sustained events or multiple simultaneously-occurring emergencies. Due to limited resources, DEQ is not able to inspect most spill sites to confirm the cleanup was completed to regulatory requirements. Failure to identify sites with incomplete actions can lead to future cleanup sites that require additional resources and costs to complete the process.

The 2017 Office of Emergency Management disaster recovery plan identified DEQ as the lead agency for coordinating the restoration of environmental damages following the emergency phase of a significant disaster. New resources through package 134 would allow DEQ to fulfill this emergency management coordination role through the OERS Council planning for disaster response and subsequent recovery.

HOW ACHIEVED

This package includes two positions to provide additional emergency management resources throughout the state to address gaps in response capacity, and provide agency coordination with the Office of Emergency Management and other agencies. DEQ will assign one position, stationed in Salem, to work on the planning for restoring the environmental damages anticipated for disasters and to support OERS Council incident response coordination. The position will also have a secondary role for response on significant incidents in circumstances where OERS Council is not in full activation status. This will provide DEQ capacity to manage concurrent incidents involving field oversight.

DEQ will station a second natural resource position in a regional office to support both incident preparedness planning and response. This position will expand our capacity to verify adequacy of cleanup of spills through field inspections to ensure that spill contractors are properly performing their work.

DEQ is requesting five new positions in three packages in the Emergency Response program to mitigate, prepare, respond to and recover from releases of oil and hazardous materials from commercial vessels, trains, pipelines, trucks and industrial facilities located along navigable waterways and inland waters of the state and other culturally, economically or ecologically sensitive environments. This package contains two of those five positions.

In the past, General Fund supported Emergency Response positions. As a temporary fix to previous General Fund reductions, DEQ used the Hazardous Substance Remedial Action Fund (HSRAF) to pay for these positions. HSRAF has been slowly declining and is not a stable funding source for the high priority work provided by these positions.

QUANTIFYING RESULTS

DEQ will submit a natural resource recovery work plan to OEM as an annex to the state disaster recovery plan. DEQ will track and report the number of field inspections completed annually as a proposed Key Performance Measure. The proposed measure will be the percent of sites

LAND QUALITY

involving a release of oil or hazardous material exceeding ten times the reportable quantity.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Natural Resource Specialist 4	1	3524	1.0
Natural Resource Specialist 3	1	3523	1.0
Total	2		2.0

REVENUE SOURCE

General Fund	\$ 604,559
Other Funds	-
Federal Funds	-
Total	\$ 604,559

LAND QUALITY

POLICY OPTION PACKAGE 136 NARRATIVE

TITLE: SOLID WASTE ORPHAN SITE CLEANUPS (#136)
PRIORITY RANK – OTHER FUND: 12

PURPOSE

In 1989, the Legislature created the Solid Waste Orphan Site Account (SWOSA) to help pay for cleanup of “orphaned” sites where the disposal of solid waste resulted in the release of hazardous substances into the environment. Eligible sites include publicly owned solid waste facilities and privately owned sites without a responsible party. Since 1993, DEQ has collected \$0.13 per ton of all domestic solid waste disposed in Oregon or transported out-of-state for disposal to fund the account. It includes requirements for matching funding from local governments to access the account and caps their liability.

Local governments throughout Oregon have owned and operated landfills for many decades. In some cases, local governments have contracted with privately owned landfills. Many old, abandoned landfills in Oregon were poorly sited and unlined, often operated without permits, and closed without adequate caps or controls.

SWOSA funds can be used for site investigations or cleanup actions, and the work can be done either by the local government or through DEQ’s state contractor program.

DEQ has three methods for providing funds from the SWOSA.

1. DEQ can provide “loans” of up to \$100,000 with no repayment obligation to local governments for conducting an investigation and cleanup of a release of hazardous substances at a solid waste disposal site owned by the local government.
2. DEQ can provide low-interest loans to local governments for conducting an investigation and cleanup of a release of hazardous substances at a solid waste disposal site owned by the local government.
3. DEQ can provide funds at privately owned or operated solid waste disposal sites which receive or received domestic solid waste and for which DEQ determines responsible parties are unknown, unwilling, or unable to undertake the investigation or cleanup for the release of hazardous substances.

SWOSA has been underutilized despite the existence of eligible sites. This package will provide authority to spend existing resources through limited duration positions and contract limitation. This enables DEQ to increase use of the fund including developing an inventory of potential sites, prioritizing sites, promoting awareness of the funding, and providing cleanup oversight.

HOW ACHIEVED

Having increased limitation and three limited-duration positions dedicated to SWOSA-related work will support the increased use of the funds. The work will be funded from existing revenues. An inventory of eligible solid waste disposal sites will be compiled and prioritized statewide. Staff will work with eligible sites to commence work to investigate and cleanup sites.

QUANTIFYING RESULTS:

Having positions dedicated to SWOSA will result in an inventory of eligible sites, site prioritization, and additional sites undergoing cleanup. DEQ will measure success of the SWOSA program by tracking the number of sites undergoing investigation and cleanup. At the end of the biennium, DEQ will determine if it is necessary to seek additional limited duration staff or permanent positions for the SWOSA program.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
NRS3	3	3517, 3518, 3519	3.0
Total	3		3.0

REVENUE SOURCE

General Fund	-
Other Funds	\$ 3,147,316
Federal Funds	-
Total Limitation	\$ 3,147,316

2021-23 STAFFING IMPACT

None

REVENUE SOURCE

No limitation

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 170 NARRATIVE

TITLE: DEQ REORGANIZATION TO IMPROVE AGENCY OUTCOMES
PRIORITY RANK – GENERAL FUND: 6

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

PURPOSE

Add three key positions to implement restructuring of DEQ's programs and divisions, designed to significantly improve agency decision-making and transparency.

HOW ACHIEVED

Over the past year, DEQ has restructured the agency to better support core programs and functions in the air, land and water divisions. DEQ designed this reorganization to dramatically improve the agency's ability to address permit backlogs, strengthen coordination between statewide and regional programs, and respond to urgent environmental challenges. To accomplish this work, the agency requests legislative approval of three key positions in its leadership structure.

Implementation Administrator. This new position links policy development and performance management in the agency's headquarters with implementation activities in DEQ's Eastern Region, Western Region, Northwest Region and the Office of Compliance and Enforcement. The most important function of this position is to ensure that performance expectations for core agency work are being met. Other key responsibilities of the position include the following:

- Ensure strong connection and communication between the agency's headquarters functions and its regional offices.
- Serve as the point person representing regional managers and staff in policy-making work at DEQ headquarters – to help ensure that policy and program development results are implementable within available resources.

- Manage the performance of the agency in its core regulatory roles of permitting and compliance.
- Resolve questions and conflicts over resource allocation among the regions where necessary to meet agency goals and priorities.
- Ensure regional delivery of air, water and land priority work such as issuing permits to eliminate NPDES and air quality permit backlogs.

Water Quality Deputy Administrator. Oregon's Water Quality Division faces significant challenges. Agency leadership is determined to address the longstanding backlog in water quality permits, and to implement protective water quality standards while also working with the regulated community to achieve those standards in a practical and reasonable fashion. The combination of significant policy development and process implementation efforts needed to set Oregon's clean water future on a stable and sustainable path demands having both a Water Quality Administrator (who is focusing on process efficiencies and implementation), and a Deputy Water Quality Administrator focusing on water quality standards and the development of the regulatory tools needed to implement them.

Administering Oregon's water quality program is extraordinarily challenging in terms of addressing significant environmental issues and navigating complex state and federal regulations, frequent litigation, and addressing significant programmatic challenges, such as the NPDES permit backlog. DEQ needs the Deputy Administrator to provide an adequate level of resource/leadership to the Water Quality Program to address these needs and achieve the Agency's objectives. This position supervises managers and day-to-day work of two sections – the Watershed Management section and Water Quality Standards and Assessments section, which includes DEQ's Total Maximum Daily Load program, Nonpoint Source Program, Drinking Water Source Water Protection program, Water Quality Standards, and Water Quality Assessments. This position is also responsible for leading work of these

AGENCY MANAGEMENT

sections and, along with the Water Quality Administrator, providing overall leadership for the Water Quality Program.

Policy and External Affairs Manager. This position oversees policy and budget development, legislative and external relations between the agency and its partners, and internal and external communications, ensuring the agency is engaging effectively with stakeholders, legislators, businesses and other interested parties. This position oversees five program areas and approximately 16 positions. This position has the lead responsibility for liaison work with the Legislature, the Environmental Quality Commission, coordination with the Governor's Office and other state agencies to develop legislative concepts, budget proposals and respond to constituent concerns.

2019-21 STAFFING IMPACT

PROGRAM & DCR		AQ	WQ	LQ	AM	TOTAL	
POSITION	POS. #	001-12	002-23	003-32	004-41	FTE	
PEM G	Implementation Administrator	3500	0.34	0.33	0.33	1.00	
PEM F	Policy & External Affairs Mgr	3502			1.00	1.00	
PEM F	WQ Administrator	3504		1.00		1.00	
Total			0.34	1.33	0.33	1.00	3.00

REVENUE SOURCE

PROGRAM	AQ	WQ	LQ	AM	Total
DCR	001-12	002-23	003-32	004-41	Total
GENERAL	169,615	621,631	169,524		960,770
OTHER	-	-	-	377,967	377,967
Total	169,615	621,631	169,524	377,967	1,338,737

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

**Environmental Quality, Dept of
2019-21 Biennium**

Agency Number: 34000

Cross Reference Number: 34000-003-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Other Funds						
Business Lic and Fees	33,583,990	35,043,234	35,043,234	46,672,957	44,492,957	-
Non-business Lic. and Fees	860,325	743,000	743,000	779,700	779,700	-
Charges for Services	16,576,508	19,949,368	19,949,368	21,410,155	21,410,155	-
Admin and Service Charges	131	-	-	-	-	-
Fines and Forfeitures	294,883	255,000	255,000	205,600	205,600	-
Interest Income	528,862	306,164	306,164	442,347	442,347	-
Loan Repayments	165,000	-	-	-	-	-
Other Revenues	616,045	510,000	510,000	350,000	350,000	-
Transfer In - Intrafund	2,910,790	4,722,500	4,722,500	5,182,500	5,182,500	-
Tsfr From Revenue, Dept of	2,026,418	2,127,859	2,127,859	2,155,444	2,155,444	-
Tsfr From Police, Dept of State	28,390	50,000	50,000	50,000	50,000	-
Transfer Out - Intrafund	(1,291,057)	(1,253,089)	(1,253,089)	(1,240,571)	(1,240,571)	-
Transfer Out - Indirect Cost	(5,516,598)	(6,944,845)	(7,096,944)	(8,831,435)	(8,664,234)	-
Tsfr To Oregon Health Authority	(150,000)	-	-	-	-	-
Total Other Funds	\$50,633,687	\$55,509,191	\$55,357,092	\$67,176,697	\$65,163,898	-
Federal Funds						
Federal Funds	7,058,490	8,359,021	8,359,021	8,739,094	8,739,094	-
Transfer Out - Indirect Cost	(966,756)	(991,023)	(1,005,446)	(1,188,210)	(1,188,210)	-
Total Federal Funds	\$6,091,734	\$7,367,998	\$7,353,575	\$7,550,884	\$7,550,884	-

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2019-21 Biennium

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____ Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	20,223	-	-	-	-	-	20,223
Total Revenues	\$20,223	-	-	-	-	-	\$20,223
Transfers Out							
Transfer Out - Indirect Cost	-	-	(210,768)	(30,365)	-	-	(241,133)
Total Transfers Out	-	-	(\$210,768)	(\$30,365)	-	-	(\$241,133)
Personal Services							
Temporary Appointments	-	-	6,906	1,977	-	-	8,883
Overtime Payments	-	-	184	870	-	-	1,054
Shift Differential	-	-	109	130	-	-	239
All Other Differential	-	-	5,551	-	-	-	5,551
Public Employees' Retire Cont	-	-	991	169	-	-	1,160
Pension Obligation Bond	5,391	-	102,178	5,677	-	-	113,246
Social Security Taxes	-	-	975	228	-	-	1,203
Mass Transit Tax	595	-	12,855	-	-	-	13,450
Vacancy Savings	14,237	-	843,569	130,877	-	-	988,683
Total Personal Services	\$20,223	-	\$973,318	\$139,928	-	-	\$1,133,469
Total Expenditures							
Total Expenditures	20,223	-	973,318	139,928	-	-	1,133,469
Total Expenditures	\$20,223	-	\$973,318	\$139,928	-	-	\$1,133,469

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2019-21 Biennium

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Legislatively Adopted
Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	(1,184,086)	(170,293)	-	-	(1,354,379)
Total Ending Balance	-	-	(\$1,184,086)	(\$170,293)	-	-	(\$1,354,379)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(50,000)	-	-	-	-	-	(50,000)
Total Revenues	(\$50,000)	-	-	-	-	-	(\$50,000)
Services & Supplies							
Professional Services	(50,000)	-	-	-	-	-	(50,000)
Total Services & Supplies	(\$50,000)	-	-	-	-	-	(\$50,000)
Total Expenditures							
Total Expenditures	(50,000)	-	-	-	-	-	(50,000)
Total Expenditures	(\$50,000)	-	-	-	-	-	(\$50,000)
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	7,590	-	-	-	-	-	7,590
Total Revenues	\$7,590	-	-	-	-	-	\$7,590
Transfers Out							
Transfer Out - Intrafund	-	-	(10,193)	-	-	-	(10,193)
Total Transfers Out	-	-	(\$10,193)	-	-	-	(\$10,193)
Services & Supplies							
Instate Travel	164	-	4,899	1,920	-	-	6,983
Out of State Travel	17	-	865	149	-	-	1,031
Employee Training	178	-	10,873	975	-	-	12,026
Office Expenses	205	-	17,126	890	-	-	18,221
Telecommunications	264	-	10,837	1,691	-	-	12,792
Data Processing	70	-	1,533	80	-	-	1,683
Publicity and Publications	1	-	119	1	-	-	121
Professional Services	-	-	872,219	45,051	-	-	917,270
IT Professional Services	66	-	315	-	-	-	381
Attorney General	-	-	203,736	9,679	-	-	213,415
Dispute Resolution Services	3	-	13	-	-	-	16
Employee Recruitment and Develop	3	-	138	10	-	-	151
Dues and Subscriptions	8	-	805	16	-	-	829
Facilities Rental and Taxes	1,859	-	91,364	13,673	-	-	106,896
Fuels and Utilities	68	-	1,359	298	-	-	1,725
Facilities Maintenance	8	-	153	21	-	-	182

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Agency Program Related S and S	25	-	1,586	56	-	-	1,667
Intra-agency Charges	3,697	-	-	-	-	-	3,697
Other Services and Supplies	766	-	61,306	10,311	-	-	72,383
Expendable Prop 250 - 5000	79	-	2,655	437	-	-	3,171
IT Expendable Property	109	-	5,918	317	-	-	6,344
Total Services & Supplies	\$7,590	-	\$1,287,819	\$85,575	-	-	\$1,380,984
Capital Outlay							
Technical Equipment	-	-	4,605	-	-	-	4,605
Data Processing Software	-	-	469	-	-	-	469
Data Processing Hardware	-	-	1,789	-	-	-	1,789
Total Capital Outlay	-	-	\$6,863	-	-	-	\$6,863
Special Payments							
Dist to Other Gov Unit	-	-	41,459	-	-	-	41,459
Dist to Non-Gov Units	-	-	1,612	-	-	-	1,612
Spc Pmt to Police, Dept of State	-	-	-	-	-	-	-
Total Special Payments	-	-	\$43,071	-	-	-	\$43,071
Total Expenditures							
Total Expenditures	7,590	-	1,337,753	85,575	-	-	1,430,918
Total Expenditures	\$7,590	-	\$1,337,753	\$85,575	-	-	\$1,430,918

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	(1,347,946)	(85,575)	-	-	(1,433,521)
Total Ending Balance	-	-	(\$1,347,946)	(\$85,575)	-	-	(\$1,433,521)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 033 - Exceptional Inflation

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	10,765	-	-	-	-	-	10,765
Total Revenues	\$10,765	-	-	-	-	-	\$10,765
Services & Supplies							
Intra-agency Charges	10,765	-	-	-	-	-	10,765
Total Services & Supplies	\$10,765	-	-	-	-	-	\$10,765
Total Expenditures							
Total Expenditures	10,765	-	-	-	-	-	10,765
Total Expenditures	\$10,765	-	-	-	-	-	\$10,765
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 060 - Technical Adjustments**

**Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	56,969	-	-	-	56,969
Total Transfers Out	-	-	\$56,969	-	-	-	\$56,969
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	(181,464)	-	-	-	(181,464)
Empl. Rel. Bd. Assessments	-	-	(61)	-	-	-	(61)
Public Employees' Retire Cont	-	-	(30,794)	-	-	-	(30,794)
Social Security Taxes	-	-	(13,882)	-	-	-	(13,882)
Worker's Comp. Assess. (WCD)	-	-	(58)	-	-	-	(58)
Mass Transit Tax	-	-	(1,089)	-	-	-	(1,089)
Flexible Benefits	-	-	(35,184)	-	-	-	(35,184)
Total Personal Services	-	-	(\$262,532)	-	-	-	(\$262,532)
Total Expenditures							
Total Expenditures	-	-	(262,532)	-	-	-	(262,532)
Total Expenditures	-	-	(\$262,532)	-	-	-	(\$262,532)
Ending Balance							
Ending Balance	-	-	319,501	-	-	-	319,501
Total Ending Balance	-	-	\$319,501	-	-	-	\$319,501

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 060 - Technical Adjustments

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							(1)
Total Positions	-	-	-	-	-	-	(1)
Total FTE							
Total FTE							(1.00)
Total FTE	-	-	-	-	-	-	(1.00)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 090 - Analyst Adjustments

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(42,804)	-	-	-	-	-	(42,804)
Total Revenues	(\$42,804)	-	-	-	-	-	(\$42,804)
Personal Services							
Vacancy Savings	(36,738)	-	-	-	-	-	(36,738)
Total Personal Services	(\$36,738)	-	-	-	-	-	(\$36,738)
Services & Supplies							
Intra-agency Charges	(6,066)	-	-	-	-	-	(6,066)
Total Services & Supplies	(\$6,066)	-	-	-	-	-	(\$6,066)
Total Expenditures							
Total Expenditures	(42,804)	-	-	-	-	-	(42,804)
Total Expenditures	(\$42,804)	-	-	-	-	-	(\$42,804)
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 091 - Statewide Adjustment DAS Chgs

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(12,498)	-	-	-	-	-	(12,498)
Total Revenues	(\$12,498)	-	-	-	-	-	(\$12,498)
Services & Supplies							
Data Processing	-	-	(9,278)	-	-	-	(9,278)
Facilities Rental and Taxes	(12,498)	-	(29,190)	-	-	-	(41,688)
Other Services and Supplies	-	-	(44,992)	-	-	-	(44,992)
Total Services & Supplies	(\$12,498)	-	(\$83,460)	-	-	-	(\$95,958)
Total Expenditures							
Total Expenditures	(12,498)	-	(83,460)	-	-	-	(95,958)
Total Expenditures	(\$12,498)	-	(\$83,460)	-	-	-	(\$95,958)
Ending Balance							
Ending Balance	-	-	83,460	-	-	-	83,460
Total Ending Balance	-	-	\$83,460	-	-	-	\$83,460

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 092 - Statewide AG Adjustment

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Attorney General	-	-	(72,312)	(3,435)	-	-	(75,747)
Total Services & Supplies	-	-	(\$72,312)	(\$3,435)	-	-	(\$75,747)
Total Expenditures							
Total Expenditures	-	-	(72,312)	(3,435)	-	-	(75,747)
Total Expenditures	-	-	(\$72,312)	(\$3,435)	-	-	(\$75,747)
Ending Balance							
Ending Balance	-	-	72,312	3,435	-	-	75,747
Total Ending Balance	-	-	\$72,312	\$3,435	-	-	\$75,747

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 130 - Statewide Collection of Unwanted Medication

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 130 - Statewide Collection of Unwanted Medication

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Publicity and Publications	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Attorney General	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 130 - Statewide Collection of Unwanted Medication

Cross Reference Name: Land Quality
 Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 131 - Maintain Heating Oil Tank Program

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	425,000	-	-	-	425,000
Total Revenues	-	-	\$425,000	-	-	-	\$425,000
Ending Balance							
Ending Balance	-	-	425,000	-	-	-	425,000
Total Ending Balance	-	-	\$425,000	-	-	-	\$425,000

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 132 - Maintain and Enhance Oil Spill Prevention**

**Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	120,024	-	-	-	120,024
Empl. Rel. Bd. Assessments	-	-	61	-	-	-	61
Public Employees' Retire Cont	-	-	20,368	-	-	-	20,368
Social Security Taxes	-	-	9,182	-	-	-	9,182
Worker's Comp. Assess. (WCD)	-	-	58	-	-	-	58
Mass Transit Tax	-	-	720	-	-	-	720
Flexible Benefits	-	-	35,184	-	-	-	35,184
Total Personal Services	-	-	\$185,597	-	-	-	\$185,597
Services & Supplies							
Instate Travel	-	-	1,467	-	-	-	1,467
Out of State Travel	-	-	173	-	-	-	173
Employee Training	-	-	1,594	-	-	-	1,594
Office Expenses	-	-	2,337	-	-	-	2,337
Telecommunications	-	-	2,776	-	-	-	2,776
Data Processing	-	-	793	-	-	-	793

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 132 - Maintain and Enhance Oil Spill Prevention**

**Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Publicity and Publications	-	-	12	-	-	-	12
IT Professional Services	-	-	886	-	-	-	886
Dispute Resolution Services	-	-	42	-	-	-	42
Employee Recruitment and Develop	-	-	15	-	-	-	15
Dues and Subscriptions	-	-	77	-	-	-	77
Fuels and Utilities	-	-	262	-	-	-	262
Facilities Maintenance	-	-	65	-	-	-	65
Agency Program Related S and S	-	-	96	-	-	-	96
Other Services and Supplies	-	-	26,223	-	-	-	26,223
Expendable Prop 250 - 5000	-	-	531	-	-	-	531
IT Expendable Property	-	-	1,151	-	-	-	1,151
Total Services & Supplies	-	-	\$38,500	-	-	-	\$38,500
Total Expenditures							
Total Expenditures	-	-	224,097	-	-	-	224,097
Total Expenditures	-	-	\$224,097	-	-	-	\$224,097
Ending Balance							
Ending Balance	-	-	(224,097)	-	-	-	(224,097)
Total Ending Balance	-	-	(\$224,097)	-	-	-	(\$224,097)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 132 - Maintain and Enhance Oil Spill Prevention

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							1
Total Positions	-	-	-	-	-	-	1
Total FTE							
Total FTE							1.00
Total FTE	-	-	-	-	-	-	1.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 133 - Safe Transport of Hazardous Materials by Rail

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Business Lic and Fees	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Transfers Out							
Transfer Out - Indirect Cost	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	260,976	-	-	-	260,976
Empl. Rel. Bd. Assessments	-	-	122	-	-	-	122
Public Employees' Retire Cont	-	-	44,288	-	-	-	44,288
Social Security Taxes	-	-	19,964	-	-	-	19,964
Worker's Comp. Assess. (WCD)	-	-	116	-	-	-	116
Mass Transit Tax	-	-	1,566	-	-	-	1,566
Flexible Benefits	-	-	70,368	-	-	-	70,368
Total Personal Services	-	-	\$397,400	-	-	-	\$397,400
Services & Supplies							
Instate Travel	-	-	12,934	-	-	-	12,934
Out of State Travel	-	-	346	-	-	-	346
Employee Training	-	-	3,188	-	-	-	3,188
Office Expenses	-	-	4,674	-	-	-	4,674
Telecommunications	-	-	5,552	-	-	-	5,552
Data Processing	-	-	1,586	-	-	-	1,586

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 133 - Safe Transport of Hazardous Materials by Rail

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Publicity and Publications	-	-	24	-	-	-	24
IT Professional Services	-	-	1,772	-	-	-	1,772
Dispute Resolution Services	-	-	84	-	-	-	84
Employee Recruitment and Develop	-	-	30	-	-	-	30
Dues and Subscriptions	-	-	154	-	-	-	154
Fuels and Utilities	-	-	524	-	-	-	524
Facilities Maintenance	-	-	130	-	-	-	130
Agency Program Related S and S	-	-	192	-	-	-	192
Other Services and Supplies	-	-	102,446	-	-	-	102,446
Expendable Prop 250 - 5000	-	-	1,062	-	-	-	1,062
IT Expendable Property	-	-	2,302	-	-	-	2,302
Total Services & Supplies	-	-	\$137,000	-	-	-	\$137,000
Total Expenditures							
Total Expenditures	-	-	534,400	-	-	-	534,400
Total Expenditures	-	-	\$534,400	-	-	-	\$534,400
Ending Balance							
Ending Balance	-	-	(534,400)	-	-	-	(534,400)
Total Ending Balance	-	-	(\$534,400)	-	-	-	(\$534,400)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 133 - Safe Transport of Hazardous Materials by Rail

Cross Reference Name: Land Quality
 Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							2
Total Positions	-	-	-	-	-	-	2
Total FTE							
Total FTE							2.00
Total FTE	-	-	-	-	-	-	2.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 134 - Statewide Emerg. Spill Response/Preparedness

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	604,559	-	-	-	-	-	604,559
Total Revenues	\$604,559	-	-	-	-	-	\$604,559
Personal Services							
Class/Unclass Sal. and Per Diem	243,864	-	-	-	-	-	243,864
Empl. Rel. Bd. Assessments	122	-	-	-	-	-	122
Public Employees' Retire Cont	41,384	-	-	-	-	-	41,384
Social Security Taxes	18,655	-	-	-	-	-	18,655
Worker's Comp. Assess. (WCD)	116	-	-	-	-	-	116
Mass Transit Tax	1,463	-	-	-	-	-	1,463
Flexible Benefits	70,368	-	-	-	-	-	70,368
Total Personal Services	\$375,972	-	-	-	-	-	\$375,972
Services & Supplies							
Instate Travel	12,934	-	-	-	-	-	12,934
Out of State Travel	346	-	-	-	-	-	346
Employee Training	3,188	-	-	-	-	-	3,188
Office Expenses	4,674	-	-	-	-	-	4,674
Telecommunications	5,552	-	-	-	-	-	5,552
Data Processing	1,586	-	-	-	-	-	1,586
Publicity and Publications	24	-	-	-	-	-	24
IT Professional Services	1,772	-	-	-	-	-	1,772
Dispute Resolution Services	84	-	-	-	-	-	84
Employee Recruitment and Develop	30	-	-	-	-	-	30

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 134 - Statewide Emerg. Spill Response/Preparedness

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	154	-	-	-	-	-	154
Fuels and Utilities	524	-	-	-	-	-	524
Facilities Maintenance	130	-	-	-	-	-	130
Agency Program Related S and S	192	-	-	-	-	-	192
Intra-agency Charges	81,587	-	-	-	-	-	81,587
Other Services and Supplies	112,446	-	-	-	-	-	112,446
Expendable Prop 250 - 5000	1,062	-	-	-	-	-	1,062
IT Expendable Property	2,302	-	-	-	-	-	2,302
Total Services & Supplies	\$228,587	-	-	-	-	-	\$228,587
Total Expenditures							
Total Expenditures	604,559	-	-	-	-	-	604,559
Total Expenditures	\$604,559	-	-	-	-	-	\$604,559
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							2
Total Positions	-	-	-	-	-	-	2

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 134 - Statewide Emerg. Spill Response/Preparedness

Cross Reference Name: Land Quality
 Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							2.00
Total FTE	-	-	-	-	-	-	2.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 136 - Solid Waste Orphan Site Cleanups**

**Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Indirect Cost	-	-	(115,407)	-	-	-	(115,407)
Total Transfers Out	-	-	(\$115,407)	-	-	-	(\$115,407)
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	340,128	-	-	-	340,128
Empl. Rel. Bd. Assessments	-	-	183	-	-	-	183
Public Employees' Retire Cont	-	-	57,720	-	-	-	57,720
Social Security Taxes	-	-	26,019	-	-	-	26,019
Worker's Comp. Assess. (WCD)	-	-	174	-	-	-	174
Mass Transit Tax	-	-	2,040	-	-	-	2,040
Flexible Benefits	-	-	105,552	-	-	-	105,552
Total Personal Services	-	-	\$531,816	-	-	-	\$531,816
Services & Supplies							
Instate Travel	-	-	4,401	-	-	-	4,401
Out of State Travel	-	-	519	-	-	-	519
Employee Training	-	-	4,782	-	-	-	4,782
Office Expenses	-	-	7,011	-	-	-	7,011
Telecommunications	-	-	8,328	-	-	-	8,328
Data Processing	-	-	2,379	-	-	-	2,379
Publicity and Publications	-	-	36	-	-	-	36
Professional Services	-	-	2,500,000	-	-	-	2,500,000
IT Professional Services	-	-	2,658	-	-	-	2,658
Dispute Resolution Services	-	-	126	-	-	-	126

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 136 - Solid Waste Orphan Site Cleanups**

**Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Employee Recruitment and Develop	-	-	45	-	-	-	45
Dues and Subscriptions	-	-	231	-	-	-	231
Fuels and Utilities	-	-	786	-	-	-	786
Facilities Maintenance	-	-	195	-	-	-	195
Agency Program Related S and S	-	-	288	-	-	-	288
Other Services and Supplies	-	-	78,669	-	-	-	78,669
Expendable Prop 250 - 5000	-	-	1,593	-	-	-	1,593
IT Expendable Property	-	-	3,453	-	-	-	3,453
Total Services & Supplies	-	-	\$2,615,500	-	-	-	\$2,615,500
Total Expenditures							
Total Expenditures	-	-	3,147,316	-	-	-	3,147,316
Total Expenditures	-	-	\$3,147,316	-	-	-	\$3,147,316
Ending Balance							
Ending Balance	-	-	(3,262,723)	-	-	-	(3,262,723)
Total Ending Balance	-	-	(\$3,262,723)	-	-	-	(\$3,262,723)
Total Positions							
Total Positions							3
Total Positions	-	-	-	-	-	-	3

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 136 - Solid Waste Orphan Site Cleanups

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							3.00
Total FTE	-	-	-	-	-	-	3.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-
Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Land Quality
Cross Reference Number: 34000-003-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Intra-agency Charges	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0000053	AD	C1244	AP FISCAL ANALYST 2	1-	1.00-	24.00-	09	6,585.00		158,040- 74,212-			158,040- 74,212-
0000067	AD	C1244	AP FISCAL ANALYST 2	1	1.00	24.00	09	6,585.00		158,040 74,212			158,040 74,212
0002950	MMN	X0872	AP OPERATIONS & POLICY ANALYST 3	1-	1.00-	24.00-	07	7,561.00		181,464- 79,979-			181,464- 79,979-
TOTAL PICS SALARY										181,464-			181,464-
TOTAL PICS OPE										79,979-			79,979-
TOTAL PICS PERSONAL SERVICES =				1-	1.00-	24.00-				261,443-			261,443-

PACKAGE: 132 - Maintain and Enhance Oil Spill

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003520	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1	1.00	24.00	02	5,001.00		120,024 64,853			120,024 64,853
TOTAL PICS SALARY										120,024			120,024
TOTAL PICS OPE										64,853			64,853
TOTAL PICS PERSONAL SERVICES =				1	1.00	24.00				184,877			184,877

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003521	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
0003522	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00		130,488 67,429			130,488 67,429
TOTAL PICS SALARY										260,976			260,976
TOTAL PICS OPE										134,858			134,858
TOTAL PICS PERSONAL SERVICES =				2	2.00	48.00				395,834			395,834

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003523	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	1.00	24.00	02	4,724.00	113,376 63,216				113,376 63,216
0003524	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1	1.00	24.00	02	5,437.00	130,488 67,429				130,488 67,429
TOTAL PICS SALARY									243,864				243,864
TOTAL PICS OPE									130,645				130,645
TOTAL PICS PERSONAL SERVICES =				2	2.00	48.00			374,509				374,509

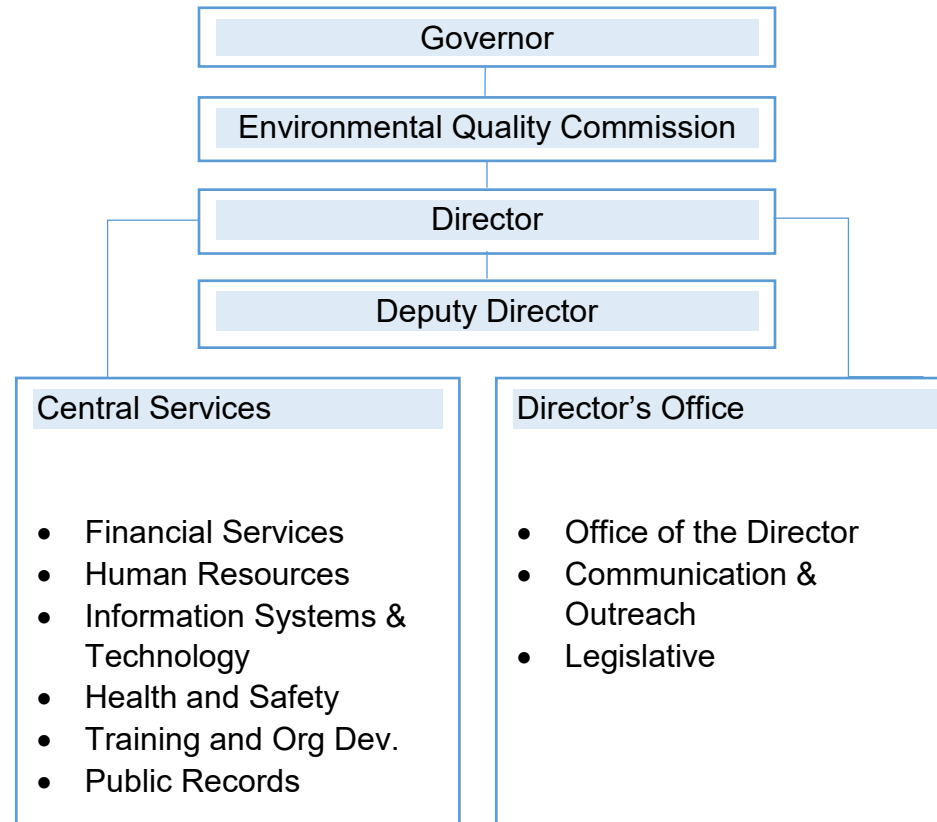
POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003517	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	1.00	24.00	02	4,724.00		113,376 63,216			113,376 63,216
0003518	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	1.00	24.00	02	4,724.00		113,376 63,216			113,376 63,216
0003519	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1	1.00	24.00	02	4,724.00		113,376 63,216			113,376 63,216
TOTAL PICS SALARY										340,128			340,128
TOTAL PICS OPE										189,648			189,648
TOTAL PICS PERSONAL SERVICES =				3	3.00	72.00				529,776			529,776

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State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality Agency Management Organizational Chart



AGENCY MANAGEMENT

EXECUTIVE SUMMARY

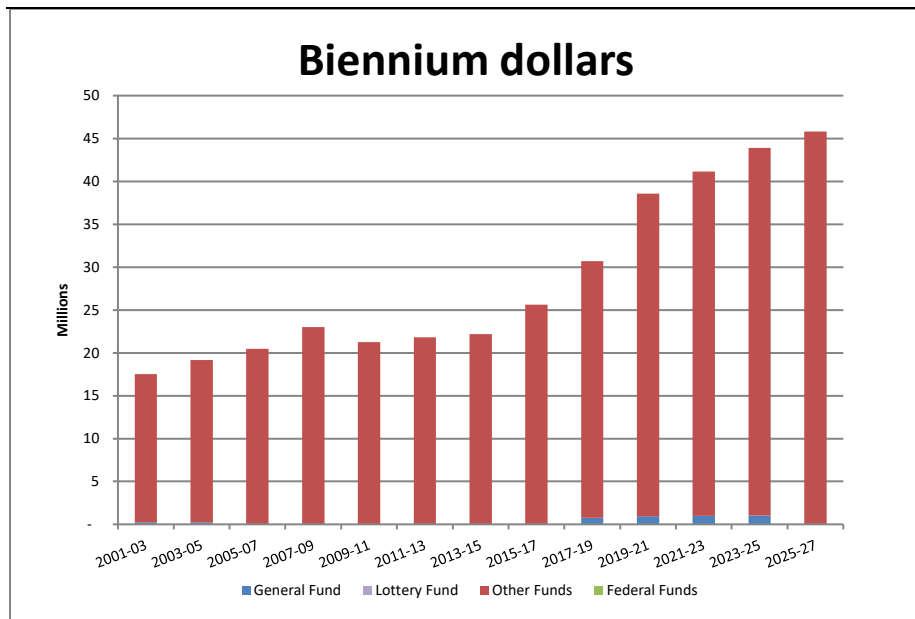
DEQ's Agency Management supports all agency programs. Agency programs are mapped to:

Primary Outcome Area:
Responsible Environmental Stewardship

Secondary Outcome Area:
Excellence in State Government

Program Contact:
Scott Brewen, Central Services Division administrator

TOTAL FUNDS BUDGET OVER TIME



Note: Units of service not established for this program.

PROGRAM OVERVIEW

Agency Management provides leadership, fiscal management, central services and technical support to accomplish DEQ's goals and objectives. Agency Management includes the Office of the Director, the Office of Outcome-based Management, Policy and External Affairs, the Office of Compliance and Enforcement and the Central Services division.

PROGRAM FUNDING

DEQ's 2017-19 Legislatively Adopted Budget provides \$27,300,308 (indirect funding) with 84.43 full-time-equivalent employees.

PROGRAM DESCRIPTION

Agency Management's work is detailed below.

- The Office of the Director provides leadership, policy formation and guidance, intra- and inter-agency coordination, and review and issue of agency enforcement actions.
- The Central Services Division ensures that DEQ satisfies the legal and administrative requirements relating to human resources, organizational development, policy development and implementation, health and safety, budgeting, accounting and information and business systems.
- The Office of Policy and External Affairs directs the development of the agency's legislative agenda; supports the Oregon Environmental Quality Commission; manages DEQ's internal and external communications; is a point of contact for a legislator or other elected officials and their staff to get information about DEQ or the environment; and implements, integrates and supports DEQ's outcome based management system.

AGENCY MANAGEMENT

- DEQ ensures compliance with the state's environmental laws through its Office of Compliance and Enforcement.

PROGRAM JUSTIFICATION AND LINK TO LONG TERM OUTCOMES

Agency Management provides leadership, fiscal management and central services to ensure that DEQ's activities comply with legal requirements. The program supports all DEQ programs; agency programs link to the Responsible Environmental Stewardship and Excellence in State Government outcome areas.

PROGRAM PERFORMANCE

DEQ uses outcome-based management system to track progress in meeting goals. When goals are not met, the agency engages in process improvement activities to improve performance. DEQ has developed, and tracks, measures related to its Agency Management functions, which are reviewed quarterly to assess performance in the following areas:

- Employee engagement
 - Percentage of engaged employees (based on employee engagement survey)
 - Number of days to hire staff
 - Percent of employees engaged in career development
- Workplace safety
 - Number of workplace injuries requiring medical attention
 - Total cost of medical expenses, time loss, and equipment repair or replacement due to accidents and injuries
 - Facility/site inspections completed according to plan
 - Safety hazards corrected by deadline
 - Number of accidents per 325,000 miles driven statewide
- Meeting operational requirements

- Timely completion of records requests
- Managing financial resources
 - Percent of underutilized vehicles
 - Percent of SPOTS logs without errors
 - Percent of days meeting deposit timeliness standard
 - Number of days to pay an invoice
- Providing information infrastructure
 - Percent of information technology project milestones achieved on schedule
- Enforcing environmental law
 - Percentage of cases in compliance with scheduled compliance date (compliance orders, default final orders and mutual agreements/orders)

Additionally, the following outcomes are measured and tracked:

- Customer experience: percent of responses to a customer service survey ranking DEQ "very good" to "excellent" in six categories: overall quality of service; ability to provide services correctly first time; knowledge and expertise; timeliness; availability of information at DEQ; and helpfulness of DEQ.
- Process performance: percent of core processes meeting measurement goals; percent of processes involved in process improvement

ENABLING LEGISLATION/PROGRAM AUTHORIZATION

Oregon Revised Statutes 468.030, 468.035 and 468.045 establish authority for the Department of Environmental Quality.

PROGRAM FUNDING

Agency Management has 80.28 FTE (at CSL), funded mostly by indirect funding.

AGENCY MANAGEMENT

SIGNIFICANT PROPOSED PROGRAM CHANGES FROM 2017-19 FUNDING

For 2019-21, Agency Management is requesting six policy packages totaling \$8,257,044, in \$945,079 General Fund, and \$7,311,965 in indirect funding.

- Policy Package 140 requests 7.0 FTE to complete an interactive, up-to-date and transparent environmental data management system for permitting and business processes.
- Policy Package 141 requests funding to support the migration of the agency's server infrastructure to the State Datacenter, which would provide infrastructure management and 24/7 monitoring and support. ***(Not approved at GRB)***
- Policy Package 142 requests 7.0 FTE to meet the human resource, procurement, contract management, IT and financial service needs of new agency staff and work. ***(Not approved at GRB)***
- Policy Package 143 requests 1.0 FTE to meet the agency's internal auditing needs.
- Policy Package 144 requests 1.0 FTE to support DEQ's compliance with the Title VI of the federal Civil Rights Act and environmental justice requirements.
- Policy Package 170 requests 3.0 FTE (1.0 FTE funded in Agency Management) to support DEQ's recent reorganization and improve program alignment and outcomes. ***(Not approved at GRB)***

AGENCY MANAGEMENT

PROGRAM NARRATIVE

OVERVIEW

Agency Management (80.28 FTE) provides leadership, fiscal management and central services for agency programs and customers. Agency Management includes the Office of the Director, the Office of Compliance and Enforcement and the Central Services Division.

Agency Management customers include internal agency programs, the regulated community, the public, the Legislature, the Environmental Quality Commission and other partners and stakeholder groups.

DEQ supports most management services FTE on indirect funding (Agency Management), though some are budgeted through other DEQ programs.

ACTIVITIES AND PROGRAMS

Director's Office

The Director's Office includes the agency director, deputy director, executive support staff, and the Office of Policy and External Affairs (OPEA). OPEA has lead responsibility for liaison work with the Legislature, internal and external communication and supporting the Environmental Quality Commission. OPEA coordinates with the Governor's Office and other state agencies, develops the agency request budget and legislative concepts for the agency, and manages implementation, integration and support of DEQ's performance management system.

Office of Compliance and Enforcement

The Office of Compliance and Enforcement (OCE) is funded through the Air, Water and Land Quality programs and managed through the Office of the Director. OCE supports DEQ regional offices where staff carry out compliance and inspection activities. When regulated entities fail to comply with the law, OCE works with staff to carry out enforcement actions when necessary and appropriate, such as civil penalties or

enforcement orders. OCE also participates in an environmental crimes coordination team. As part of that work, DEQ funds a state trooper and works with the Oregon Department of Justice environmental crimes investigation and prosecution unit. DEQ also works with district attorneys and the federal Environmental Protection Agency on enforcement actions in some cases.

Central Services Division

The Central Services Division provides agency-level policy, training and organizational development, health and safety compliance oversight, facility and fleet management, information systems support and management, accounting, budget management, procurement and contracting, and human resources. The division also manages the agency's public records program.

IMPORTANT BUDGET ISSUES FOR AGENCY MANAGEMENT

During the 2019-21 biennium, Agency Management expects to focus its efforts and resources on the following matters: improving efficiency and service delivery to both internal and external customers:

- **Transparent and effective processes and systems.** Secure and stable IT infrastructure and modernized financial, records management, and environmental data management systems will deliver more accurate and timely information to internal and external stakeholders and allow DEQ to more effectively deliver services to the public. The retirement of older IT systems and the digitizing of records will improve security and transparency of DEQ operations.
- **Process improvement.** As part of its ongoing efforts, DEQ will continue to build capacity through process improvement activities, including problem solving events and a continued commitment to performance management.
- **Infrastructure improvement.** DEQ's big focus for the coming biennium is to ensure that our information systems are secure and that the content on our website is readily available and understandable. Continued implementation of the agency's Environmental Data Management System (EDMS) is a principal element of this work. Another major focus area is addressing information security vulnerabilities.

AGENCY MANAGEMENT

AGENCY MANAGEMENT POLICY OPTION PACKAGES

- 140 – Environmental Data Management System. DEQ requests additional bonding authority and General Fund to support completion of EDMS project.
- 141 – Technology Infrastructure. DEQ requests General Fund to support one-time and ongoing costs associated with moving some information technology functions to the State Data Center and to cloud services. **(Not approved at GRB)**
- 142 – Central Services Support. DEQ requests IT, HR, accounting and procurement positions in anticipation of receiving additional Air, Land and Water Quality program staffing. **(Not approved at GRB)**
- 143 – Internal Auditor. DEQ currently supports 0.2 FTE to carry out internal audit functions, in conjunction with an internal audit committee. Given DEQ's functions involve public health, as well as increasingly significant transactional work (EV rebates, Clean Fuels credits, and handling tens of millions of dollars in VW settlement funds) DEQ requests funding for a full-time internal auditor who will help the agency prioritize areas of risk and develop recommendations to minimize those risks
- 144 – Environmental Justice Coordination. Participates actively with Oregon's Environmental Justice Task Force. The agency's programs are important influences on public health in communities, including under-represented communities. DEQ has worked to address environmental justice issues in administering its existing programs, but there is a major need for a more consistent and coordinated effort to do so going forward. As the delegated authority to implement a number of federal environmental programs, DEQ also has legal obligations under federal law to address environmental justice and civil rights.
- 170 – DEQ Reorganization. DEQ requests positions to support implementation of DEQ's recent reorganization. **(Not approved at GRB)**

AGENCY MANAGEMENT

LOTTERY, OTHER, AND FEDERAL FUND REVENUE

BOND FUND AND MISCELLANEOUS RECEIPTS

DEQ draws funds from the Pollution Control Sinking Fund and from the operating programs to cover the administrative costs in the Agency Management program for bond fund activity. Since 1983-85, all non-program costs related to this activity have been budgeted and accounted for in the Agency Management program. DEQ also receives funds from non-DEQ sources for reimbursement of some of DEQ's travel costs associated with various environmental workshops and conferences.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$47,528	\$90,713	\$4,519	\$19,874	\$113,848
7/1/19 - 6/30/21	\$37,977	\$90,713	\$5,677	\$3,447	\$119,566

AGENCY MANAGEMENT

INDIRECT REVENUE AND EDMS BOND PROCEEDS

DEQ negotiates the indirect-cost revenue with the U.S. Environmental Protection Agency and calculates it as a percentage of Personal Services expenditures in programs outside of Agency Management. DEQ will negotiate the actual indirect rate with EPA based on the approved budget.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$1,730,008	\$25,343,973	\$0	\$1,359,935	\$25,714,046
7/1/19 - 6/30/21	\$3,008,914	\$32,951,831	\$0	\$6,617,680	\$29,343,065

AGENCY MANAGEMENT

CENTRAL GOVERNMENT SERVICE CHARGE REVENUE

At DAS's request, DEQ pays for the central government services charge from the Agency Management budget. To maintain compliance with 2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles, And Audit Requirements For Federal Awards, the source of funds for the central government service charge is a revenue transfer from DEQ's Other Fund activities, specifically flagged as ineligible as match for our federal grants, and is prorated to those funds based upon budgeted FTE. DEQ keeps the funds separate from all other Agency Management funding sources.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$0	\$535,145	(\$75,181)	\$0	\$610,326
7/1/19 - 6/30/21	\$0	\$636,009	\$0	\$0	\$636,009

AGENCY MANAGEMENT

EDMS BOND PROCEEDS

EDMS bond proceeds from Article XI-Q will pay for the Environmental Data Monitoring System requested in policy package 140.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/19 - 6/30/21	\$0	\$7,034,700	\$0	\$1,911,407	\$5,123,293

AGENCY MANAGEMENT

SB 774 GREEN PERMITS (RECEIPTS AUTHORITY)

The Green Permits program is a voluntary, incentive-based program that rewards facilities for achieving environmental results beyond regulatory requirements. The 1997 Oregon Legislature authorized DEQ to issue Green Permits. Some of the regulatory incentives for participating facilities include a single point of contact within DEQ to coordinate environmental issues, extended permit durations and flexibility in making changes to a facility without triggering permit modifications. The program is funded through cost recovery, with applicants submitting up to a \$25,000 deposit with their application, depending on the facility. The Green Permits program sunset in January 2008, although the two remaining permits will not expire until 2016 and may continue past that date if the permits are renewed.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$798	\$1,843	\$0	\$957	\$1,684
7/1/19 - 6/30/21	\$0	\$1,725	\$0	\$68	\$1,657

AGENCY MANAGEMENT

TAX CREDIT FEES

As authorized by ORS 468.165, the Environmental Quality Commission adopted a fee schedule to cover the cost of approving or denying the Pollution Control Tax Credit for pollution control facilities. The fee schedule also covers the cost of certificate administration for ten years after the EQC has approved and issued a Pollution Control Facilities Certificate. Certificate administration includes reviewing the facility when the certificate holder no longer operates the facility consistent with the terms of the certification and may include transferring the certificate to a new owner, reissuing the certificate for a lesser amount or revoking the certificate. The EQC issued the last certificate in 2009. DEQ and the EQC manage certificate administration through 2018.

Summary of Projected Revenues

Period	Actual/Planned Beginning Balance	Actual/Estimated Revenue	Indirect Cost	Actual/Planned Ending Balance	Available For Program Use
7/1/17 - 6/30/19	\$164,079	\$2,403	\$3,983	\$129,797	\$32,702
7/1/19 - 6/30/21	\$199,747	\$0	\$204	\$183,607	\$15,937

AGENCY MANAGEMENT

ESSENTIAL PACKAGE NARRATIVE

TITLE: VACANCY FACTOR AND NON-PICS PERSONAL SERVICES (#010)

Purpose: To apply adjustments to personal services costs that are not generated by the Position Inventory Control System:

- Updates the vacancy factor to project budget savings reasonably expected from staff turnover
- Applies the standard general inflation factor of 3.70 percent to non-PICS generated personal services costs, such as temporaries, overtime and shift differential
- Adjusts for changes in the contribution for debt service on the Public Employee Retirement System pension obligation bonds
- Adjusts for mass transit taxes (excluding federal funds)

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
010	\$(25,748)	\$ 0	\$499,353	\$0

Staffing impact: None

TITLE: COST OF PHASED-IN PROGRAMS OR ONE-TIME INCREASES (#021)

Purpose: To apply non-Position Inventory Control System related budget adjustments to the cost of the program above the 2019-21 Base Budget level, after adjustments are made for start-up costs or other one-time expenditures funded in 2017-19.

How accomplished: After removing start-up or other one-time expenditures, ongoing services and supplies are biennialized to represent a full biennium's costs.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
021	\$0	\$ 0	\$ 0	\$ 0

Staffing impact: None

AGENCY MANAGEMENT

TITLE: COST OF PHASED-OUT PROGRAMS OR ONE-TIME ELIMINATIONS (#022)

Purpose: To apply non-Position Inventory Control System related budget adjustments to activities that phase-out in 2019-21, or eliminate one-time expenditures from the 2017-19 budget.

How accomplished: This package removes ongoing services and supplies associated with positions eliminated during the 2017-19 biennium, including limited duration positions. The package also removes one-time expenditures, such as capital outlay and special payments, not intended to continue into the 2019-21 biennium.

This package makes adjustments for expenditures related to the Environmental Data Management System (package 161) in Senate Bill 5018, and House Bill 5201, section 100.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
022	\$(478,488)	\$0	(3,009,050)	\$0

Staffing impact: None

TITLE: INFLATION AND PRICE LIST ADJUSTMENTS (#031, 032, 033)

Purpose: To apply inflation and price list adjustments are applied to services and supplies, capital outlay and special payment amounts in the 2019-21 Base budget.

How accomplished: Package 031 applies standard inflation, state government service charge and other price list adjustments as follows:

- General inflation of 3.80 percent
- Attorney general inflation of 20.14 percent
- State government service charge price list adjustments
- Central government service charge price list adjustments
- Self support rent agreement price list (DEQ Laboratory Facility)

Package 032 applies above standard inflation with BAM analyst approval.

Package 033 applies inflation rates requiring Exception Committee approval.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
031			\$2,082,134	
032				
033				

Staffing impact: None

AGENCY MANAGEMENT

TITLE: FUND SHIFTS (#050)

Purpose: To record position/budget shifts among funding types within the program.

How accomplished: This package shifts positions, services and supplies and capital outlay from Federal Funds to Other Funds to reflect changes in work and funding.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
050	\$0	\$ 0	\$ 0	\$ 0

Staffing impact: None

TITLE: TECHNICAL ADJUSTMENTS (#060)

Purpose: The package records technical adjustments that do not fit in the standard essential packages.

How accomplished:

- This package transfers FTE between SCR's to represent operational reality
- Shifts professional services to other services and supplies categories to align budget with current accounting practices.

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
060	\$0	\$ 0	\$ 0	\$ 0

Staffing impact: None

AGENCY MANAGEMENT

PROGRAM POLICY ADJUSTMENT PACKAGE NARRATIVE

REVENUE SHORTFALLS (#070)

Purpose: No adjustment packages at this time.

How accomplished:

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
070	\$ 0	\$ 0	\$ 0	\$ 0

Staffing impact: No impact

STATEWIDE ADJUSTMENT DAS CHGS (#091)

Purpose: This package represents changes to State Government Service Charges and DAS pricelist changes for services made for the Governor's Budget.

How accomplished:

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
091	\$ 0	\$ 0	\$ (470,061)	\$ 0

Staffing impact: No impact

TITLE: STATEWIDE AG ADJUSTMENT (#092)

Purpose: This package reduces Attorney General rates by 5.95 percent to reflect changes in the Governor's Budget.

How accomplished:

Budget:

Package	General Fund	Lottery Fund	Other Fund	Federal Fund
092	\$ 0	\$ 0	\$ (8,629)	\$ 0

Staffing impact: No impact

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 140 NARRATIVE

TITLE: ENVIRONMENTAL DATA MANAGEMENT SYSTEM
PRIORITY RANK – BONDS/LOANS/NON-LIMITED/DEBT
SERVICE: 1

PURPOSE

DEQ requests continued funding to complete an interactive, up-to-date and transparent system for permitting and business processes. This system, known as the Environmental Data Management System (or EDMS) will vastly improve services to the public and DEQ stakeholders, while standardizing and streamlining DEQ's internal business practices. This is a large-scale process improvement project with a significant IT procurement component, and thus is a Stage Gate project with the Office of the State Chief Information Officer. DEQ created a high-level business case and achieved Stage Gate 1 from OSCIO in February 2017. Since then, DEQ has performed business analysis for water quality permitting, solid waste and air quality permitting. DEQ created a more detailed business case and a project management plan, and achieved Stage Gate 2 from OSCIO, in February 2018. After retaining a Quality Assurance consultant, DEQ finished the EDMS software solution requirements and posted a Request for Proposal in August 2018. DEQ expects to achieve Stage Gate 3 from the OSCIO in December 2018. Immediately following that milestone, DEQ will undertake the EDMS software core system build. This will include critical functionality needed to support DEQ's permitting and business processes. Once DEQ receives responses from vendors and selects an EDMS software solution vendor, it will update vendor costs to reflect contract amounts.

HOW ACHIEVED

The majority of work DEQ needs to be complete for Stage Gate 3 endorsement includes procurement of the EDMS software solution. DEQ continues to work with OSCIO, DAS, DOJ, its Quality Assurance contractor and the ESO on this project, while using a mixture of staffing and contracted services to achieve Stage Gate 3 endorsement. The core system implementation will include specific permitting and business functionality and is expected to create a scalable foundation for future modules. Final scope details for the core system and future functionality implementation will be determined in Stage Gate 3. After the core functionality is successfully in place, DEQ will evaluate additional

functionality based on business value, complexity, and effort to determine which additional items to implement.

The 2018 Legislature approved \$1,104,979 in General Fund and \$2,965,300 in Other Funds for the first, core phase of EDMS procurement. This request is to complete that core effort.

QUANTIFYING RESULTS:

The core environmental and business data systems at DEQ are largely legacy systems developed internally that have become increasingly difficult to maintain and adjust to emerging demands. These systems lack a common architecture, and are not integrated or interoperable. Most critical systems are over 10 years old. The agency uses a range of technologies, and hardware and software vendors no longer support the systems. The lack of system integration also creates additional work related to data transfers, reporting, and communication between staff, thus increasing the potential for errors.

To meet business needs currently unmet by core systems, program staff have developed workaround tools (e.g., Access databases, Excel spreadsheets, file sharing systems) to serve as technological stopgaps, data repositories, and shadow systems to fill gaps left by underperforming program-specific systems.

Investment in the environmental data management system (EDMS) will provide a shared technical platform for data management and business process management across the agency. A more up-to-date, integrated system will streamline data sharing, workflows, and increase staff productivity. The systems are integral to decreasing permit backlogs and providing quicker and more meaningful communication with external stakeholders. In addition, DEQ will decrease overhead costs by supporting one consolidated system instead of more than 100 currently supported systems.

AGENCY MANAGEMENT

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Principal Executive/ Mgr E	1	3510	1.0
Program Analyst 4	1	3511	1.0
Program Analyst 3	1	3512	1.0
Project Manager 3	1	3513	1.0
Info Systems Specialist 6	1	3514	1.0
Info Systems Specialist 5	1	3515	1.0
Administrative Specialist 2	1	3516	1.0
Total	7		7.0

REVENUE SOURCE

General Fund	
Other Funds	\$5,123,293
Federal Funds	
Total	\$5,123,293

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 141 NARRATIVE

TITLE: AGENCY TECHNOLOGY INFRASTRUCTURE
PRIORITY RANK – GENERAL FUND: 7

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

PURPOSE

Convert DEQ server hosting from on-premises to the State Data Center (SDC).

HOW ACHIEVED

DEQ will collaborate with SDC to move physical servers from DEQ to the state data center. The state data center will manage the servers, which includes physical security, 24/7 monitoring, server upgrades and if and when determined appropriate, transition to cloud services.

DEQ's datacenter is co-located at its Hillsboro lab. There are approximately 100 systems running in the lab datacenter, which include web servers, directory servers, SQL databases, SharePoint, email, custom applications and GIS. More than half of DEQ's servers are due for lifecycle replacement but the agency does not have budget for replacing equipment. In addition, DEQ's IT staff lack expertise in key technologies underlying their server environment including storage area networks, hypervisor administration and virtualized networking. As a result, DEQ's infrastructure team has struggled to provide the high levels of security and reliability that the agency requires to deliver on its mission. DEQ is proposing to address these factors by migrating its server infrastructure to the State's Datacenter where DAS Enterprise Technology Services will provide (1) proactive infrastructure lifecycle management; (2) 24/7 monitoring and support; (3) secure, reliable, and scalable systems; and (4) best-practices based configurations. By shifting these functions to the State Datacenter, DEQ's IT staff will be able to focus on delivering new systems, services and analytical insights in direct support of DEQ's mission.

QUANTIFYING RESULTS:

The State Data Center will provide a greater degree of monitoring and response than DEQ is capable. As a medium sized agency, DEQ is too small to justify 24-hour staff to continually monitor and upgrade systems with the rapidity required by Microsoft and other vendors. DEQ also does not have the capital outlay budget to replace servers on a routine basis, so transition to SDC will provide consistency to IT service costs while ensuring timely server upgrades to reduce potential security concerns and downtime associated with the use of older hardware. If DEQ continues on-premises hosting, then support for server infrastructure will continue to fluctuate as DEQ funding fluctuates based on operational needs in the agency.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
No positions			
Total	0		0
REVENUE SOURCE			
General Fund		\$630,000	
Other Funds		—	
Federal Funds		—	
Total		\$630,000	

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 142 NARRATIVE

TITLE: ADDITIONAL AGENCY SUPPORT STAFF
 PRIORITY RANK – OTHER FUND: 3

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

PURPOSE

Add Central Services Division staff to support current and increased agency operations and staffing.

HOW ACHIEVED

DEQ is requesting 106 air, land and water quality program staff through other policy option packages. These new staff and the work that they are responsible for will increase demands on human resources, procurement, contract management, IT and financial services. The following specific core agency are necessary to meet these demands:

- The agency cannot currently meet end-of-month and end-of-year accounting requirements without having to pay existing staff overtime. The agency needs an Accountant 3 and Accounting Tech 2 to maintain timeliness on accounts payable and receivable.
- DEQ currently has a two-month recruitment backlog. DEQ needs a Human Resource Analyst 1 to meet hiring needs.
- An additional ISS4 to provide desktop support for new staff.
- A Procurement and Contract Specialist 3 to provide capacity to manage contracting internally instead of having to seek assistance from the Department of Administrative Services and having long wait times for contract and agreements to be finalized.
- The CSD administrator directly supervises 16 staff and managers, and oversees agency vehicles. A new manager will take over supervision (9 direct reports) of health and safety, training, reception, facilities, continuity of operations planning, vehicles, and public records. The Continuity of Operations Plan (COOP) is a new State Resiliency Officer requirement. DEQ's emergency response personnel currently have responsibility for the COOP,

but can only minimally manage it because of other high priority work. Central Services should manage the agency's COOP.

- The Operations and Policy Analyst 3 is responsible for all pre-award activities including preparing and coordinating grant applications and progress reports, assembling all documents, information needed for the proposal from internal and external collaborators, preparing the budget and budget justification, loading the materials into various electronic grant submission systems, and taking the lead on communications between the sponsor and the PI. This position will track all grants from initiation to closeout. Major responsibilities include coordination of all required documents, signatures and approvals to submit federal, industry and foundation grants/contracts; staying abreast of all regulatory compliance issues.

QUANTIFYING RESULTS:

Recent agency audits identified DEQ Central Services as failing to adequately support agency operations. This includes IT security as noted by the Enterprise Security Office, and Air Quality, Water Quality and financial audits by Secretary of State. Additionally, a recent OSHA consult notes that DEQ needs to focus more directly on safety issues for staff working in the field. Additional staff will reduce time to hire and time to process financial transactions. Additionally, having additional CSD staff will improve safety outreach and oversight, COOP maintenance, succession planning, and service to agency programs.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Accountant 3	1	3560	1.0
Human Resource Analyst 1	1	3561	1.0
Accounting Technician 2	1	3562	1.0
Info Systems Specialist 4	1	3563	1.0
Procurement & Contract Spec 3	1	3564	1.0
Principle Executive/Mgr E	1	3587	1.0
Operations & Policy Analyst 3	1	3591	1.0
Total	7		7.0

REVENUE SOURCE

AGENCY MANAGEMENT

General Fund	
Other Funds	\$1,544,938
Federal Funds	
Total	\$1,544,938

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 143 NARRATIVE

TITLE: AGENCY AUDITOR
PRIORITY RANK – GENERAL FUND: 8

PURPOSE

Hire an internal auditor at DEQ.

HOW ACHIEVED

DEQ seeks funding to support an internal auditor within Agency Management. A 2017 Secretary of State assessment of DEQ identified 9 findings and 22 risks for the agency. In recent years, DEQ has been unable to meet internal audit requirements for an agency of our size. Given the recent Secretary of State findings, backlog of necessary internal audits, and new programs at DEQ (VW Settlement, Electric Vehicle Rebates, Cleaner Air Oregon), there is ample work for a full time auditor. The agency will fund this position through a combination of General Fund and charges to agency programs (Other Fund).

QUANTIFYING RESULTS:

DEQ will focus first on addressing the nine findings and 22 risks identified by Secretary of State and develop a long-term auditing plan.

2019-21 STAFFING IMPACT

POSITION	TOTAL POSITIONS	POSITION #	FTE
Internal Auditor 3	1	3525	1.0
Total	1		1.0

REVENUE SOURCE

General Fund	\$154,715
Other Funds	\$130,562
Federal Funds	
Total	\$285,277

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 144 NARRATIVE

TITLE: COORDINATOR FOR ENVIRONMENTAL JUSTICE AND TITLE VI

PRIORITY RANK – OTHER FUND: 4

PURPOSE

This package authorizes one full-time position to serve as the DEQ Coordinator for Environmental Justice and Title VI compliance.

This position strengthen DEQ's efforts for equity in all of its work by combining the coordination of current cross-agency Environmental Justice and Title VI (Civil Rights) activities into one full-time position, held within the Director's Office and working across all agency regions and divisions. DEQ currently has an Environmental Justice Coordinator as 0.20 FTE of an Operations and Policy Analyst position within the Director's Office. The DEQ Human Resources Office holds responsibility for agency compliance with Title VI.

This position would ensure agency compliance with Title VI of the Civil Rights Act; serve as the agency's primary point of contact for Environmental Justice; provide subject matter expertise to all agency staff working on Environmental Justice and Title VI-related activities; and represent DEQ with local, state, national and Tribal government representatives on Environmental Justice and Title VI discussions.

HOW ACHIEVED

This position will work with DEQ staff, regulated entities, governments at all levels and community-based organizations on issues related to Title VI, and Environmental Justice related to DEQ actions across the state.

Specifically, this position will:

- Fulfill DEQ's requirements under Senate Bill 420 (2007), related to Oregon's Environmental Justice Task Force, including regular meeting attendance, responding to Task Force requests and an annual report on agency activities
- Develop and implement trainings and provide ongoing consultation for staff on EJ and Title VI best practices

- Provide technical assistance to grant and contract recipients on Title VI best practices and compliance requirements
- Provide policy research and recommendations to the DEQ director for use by all agency staff
- Review agency programs, procedures and materials to ensure Title VI compliance. Provide necessary actions to get to compliance when needed.
- Serve as the primary contact for Title VI and EJ inquiries from project and government partners and members of the public.

AGENCY MANAGEMENT

QUANTIFYING RESULTS

DEQ will demonstrate success of this position through improved cooperation with the Environmental Justice Task Force and the Governor’s Diversity and Inclusion advisor, and through integration of environmental justice tools in to the agency’s permitting and policy development work. This position will:

- Develop, implement and provide ongoing improvements to an agency Limited English Proficiency plan
- Maintain DEQ’s Environmental Justice representation at local, state, federal and Tribal government discussions
- Ensure that all DEQ programs, actions and materials comply with Title VI of the Civil Right Act, resulting in no Title VI complaints filed against DEQ
- Represent the agency to and fulfill legal mandates from Oregon’s laws on Environmental Justice.

This position would help DEQ fulfill both internal and external best practices as identified within the agency’s outcome-based management system.

- **Operating Processes: (1) Assisting businesses, organizations and individuals** by providing technical assistance; **(2) Ensuring Compliance** with Title VI federal requirements, state requirements for Environmental Justice and overall compliance with state and federal environmental laws
- **Supporting Processes: (1) Meeting Operational Requirements**, including DEQ’s compliance with state Environmental Justice laws and federal Title VI requirements for EPA delegation

2019-21 STAFFING IMPACT

This package proposes one new position, supported by agency indirect funds as part of the allocation to support Agency Management activities and the Director’s Office.

POSITION	TOTAL POSITIONS	POSITION #	FTE
Operations and Policy Analyst 4	<u>1</u>	3559	1.0
Total	1		1

REVENUE SOURCE

General Fund	\$160,364
Other Funds	\$135,205
Federal Funds	<u> </u>
Total	\$295,569

AGENCY MANAGEMENT

POLICY OPTION PACKAGE 170 NARRATIVE

TITLE: DEQ REORGANIZATION TO IMPROVE AGENCY OUTCOMES
PRIORITY RANK – GENERAL FUND: 6

Note: This package was proposed by DEQ but not included in the Governor's Recommended Budget.

PURPOSE

Add three key positions to implement restructuring of DEQ's programs and divisions, designed to significantly improve agency decision-making and transparency.

HOW ACHIEVED

Over the past year, DEQ has restructured the agency to better support core programs and functions in the air, land and water divisions. DEQ designed this reorganization to dramatically improve the agency's ability to address permit backlogs, strengthen coordination between statewide and regional programs, and respond to urgent environmental challenges. To accomplish this work, the agency requests legislative approval of three key positions in its leadership structure.

Implementation Administrator. This new position links policy development and performance management in the agency's headquarters with implementation activities in DEQ's Eastern Region, Western Region, Northwest Region and the Office of Compliance and Enforcement. The most important function of this position is to ensure that performance expectations for core agency work are being met. Other key responsibilities of the position include the following:

- Ensure strong connection and communication between the agency's headquarters functions and its regional offices.
- Serve as the point person representing regional managers and staff in policy-making work at DEQ headquarters – to help ensure that policy and program development results are implementable within available resources.

- Manage the performance of the agency in its core regulatory roles of permitting and compliance.
- Resolve questions and conflicts over resource allocation among the regions where necessary to meet agency goals and priorities.
- Ensure regional delivery of air, water and land priority work such as issuing permits to eliminate NPDES and air quality permit backlogs.

Water Quality Deputy Administrator. Oregon's Water Quality Division faces significant challenges. Agency leadership is determined to address the longstanding backlog in water quality permits, and to implement protective water quality standards while also working with the regulated community to achieve those standards in a practical and reasonable fashion. The combination of significant policy development and process implementation efforts needed to set Oregon's clean water future on a stable and sustainable path demands having both a Water Quality Administrator (who is focusing on process efficiencies and implementation), and a Deputy Water Quality Administrator focusing on water quality standards and the development of the regulatory tools needed to implement them.

Administering Oregon's water quality program is extraordinarily challenging in terms of addressing significant environmental issues and navigating complex state and federal regulations, frequent litigation, and addressing significant programmatic challenges, such as the NPDES permit backlog. DEQ needs the Deputy Administrator to provide an adequate level of resource/leadership to the Water Quality Program to address these needs and achieve the Agency's objectives. This position supervises managers and day-to-day work of two sections – the Watershed Management section and Water Quality Standards and Assessments section, which includes DEQ's Total Maximum Daily Load program, Nonpoint Source Program, Drinking Water Source Water Protection program, Water Quality Standards, and Water Quality Assessments. This position is also responsible for leading work of these

AGENCY MANAGEMENT

sections and, along with the Water Quality Administrator, providing overall leadership for the Water Quality Program.

Policy and External Affairs Manager. This position oversees policy and budget development, legislative and external relations between the agency and its partners, and internal and external communications, ensuring the agency is engaging effectively with stakeholders, legislators, businesses and other interested parties. This position oversees five program areas and approximately 16 positions. This position has the lead responsibility for liaison work with the Legislature, the Environmental Quality Commission, coordination with the Governor's Office and other state agencies to develop legislative concepts, budget proposals and respond to constituent concerns.

2019-21 STAFFING IMPACT

PROGRAM & DCR		AQ	WQ	LQ	AM	TOTAL	
POSITION	POS. #	001-12	002-23	003-32	004-41	FTE	
PEM G	Implementation Administrator	3500	0.34	0.33	0.33	1.00	
PEM F	Policy & External Affairs Mgr	3502			1.00	1.00	
PEM F	WQ Administrator	3504		1.00		1.00	
Total			0.34	1.33	0.33	1.00	3.00

REVENUE SOURCE

PROGRAM	AQ	WQ	LQ	AM	Total
DCR	001-12	002-23	003-32	004-41	Total
GENERAL	169,615	621,631	169,524		960,770
OTHER	-	-	-	377,967	377,967
Total	169,615	621,631	169,524	377,967	1,338,737

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

Environmental Quality, Dept of
2019-21 Biennium

Agency Number: 34000
Cross Reference Number: 34000-004-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Other Funds						
Business Lic and Fees	-	1,725	1,725	1,725	1,725	-
Charges for Services	12,736	-	-	-	-	-
Admin and Service Charges	4,388,193	5,093,015	5,345,944	7,569,507	7,569,507	-
Fines and Forfeitures	2,012,792	1,000,000	1,000,000	1,000,000	1,000,000	-
General Fund Obligation Bonds	-	-	2,965,300	2,034,700	2,034,700	-
Other Revenues	167,294	90,713	90,713	90,713	90,713	-
Transfer In - Intrafund	988,565	612,847	612,847	5,713,711	5,713,711	-
Transfer In - Indirect Cost	17,433,374	20,154,083	20,840,555	26,445,421	25,382,324	-
Transfer Out - Intrafund	(232)	(2,782)	(2,782)	(78,070)	(78,070)	-
Transfer Out - Indirect Cost	(2,419)	(8,241)	(8,451)	(5,513)	(5,513)	-
Transfer to General Fund	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
Total Other Funds	\$22,992,643	\$25,941,360	\$29,845,851	\$41,772,194	\$40,709,097	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(25,748)	-	-	-	-	-	(25,748)
Total Revenues	(\$25,748)	-	-	-	-	-	(\$25,748)
Transfers Out							
Transfer Out - Indirect Cost	-	-	(118)	-	-	-	(118)
Total Transfers Out	-	-	(\$118)	-	-	-	(\$118)
Personal Services							
Temporary Appointments	-	-	9,435	-	-	-	9,435
Overtime Payments	-	-	523	-	-	-	523
Public Employees' Retire Cont	-	-	89	-	-	-	89
Pension Obligation Bond	(20,351)	-	58,625	-	-	-	38,274
Social Security Taxes	-	-	762	-	-	-	762
Unemployment Assessments	-	-	3,424	-	-	-	3,424
Mass Transit Tax	(5,397)	-	8,450	-	-	-	3,053
Vacancy Savings	-	-	418,045	-	-	-	418,045
Total Personal Services	(\$25,748)	-	\$499,353	-	-	-	\$473,605
Total Expenditures							
Total Expenditures	(25,748)	-	499,353	-	-	-	473,605
Total Expenditures	(\$25,748)	-	\$499,353	-	-	-	\$473,605

___ Agency Request
2019-21 Biennium

___x___ Governor's
Budget Page _____

___ Legislatively Adopted
Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 010 - Non-PICS Psnl Svc / Vacancy Factor

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	(499,471)	-	-	-	(499,471)
Total Ending Balance	-	-	(\$499,471)	-	-	-	(\$499,471)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	(478,488)	-	-	-	-	-	(478,488)
Total Revenues	(\$478,488)	-	-	-	-	-	(\$478,488)
Services & Supplies							
Instate Travel	(7,665)	-	(1,667)	-	-	-	(9,332)
Out of State Travel	(903)	-	(197)	-	-	-	(1,100)
Employee Training	(8,331)	-	(26,811)	-	-	-	(35,142)
Office Expenses	(12,218)	-	(2,655)	-	-	-	(14,873)
Telecommunications	(14,508)	-	(3,155)	-	-	-	(17,663)
Data Processing	(4,145)	-	(1,177,701)	-	-	-	(1,181,846)
Publicity and Publications	(63)	-	(13)	-	-	-	(76)
Professional Services	-	-	(475,000)	-	-	-	(475,000)
IT Professional Services	(4,628)	-	(1,006)	-	-	-	(5,634)
Dispute Resolution Services	(219)	-	(48)	-	-	-	(267)
Employee Recruitment and Develop	(81)	-	(18)	-	-	-	(99)
Dues and Subscriptions	(403)	-	(88)	-	-	-	(491)
Facilities Rental and Taxes	(82,929)	-	(18,030)	-	-	-	(100,959)
Fuels and Utilities	(1,369)	-	(298)	-	-	-	(1,667)
Facilities Maintenance	(340)	-	(75)	-	-	-	(415)
Agency Program Related S and S	(506)	-	(110)	-	-	-	(616)
Intra-agency Charges	(267,667)	-	-	-	-	-	(267,667)
Other Services and Supplies	(63,720)	-	(81,766)	-	-	-	(145,486)
Expendable Prop 250 - 5000	(2,778)	-	(604)	-	-	-	(3,382)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 022 - Phase-out Pgm & One-time Costs

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
IT Expendable Property	(6,015)	-	(1,308)	-	-	-	(7,323)
Total Services & Supplies	(\$478,488)	-	(\$1,790,550)	-	-	-	(\$2,269,038)
Capital Outlay							
Data Processing Software	-	-	(1,218,500)	-	-	-	(1,218,500)
Total Capital Outlay	-	-	(\$1,218,500)	-	-	-	(\$1,218,500)
Total Expenditures							
Total Expenditures	(478,488)	-	(3,009,050)	-	-	-	(3,487,538)
Total Expenditures	(\$478,488)	-	(\$3,009,050)	-	-	-	(\$3,487,538)
Ending Balance							
Ending Balance	-	-	3,009,050	-	-	-	3,009,050
Total Ending Balance	-	-	\$3,009,050	-	-	-	\$3,009,050

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 031 - Standard Inflation**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Transfer In - Intrafund	-	-	25,683	-	-	-	25,683
Total Revenues	-	-	\$25,683	-	-	-	\$25,683
Transfers Out							
Transfer Out - Intrafund	-	-	(15)	-	-	-	(15)
Total Transfers Out	-	-	(\$15)	-	-	-	(\$15)
Services & Supplies							
Instate Travel	-	-	3,429	-	-	-	3,429
Out of State Travel	-	-	993	-	-	-	993
Employee Training	-	-	5,191	-	-	-	5,191
Office Expenses	-	-	6,765	-	-	-	6,765
Telecommunications	-	-	8,079	-	-	-	8,079
State Gov. Service Charges	-	-	1,886,741	-	-	-	1,886,741
Data Processing	-	-	5,946	-	-	-	5,946
Publicity and Publications	-	-	2	-	-	-	2
Professional Services	-	-	9,720	-	-	-	9,720
IT Professional Services	-	-	7,696	-	-	-	7,696
Attorney General	-	-	24,310	-	-	-	24,310
Dispute Resolution Services	-	-	610	-	-	-	610
Employee Recruitment and Develop	-	-	47	-	-	-	47
Dues and Subscriptions	-	-	281	-	-	-	281
Facilities Rental and Taxes	-	-	40,522	-	-	-	40,522
Fuels and Utilities	-	-	406	-	-	-	406

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 031 - Standard Inflation

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Facilities Maintenance	-	-	966	-	-	-	966
Agency Program Related S and S	-	-	9,210	-	-	-	9,210
Other Services and Supplies	-	-	34,349	-	-	-	34,349
Expendable Prop 250 - 5000	-	-	2,627	-	-	-	2,627
IT Expendable Property	-	-	11,291	-	-	-	11,291
Total Services & Supplies	-	-	\$2,059,181	-	-	-	\$2,059,181
Capital Outlay							
Data Processing Software	-	-	20,024	-	-	-	20,024
Data Processing Hardware	-	-	2,929	-	-	-	2,929
Total Capital Outlay	-	-	\$22,953	-	-	-	\$22,953
Total Expenditures							
Total Expenditures	-	-	2,082,134	-	-	-	2,082,134
Total Expenditures	-	-	\$2,082,134	-	-	-	\$2,082,134
Ending Balance							
Ending Balance	-	-	(2,056,466)	-	-	-	(2,056,466)
Total Ending Balance	-	-	(\$2,056,466)	-	-	-	(\$2,056,466)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 091 - Statewide Adjustment DAS Chgs

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
State Gov. Service Charges	-	-	(402,536)	-	-	-	(402,536)
Data Processing	-	-	(16,814)	-	-	-	(16,814)
Facilities Rental and Taxes	-	-	(12,942)	-	-	-	(12,942)
Other Services and Supplies	-	-	(37,769)	-	-	-	(37,769)
Total Services & Supplies	-	-	(\$470,061)	-	-	-	(\$470,061)
Total Expenditures							
Total Expenditures	-	-	(470,061)	-	-	-	(470,061)
Total Expenditures	-	-	(\$470,061)	-	-	-	(\$470,061)
Ending Balance							
Ending Balance	-	-	470,061	-	-	-	470,061
Total Ending Balance	-	-	\$470,061	-	-	-	\$470,061

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 092 - Statewide AG Adjustment

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Attorney General	-	-	(8,629)	-	-	-	(8,629)
Total Services & Supplies	-	-	(\$8,629)	-	-	-	(\$8,629)
Total Expenditures							
Total Expenditures	-	-	(8,629)	-	-	-	(8,629)
Total Expenditures	-	-	(\$8,629)	-	-	-	(\$8,629)
Ending Balance							
Ending Balance	-	-	8,629	-	-	-	8,629
Total Ending Balance	-	-	\$8,629	-	-	-	\$8,629

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 140 - Electronic Data Management System Projects**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Obligation Bonds	-	-	-	-	-	-	-
Transfer In - Intrafund	-	-	5,000,000	-	-	-	5,000,000
Total Revenues	-	-	\$5,000,000	-	-	-	\$5,000,000
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	1,022,736	-	-	-	1,022,736
Empl. Rel. Bd. Assessments	-	-	427	-	-	-	427
Public Employees' Retire Cont	-	-	173,559	-	-	-	173,559
Social Security Taxes	-	-	78,241	-	-	-	78,241
Worker's Comp. Assess. (WCD)	-	-	406	-	-	-	406
Mass Transit Tax	-	-	6,136	-	-	-	6,136
Flexible Benefits	-	-	246,288	-	-	-	246,288
Total Personal Services	-	-	\$1,527,793	-	-	-	\$1,527,793
Services & Supplies							
Instate Travel	-	-	10,269	-	-	-	10,269
Out of State Travel	-	-	1,211	-	-	-	1,211
Employee Training	-	-	11,158	-	-	-	11,158
Office Expenses	-	-	16,359	-	-	-	16,359
Telecommunications	-	-	19,432	-	-	-	19,432
Data Processing	-	-	5,551	-	-	-	5,551
Publicity and Publications	-	-	84	-	-	-	84
IT Professional Services	-	-	3,191,000	-	-	-	3,191,000
Dispute Resolution Services	-	-	294	-	-	-	294

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 140 - Electronic Data Management System Projects**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Employee Recruitment and Develop	-	-	105	-	-	-	105
Dues and Subscriptions	-	-	539	-	-	-	539
Fuels and Utilities	-	-	1,834	-	-	-	1,834
Facilities Maintenance	-	-	455	-	-	-	455
Agency Program Related S and S	-	-	672	-	-	-	672
Other Services and Supplies	-	-	189,763	-	-	-	189,763
Expendable Prop 250 - 5000	-	-	3,717	-	-	-	3,717
IT Expendable Property	-	-	8,057	-	-	-	8,057
Total Services & Supplies	-	-	\$3,460,500	-	-	-	\$3,460,500
Capital Outlay							
Data Processing Software	-	-	135,000	-	-	-	135,000
Total Capital Outlay	-	-	\$135,000	-	-	-	\$135,000
Total Expenditures							
Total Expenditures	-	-	5,123,293	-	-	-	5,123,293
Total Expenditures	-	-	\$5,123,293	-	-	-	\$5,123,293
Ending Balance							
Ending Balance	-	-	(123,293)	-	-	-	(123,293)
Total Ending Balance	-	-	(\$123,293)	-	-	-	(\$123,293)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 140 - Electronic Data Management System Projects

Cross Reference Name: Agency Management
 Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							7
Total Positions	-	-	-	-	-	-	7
Total FTE							
Total FTE							7.00
Total FTE	-	-	-	-	-	-	7.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 141 - Agency Technology Infrastructure

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	-	-	-	-	-	-	-
Total Revenues	-	-	-	-	-	-	-
Services & Supplies							
Data Processing	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 142 - Additional Support Staff Agency**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-

Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 142 - Additional Support Staff Agency

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 143 - Agency Auditor**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	154,715	-	-	-	-	-	154,715
Total Revenues	\$154,715	-	-	-	-	-	\$154,715
Personal Services							
Class/Unclass Sal. and Per Diem	74,796	-	74,796	-	-	-	149,592
Empl. Rel. Bd. Assessments	30	-	31	-	-	-	61
Public Employees' Retire Cont	12,693	-	12,693	-	-	-	25,386
Social Security Taxes	5,722	-	5,722	-	-	-	11,444
Worker's Comp. Assess. (WCD)	29	-	29	-	-	-	58
Mass Transit Tax	449	-	449	-	-	-	898
Flexible Benefits	17,592	-	17,592	-	-	-	35,184
Total Personal Services	\$111,311	-	\$111,312	-	-	-	\$222,623
Services & Supplies							
Instate Travel	733	-	733	-	-	-	1,466
Out of State Travel	87	-	87	-	-	-	174
Employee Training	797	-	797	-	-	-	1,594
Office Expenses	1,168	-	1,168	-	-	-	2,336
Telecommunications	1,388	-	1,388	-	-	-	2,776
Data Processing	397	-	397	-	-	-	794
Publicity and Publications	6	-	6	-	-	-	12
IT Professional Services	443	-	443	-	-	-	886
Dispute Resolution Services	21	-	21	-	-	-	42
Employee Recruitment and Develop	8	-	8	-	-	-	16

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Essential and Policy Package Fiscal Impact Summary - BPR013

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 143 - Agency Auditor

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	38	-	38	-	-	-	76
Fuels and Utilities	131	-	131	-	-	-	262
Facilities Maintenance	33	-	33	-	-	-	66
Agency Program Related S and S	48	-	48	-	-	-	96
Intra-agency Charges	24,154	-	-	-	-	-	24,154
Other Services and Supplies	13,110	-	13,110	-	-	-	26,220
Expendable Prop 250 - 5000	266	-	266	-	-	-	532
IT Expendable Property	576	-	576	-	-	-	1,152
Total Services & Supplies	\$43,404	-	\$19,250	-	-	-	\$62,654
Total Expenditures							
Total Expenditures	154,715	-	130,562	-	-	-	285,277
Total Expenditures	\$154,715	-	\$130,562	-	-	-	\$285,277
Ending Balance							
Ending Balance	-	-	(130,562)	-	-	-	(130,562)
Total Ending Balance	-	-	(\$130,562)	-	-	-	(\$130,562)
Total Positions							
Total Positions							1
Total Positions	-	-	-	-	-	-	1

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 143 - Agency Auditor

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total FTE							
Total FTE							1.00
Total FTE	-	-	-	-	-	-	1.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 144 - Environmental Justice**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	160,364	-	-	-	-	-	160,364
Total Revenues	\$160,364	-	-	-	-	-	\$160,364
Personal Services							
Class/Unclass Sal. and Per Diem	78,504	-	78,504	-	-	-	157,008
Empl. Rel. Bd. Assessments	30	-	31	-	-	-	61
Public Employees' Retire Cont	13,322	-	13,322	-	-	-	26,644
Social Security Taxes	6,005	-	6,006	-	-	-	12,011
Worker's Comp. Assess. (WCD)	29	-	29	-	-	-	58
Mass Transit Tax	471	-	471	-	-	-	942
Flexible Benefits	17,592	-	17,592	-	-	-	35,184
Total Personal Services	\$115,953	-	\$115,955	-	-	-	\$231,908
Services & Supplies							
Instate Travel	733	-	733	-	-	-	1,466
Out of State Travel	87	-	87	-	-	-	174
Employee Training	797	-	797	-	-	-	1,594
Office Expenses	1,168	-	1,168	-	-	-	2,336
Telecommunications	1,388	-	1,388	-	-	-	2,776
Data Processing	397	-	397	-	-	-	794
Publicity and Publications	6	-	6	-	-	-	12
IT Professional Services	443	-	443	-	-	-	886
Dispute Resolution Services	21	-	21	-	-	-	42
Employee Recruitment and Develop	8	-	8	-	-	-	16

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

**Environmental Quality, Dept of
Pkg: 144 - Environmental Justice**

**Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000**

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Dues and Subscriptions	38	-	38	-	-	-	76
Fuels and Utilities	131	-	131	-	-	-	262
Facilities Maintenance	33	-	33	-	-	-	66
Agency Program Related S and S	48	-	48	-	-	-	96
Intra-agency Charges	25,161	-	-	-	-	-	25,161
Other Services and Supplies	13,110	-	13,110	-	-	-	26,220
Expendable Prop 250 - 5000	266	-	266	-	-	-	532
IT Expendable Property	576	-	576	-	-	-	1,152
Total Services & Supplies	\$44,411	-	\$19,250	-	-	-	\$63,661
Capital Outlay							
Office Furniture and Fixtures	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	160,364	-	135,205	-	-	-	295,569
Total Expenditures	\$160,364	-	\$135,205	-	-	-	\$295,569
Ending Balance							
Ending Balance	-	-	(135,205)	-	-	-	(135,205)
Total Ending Balance	-	-	(\$135,205)	-	-	-	(\$135,205)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 144 - Environmental Justice

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Total Positions							
Total Positions							1
Total Positions	-	-	-	-	-	-	1
Total FTE							
Total FTE							1.00
Total FTE	-	-	-	-	-	-	1.00

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Personal Services							
Class/Unclass Sal. and Per Diem	-	-	-	-	-	-	-
Empl. Rel. Bd. Assessments	-	-	-	-	-	-	-
Public Employees' Retire Cont	-	-	-	-	-	-	-
Social Security Taxes	-	-	-	-	-	-	-
Worker's Comp. Assess. (WCD)	-	-	-	-	-	-	-
Mass Transit Tax	-	-	-	-	-	-	-
Flexible Benefits	-	-	-	-	-	-	-
Total Personal Services	-	-	-	-	-	-	-

Services & Supplies							
Instate Travel	-	-	-	-	-	-	-
Out of State Travel	-	-	-	-	-	-	-
Employee Training	-	-	-	-	-	-	-
Office Expenses	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-
Data Processing	-	-	-	-	-	-	-
Publicity and Publications	-	-	-	-	-	-	-
IT Professional Services	-	-	-	-	-	-	-
Dispute Resolution Services	-	-	-	-	-	-	-
Employee Recruitment and Develop	-	-	-	-	-	-	-
Dues and Subscriptions	-	-	-	-	-	-	-
Fuels and Utilities	-	-	-	-	-	-	-
Facilities Maintenance	-	-	-	-	-	-	-
Agency Program Related S and S	-	-	-	-	-	-	-
Other Services and Supplies	-	-	-	-	-	-	-

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ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 170 - DEQ Reorganization Improve Alignment / Outcomes

Cross Reference Name: Agency Management
Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Services & Supplies							
Expendable Prop 250 - 5000	-	-	-	-	-	-	-
IT Expendable Property	-	-	-	-	-	-	-
Total Services & Supplies	-	-	-	-	-	-	-
Total Expenditures							
Total Expenditures	-	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-
Total Positions							
Total Positions							-
Total Positions	-	-	-	-	-	-	-
Total FTE							
Total FTE							-
Total FTE	-	-	-	-	-	-	-

PACKAGE: 140 - Electronic Data Management Sys

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003510	MMS	X7008	IP PRINCIPAL EXECUTIVE/MANAGER E	1	1.00	24.00	07	9,642.00		231,408 92,276			231,408 92,276
0003511	AD	C0863	AP PROGRAM ANALYST 4	1	1.00	24.00	02	5,704.00		136,896 69,007			136,896 69,007
0003512	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	02	5,188.00		124,512 65,958			124,512 65,958
0003513	MMN	X0856	AP PROJECT MANAGER 3	1	1.00	24.00	07	8,332.00		199,968 84,536			199,968 84,536
0003514	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	1.00	24.00	02	5,344.00		128,256 66,880			128,256 66,880
0003515	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1	1.00	24.00	02	5,001.00		120,024 64,853			120,024 64,853
0003516	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	1	1.00	24.00	02	3,403.00		81,672 55,411			81,672 55,411
TOTAL PICS SALARY										1,022,736			1,022,736
TOTAL PICS OPE										498,921			498,921
TOTAL PICS PERSONAL SERVICES =				7	7.00	168.00				1,521,657			1,521,657

PACKAGE: 143 - Agency Auditor

POSITION NUMBER	CLASS	COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003525	MMN	X5618	AP INTERNAL AUDITOR 3	1	1.00	24.00	02	6,233.00	74,796 36,066	74,796 36,067			149,592 72,133
TOTAL PICS SALARY									74,796	74,796			149,592
TOTAL PICS OPE									36,066	36,067			72,133
TOTAL PICS PERSONAL SERVICES =				1	1.00	24.00			110,862	110,863			221,725

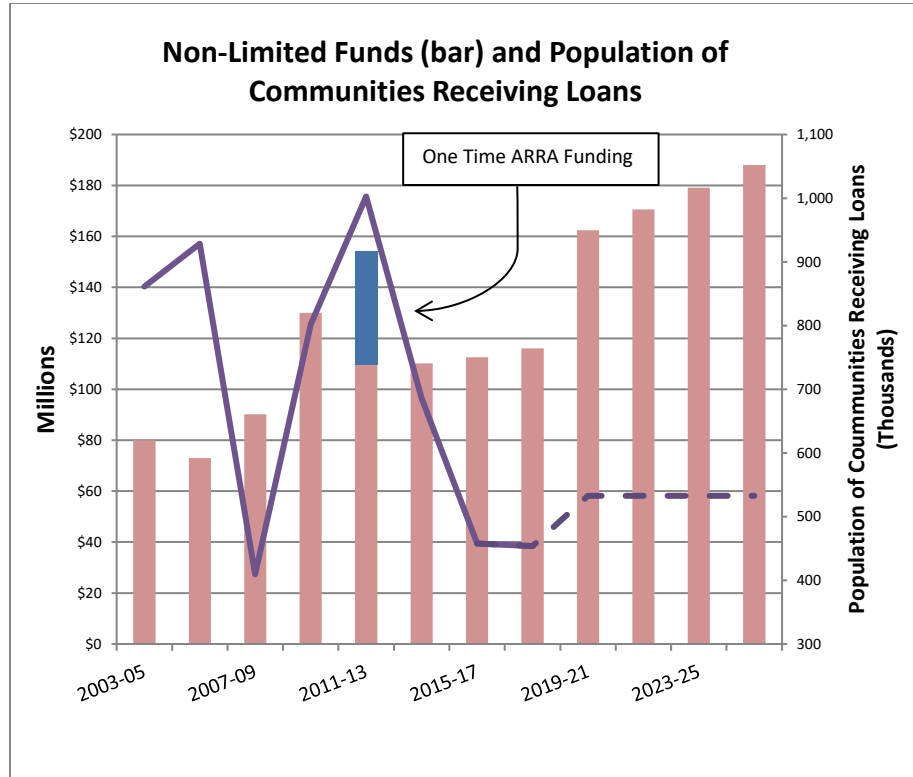
PACKAGE: 144 - Environmental Justice

POSITION NUMBER	CLASS COMP	CLASS NAME	POS CNT	FTE	MOS	STEP	RATE	GF SAL/OPE	OF SAL/OPE	FF SAL/OPE	LF SAL/OPE	AF SAL/OPE
0003559	MMN X0873	AP OPERATIONS & POLICY ANALYST 4	1	1.00	24.00	02	6,542.00	78,504 36,978	78,504 36,980			157,008 73,958
TOTAL PICS SALARY								78,504	78,504			157,008
TOTAL PICS OPE								36,978	36,980			73,958
TOTAL PICS PERSONAL SERVICES =			1	1.00	24.00			115,482	115,484			230,966

NON-LIMITED

EXECUTIVE SUMMARY: NON-LIMITED BUDGET

Primary Outcome Area: Responsible Environmental Stewardship
 Secondary Outcome Area: Thriving Economy
 Program Contact: Justin Green, Water Quality Division administrator



TEN-YEAR PLAN

Loans from DEQ’s Clean Water State Revolving Fund make up the non-limited portion of DEQ’s budget. This loan program, which is implemented through DEQ’s water quality program budget, protects public health and the environment by offering financial assistance to communities and special districts for water pollution control projects.

PROGRAM OVERVIEW

The Clean Water State Revolving Fund loan program provides below market rate loans for the planning, design or construction of projects that prevent or mitigate water pollution. These projects include wastewater treatment facilities and upgrades, sewer replacement and rehabilitation, stormwater controls, irrigation improvements and certain types of nonpoint source projects such as animal waste management or stream restoration. Eligible agencies include Indian tribal governments, cities, counties, sanitary districts, soil and water conservation districts, irrigation districts, various special districts and certain intergovernmental entities. New facilities and facility upgrades enable communities to meet the demands of growing populations and new or expanding business and industrial sectors and replace aging infrastructure.

PROGRAM FUNDING

The agency budget for the 2019-21 non-limited budget includes \$132.0 million dedicated to providing below market rate loans for projects that prevent or mitigate water pollution. These resources enable DEQ to continue to coordinate with other funding agencies to help communities finance water quality improvement projects to meet the demands of growing populations and expanding economies.

PROGRAM DESCRIPTION

The Clean Water State Revolving Fund loan program provides below market rate loans for the planning, design or construction of projects that prevent or mitigate water pollution. These projects include wastewater treatment facilities and upgrades, sewer replacement and rehabilitation, stormwater controls, irrigation improvements and certain types of nonpoint source projects such as animal waste management or stream restoration. Eligible agencies include Indian tribal governments, cities, counties,

NON-LIMITED

sanitary districts, soil and water conservation districts, irrigation districts, various special districts and certain intergovernmental entities. New facilities and facility upgrades enable communities to meet the demands of growing populations and new or expanding business and industrial sectors and replace aging infrastructure.

DEQ's Clean Water State Revolving Fund program has provided more than \$1.26 billion in low-cost loans since 1990 to assist 194 Oregon communities with water quality improvement projects. The low-interest rates and terms of the loans make this program an attractive alternative to the municipal bond market. For example, a \$4 million, 20-year loan with a Clean Water State Revolving Fund interest rate that is one percentage point lower than a bond reduces interest costs by \$500,000 over the life of the loan. DEQ accepts new applications year-round and ranks projects based upon established criteria.

PROGRAM JUSTIFICATION AND LINK TO LONG-TERM OUTCOMES

DEQ's Clean Water State Revolving Fund program links to the Responsible Environmental Stewardship and Thriving Economy long-term outcomes. The program funds construction projects with a clean water benefit statewide. These projects contribute to Oregon's resiliency by supporting local construction companies, creating opportunities for disadvantaged businesses, encouraging long-term planning for public facilities, promoting sustainability and providing funding for public projects that aid in protecting the quality of life of Oregonians. The program gives technical assistance to disadvantaged communities to identify infrastructure needs, asset management and sustainable project development.

DEQ's Clean Water State Revolving Fund program integrates public funding for projects through participation in inter-entity and one-stop meetings involving representatives from federal Rural Development offices, the Infrastructure Financing Authority and other state agencies that provide communities with customized

funding packages. Coordination and prudent fund management has resulted in leveraging federal funds by more than 200 percent since the beginning of the loan program since it executed its first loan in 1990.

There is an increasing demand for CWSRF loans to finance water conservation and supply efforts that protect rivers and streams, particularly with irrigation district modernization projects across the state; economic development and expansion efforts, particularly in areas needing sewer extensions due to increasing capacity and connection to the municipal sewers to decommission septic systems; and stream restoration for essential fish habitat. DEQ also anticipates that demand for CWSRF loans will increase as permit program improvements efforts result in an increasing number of permit renewals and new permits. These permits are likely to require upgrades at many municipal wastewater facilities, and many will look to DEQ for below market-rate loans.

ENABLING LEGISLATION/PROGRAM AUTHORIZATION

Federal legislation authorizes the U.S. Environmental Protection Agency to implement a state water pollution control revolving fund program and provide capitalization grants to states that have established a loan program that meets federal requirements.

Oregon Revised Statutes 468.423 through 468.440 provides the authority for DEQ to establish a program to administer the Clean Water State Revolving Fund. Oregon Administrative Rule Chapter 340 Division 54 establishes procedures for implementing this loan program. The rules include criteria DEQ uses to rank project applications for funding priority.

PROGRAM PERFORMANCE

DEQ is responsible for ensuring the financial integrity, viability and perpetuity of the Clean Water State Revolving Fund. The long-

NON-LIMITED

term goal is to keep cash reserves low by providing funding to local communities to the maximum extent possible while balancing the need for cash to cover variability in project completion. The percentage of executed loan agreements to the funds available to loan is 97.1 percent as of FY2018.

SIGNIFICANT PROPOSED PROGRAM CHANGES FROM 2017-19 TO 2019-21 FUNDING

There are no significant program changes in the budget request for 2019-21.

PROGRAM NARRATIVE

PURPOSE, CUSTOMERS AND FUNDING SOURCE

DEQ requests a debt issuance limit of \$15,000,000 million for the 2019-21 biennium to provide funds for the Clean Water State Revolving Fund Loan Fund Match and DEQ's Environmental Data Management System project. For 2019-21 there are no bond issuances anticipated for DEQ's Orphan Site Clean-Up fund.

Program Designation	2017-19	2019-21
State Revolving Loan Fund Match	\$10,000,000	\$10,000,000
Orphan Site Clean-Up	\$10,300,000	\$0
Environmental Data Management System	\$0	\$ 5,000,000
TOTAL	\$20,300,000	\$15,000,000

USE OF PROCEEDS:

The debt service narrative provides a detailed description of the DEQ Pollution Control Bond Fund (PCBF) Programs. In 2019-21, DEQ will need bond sales of \$10 million to meet the twenty percent state match requirement for federal capitalization grants. If the amount of state matching funds generated by the bond sales exceeds the twenty percent requirement, DEQ can use the excess to match federal grants in future biennia.

Package 140 requests the funding DEQ needs to complete an interactive, up-to-date and transparent environmental data management system for permitting and business processes.

POLICY OPTION PACKAGE 180 NARRATIVE

TITLE: ELECTRONIC DATA MANAGEMENT SYSTEM BOND
ISSUANCE COSTS
PRIORITY RANK – BONDS/LOANS/NON-LIMITED/DEBT
SERVICE: 2

BUDGET:
\$65,000

STAFFING IMPACT:
None

PURPOSE

This package seeks to obtain non-limited expenditure approval to fund \$65,000 of bond issuance costs, including legal and other fees associated with bonds issued to provide the funds needed to support DEQ's Environmental Data Management System (EDMS).

REVENUE SOURCE:
Non-Limited Funds

Package 140 provides other fund limitation to spend the proceeds from the issuance of \$5.0 million in series XI-Q general obligation bonds for the EDMS project. Package 190 provides the debt service for these bonds issued with a seven-year maturity.

BACKGROUND

In the 2017-19 biennium DEQ received \$1,854,979 in General Fund limitation as part of the DEQ's Legislative Approved Budget to partially fund DEQ's EDMS project. An additional \$3,753,213 million in Other Fund limitation and authority to issue \$5 million in series XI-Q general obligation bonds was legislatively approved for DEQ as part of the 2017-19 Special Session.

HOW ACCOMPLISHED

The state seeks authority to issue up to \$5 million of series XI-Q general obligation bonds during the 2017-19 biennium in the statewide Bond Bill as a means to fund DEQ's EDMS project. The bonds will be issued with a seven-year maturity. The cost of the issuing the proposed \$5 million of series XI-Q bonds will be mitigated as result of the economies of scale achieved through combining DEQ's relatively small bond issuance with a considerably larger series XI-Q Department of Administrative Services (DAS) XI-Q bonds issuance which will be coordinated by DAS .

NON-LIMITED

POLICY OPTION PACKAGE 181 NARRATIVE

TITLE: CLEAN WATER STATE REVOLVING FUND – LOANS AND BONDS
PRIORITY RANK – BONDS/LOANS/NON-LIMITED/DEBT SERVICE: 4

PURPOSE:

This package seeks to obtain non-limited expenditure approval to fund \$150,000 of bond issuance costs, including legal and other fees, associated with bonds issued to provide the state match component of up to three federal capitalization grants to maintain Oregon's Clean Water State Revolving Fund. The package also seeks limitation to provide \$30 million of additional CWSRF loans using the federal grant monies received.

BACKGROUND:

The federal Water Quality Act amendments of 1987 created the state wastewater treatment revolving loan fund program (the CWSRF). The primary source of funds for this program is federal capitalization grants and repayments of principal and interest on existing loans. The federal act requires states to match federal dollars with state funds in an amount at least equal to twenty percent of the federal capital grant. DEQ issues General Obligation Bonds for the purpose of the match, which is authorized by the statewide Bond Bill each biennium.

The CWSRF provides below market interest rate loans to public agencies, including counties and municipalities, for three kinds of water pollution abatement projects: wastewater collection, treatment, and disposal systems; nonpoint source water pollution control measures; and implementation of management plans for federally designated estuaries (Tillamook and Lower Columbia River). DEQ issued its first CWSRF loan in 1990, and since then has loaned more than \$1.26 billion to 193 Oregon communities, counties, irrigation districts and other public agencies and districts.

For this package, bond issuance costs for the bonds will be sourced from the interest earnings received by the CWSRF and/or from bond proceeds. Interest earnings may be used to pay bond issuance costs.

Approval of this package ensures we continue to provide communities with affordable financing options for wastewater treatment and other clean water projects. Adequate wastewater treatment capacity is needed for communities' economic development future.

Without this package, DEQ would need to decline federal capitalization grants of approximately \$15 million per year, and there would be less state assistance to Oregon communities for such projects. Additionally, communities may face delays or higher financing costs for wastewater treatment and other clean water projects and DEQ would make fewer loans.

HOW ACCOMPLISHED:

The state seeks authority to issue up to \$10 million of CWSRF General Obligation Bonds during the 2019-21 biennium in the statewide Bond Bill as the means to meet the twenty percent state match requirement for federal capitalization grants. If the amount of state matching funds generated by the bond sales exceeds the twenty percent requirement, the excess can be used to match future federal grants. Package #191 provides the debt service for these bonds issued on a short-term basis to meet match requirements. If the demand for CWSRF loans remains strong and the long-term bond markets are favorable, DEQ will consider the alternative of issuing bonds with a 20-year maturity.

This package seeks non-limited expenditure approval for up to \$150,000 of bond-issuance costs for those bonds and for \$30,000,000 of CWSRF loans associated with the federal capitalization grants expected in the 2019-21 biennium.

BUDGET:
\$30,150,000

STAFFING IMPACT:
None

REVENUE SOURCE: Non-Limited Funds

NON-LIMITED

POLICY OPTION PACKAGE 182 NARRATIVE

TITLE: REVENUE TRANSFER – CLEAN WATER SRF LOAN FUNDS
PRIORITY RANK – BONDS/LOANS/NON-LIMITED/DEBT SERVICE: 6

(Note: This package was proposed by DEQ but not recommended in the Governor's Recommended Budget.)

PURPOSE:

This package transfers revenue from Non-Limited Funds to Water Quality Other Funds to support the Clean Water State Revolving Fund program's procurement of a loan management software system described in Policy Option Package 163.

BACKGROUND

The federal Water Quality Act amendments of 1987 created the Clean Water State Revolving Fund program (the CWSRF). The primary source of funds for this program is federal capitalization grants and repayments of principal and interest on existing loans. The federal act requires states to match federal dollars with state funds in an amount at least equal to twenty percent of the federal capital grant. DEQ issues General Obligation Bonds for the purpose of the match, which is authorized by the statewide Bond Bill each biennium.

Federal regulations allow states to use up to 4 percent of the capitalization grants for administration of the loan program. DEQ has not utilized the 4 percent administrative allowance in over a decade because revenue from a 0.5 percent annual loan fee on the outstanding principal on loans issued from the program has generated enough revenue to pay for program administration. EPA has concluded that DEQ can "bank" the unused administrative authority. DEQ's banked authority currently stands at \$8.9 million.

Approval of this package ensures DEQ will have adequate revenue to procure the loan management software requested in package 163.

HOW ACCOMPLISHED:

This package requests to shift \$3,350,000 from Non-Limited Funds to Water Quality Other Funds Limited. Package 163 requests limitation for expenditures related to the procurement and maintenance of the loan management software system.

BUDGET:

\$0 (This package requests approval for a \$3,350,000 revenue transfer from Non-Limited Funds to Water Quality Other Fund.)

STAFFING IMPACT:

None

REVENUE SOURCE:

Non-Limited Funds

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

Environmental Quality, Dept of
2019-21 Biennium

Agency Number: 34000
Cross Reference Number: 34000-008-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Nonlimited Other Funds						
Federal Revenues	42,282,182	30,000,000	30,000,000	63,000,000	63,000,000	-
Charges for Services	43,195	-	-	40,000	40,000	-
General Fund Obligation Bonds	10,000,000	20,300,000	20,300,000	25,065,000	25,065,000	-
Refunding Bonds	3,222,000	-	-	-	-	-
Interest Income	21,496,525	22,000,000	22,000,000	20,000,000	20,000,000	-
Loan Repayments	66,791,205	52,000,000	52,000,000	95,000,000	95,000,000	-
Other Revenues	20,000	-	-	-	-	-
Transfer In - Intrafund	19,426,497	-	-	-	-	-
Transfer Out - Intrafund	(39,853,213)	(19,482,246)	(19,482,246)	(28,392,687)	(25,042,687)	-
Total Nonlimited Other Funds	\$123,428,391	\$104,817,754	\$104,817,754	\$174,712,313	\$178,062,313	-

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Detail of LF, OF, and FF Revenues - BPR012

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 180 - Electronic Data Management System Bonds

Cross Reference Name: Non-Limited
Cross Reference Number: 34000-008-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Obligation Bonds	-	-	-	-	5,065,000	-	5,065,000
Total Revenues	-	-	-	-	\$5,065,000	-	\$5,065,000
Transfers Out							
Transfer Out - Intrafund	-	-	-	-	(5,000,000)	-	(5,000,000)
Total Transfers Out	-	-	-	-	(\$5,000,000)	-	(\$5,000,000)
Services & Supplies							
Other Services and Supplies	-	-	-	-	65,000	-	65,000
Total Services & Supplies	-	-	-	-	\$65,000	-	\$65,000
Total Expenditures							
Total Expenditures	-	-	-	-	65,000	-	65,000
Total Expenditures	-	-	-	-	\$65,000	-	\$65,000
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 181 - Clean Water SRF Capitalization Loans & Bonds

Cross Reference Name: Non-Limited
Cross Reference Number: 34000-008-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Federal Revenues	-	-	-	-	30,000,000	-	30,000,000
General Fund Obligation Bonds	-	-	-	-	10,000,000	-	10,000,000
Total Revenues	-	-	-	-	\$40,000,000	-	\$40,000,000
Transfers Out							
Transfer Out - Intrafund	-	-	-	-	(10,020,000)	-	(10,020,000)
Total Transfers Out	-	-	-	-	(\$10,020,000)	-	(\$10,020,000)
Services & Supplies							
Other Services and Supplies	-	-	-	-	150,000	-	150,000
Total Services & Supplies	-	-	-	-	\$150,000	-	\$150,000
Special Payments							
Loans Made - Other	-	-	-	-	30,000,000	-	30,000,000
Total Special Payments	-	-	-	-	\$30,000,000	-	\$30,000,000
Total Expenditures							
Total Expenditures	-	-	-	-	30,150,000	-	30,150,000
Total Expenditures	-	-	-	-	\$30,150,000	-	\$30,150,000

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 181 - Clean Water SRF Capitalization Loans & Bonds

Cross Reference Name: Non-Limited
Cross Reference Number: 34000-008-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Ending Balance							
Ending Balance	-	-	-	-	(170,000)	-	(170,000)
Total Ending Balance	-	-	-	-	(\$170,000)	-	(\$170,000)

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
 Pkg: 182 - Revenue Transfer - Clean Water SRF Loan Funds

Cross Reference Name: Non-Limited
 Cross Reference Number: 34000-008-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Transfers Out							
Transfer Out - Intrafund	-	-	-	-	-	-	-
Total Transfers Out	-	-	-	-	-	-	-
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

DEBT SERVICE

EXECUTIVE SUMMARY: PCBF DEBT SERVICE PROGRAM

Primary Outcome Area: Responsible Environmental Stewardship

Secondary Outcome Area: Thriving Economy

Program Contact: Mark A. Brown – Finance Manager

This program provides debt service for bonds sold to support loans from the Clean Water State Revolving Fund and bonds sold to support the Environmental Data Management System project. For a discussion of these programs, please see the chapters on Water Quality program, Agency Management, and Non-Limited.

PROGRAM NARRATIVE

PURPOSE, CUSTOMERS AND FUNDING SOURCE

The Pollution Control Bond Fund (PCBF) Debt Service program manages debt service payments for all DEQ bonds. Debt-service payments are funded by appropriated General Fund or by revenue transfers from other DEQ programs to the Pollution Control Bond Fund.

Since 1971, the State of Oregon, acting through DEQ and the Environmental Quality Commission, has used proceeds from the sale of pollution control bonds to pay for solid waste and wastewater treatment facilities and to clean up polluted sites. Voters authorized issuance of these bonds in May 1969, and in 1971, the state issued the first bond series amounting to \$45 million. Since then, the state has issued approximately \$445 million of pollution control bonds, with about \$35 million still outstanding as of June 30, 2018.

DEQ has used bond proceeds for five main purposes:

- **Loans and grants to local governments.** The state used proceeds from the first six bond issues (\$188 million) for loans and grants to local governments, primarily as local match for federal grants. DEQ made water quality grants to 73 local governments and solid waste grants to 39 agencies. DEQ made water quality loans to 68 local governments and solid waste loans to 11 agencies. Debt service on these bonds is complete and was paid by loan repayments for the loan portion of the bonds, by General Fund appropriations and by interest earnings of the Bond Sinking Fund.
- **Sewer safety net program.** The sewer safety net program, also known as the sewer assessment deferral loan program, began in 1987. Under this program, DEQ lent bond proceeds to local governments to pay for sewers for low-income home owners

unable to afford construction costs. When the property was refinanced or changed hands, the local governments placed a lien on the property and repaid DEQ for the loan. The amount and timing of the loan repayments were uncertain, so the Legislature decided to keep loan repayments within the program and to instead pay debt service with Lottery Fund, and later, General Fund appropriations. The state used two bond series amounting to approximately \$6 million for the sewer net safety program. The series were fully paid out in 2003 with repayments from local governments, producing General Fund savings in 2003-05.

- **Loans to help finance the mid-Multnomah County sewer project.** In 1984, the Environmental Quality Commission issued an order to the cities of Portland and Gresham to build sanitary sewers in mid-county, even outside their corporate boundaries, because of health hazards found with domestic septic tanks. The EQC agreed to issue pollution control bonds. DEQ used the bond proceeds to purchase special assessment bonds that the cities issued to finance sewer construction. Between 1990 and 1994, DEQ sold about \$96 million in bonds to finance the construction. Debt service was paid ahead of schedule for all such bond series in February 2004.
- **Match for the Clean Water State Revolving Fund program.** Oregon receives approximately \$15 million in annual grants from the US Environmental Protection Agency to capitalize the Clean Water State Revolving Fund and must make a twenty percent match payment, or roughly \$3 million, annually. DEQ uses the Clean Water SRF to provide below-market interest rate loans to local municipalities for three kinds of water pollution abatement projects: wastewater collection, treatment, and disposal systems; nonpoint source water pollution control; and implementation of management plans for several federally-designated estuaries (Tillamook and Lower Columbia River). Debt service on these

DEBT SERVICE

bonds was funded by General Fund appropriations until late in the 2001-03 biennium. Starting with the 2001-03 Special Session Six, DEQ started providing some CWSRF debt service payment from the loan repayment funds as a means to achieve some General Fund savings. In the 2003-05 Legislatively Adopted Budget, DEQ shifted debt service on bond series used for the CWSRF match payments from General Fund appropriations, funded by loan repayments. During the execution of the 2003-05 budget, a low interest rate environment led the Clean Water SRF program to use accumulated interest earnings to fully pay-out several of these bond series in 2003-05. Through June 30, 2018, DEQ has sold thirteen bond series amounting to about \$76 million for match purposes, with about \$18.3 million of these bonds still outstanding.

- **Orphan Sites and match for Oregon Superfund sites.** Oregon established the Orphan Site Account in 1989 to fund investigation and cleanup at sites known as orphans — locations where responsible parties are unknown, unable or unwilling to perform cleanup-related work. Sites such as McCormick and Baxter, Lebanon Area Groundwater and Lone Elk Market (Spray) are or have been orphan sites. The Legislature authorized the financing of industrial orphan cleanups with long-term pollution control bonds and established two fees to pay debt service on the bonds (50 percent from each fee): a hazardous substance possession fee (ORS 453.396-.414) and a bulk petroleum withdrawal or "petroleum load" fee (ORS 465.104-.131). The petroleum load fee has not been available for debt service since April 1993, when the Attorney General advised that its use for orphans was likely a violation of the state's constitutional dedication of motor vehicle fuels to highway purposes. As a result, the 1995 Legislature directed that the hazardous substance fee would fund only its half of debt obligations that existed before the beginning of the biennium, or about \$1 million a biennium. Subsequent budgets have maintained use of the substance fee at that level. Beginning

with the 1995-97 budget, the Legislature authorized the use of various funding sources, including General Fund, Lottery, and a loan from the Hazardous Substance Remedial Action Fund to meet existing debt service and to finance additional bond sales to continue funding orphan site cleanups.

Through June 30, 2016, the state issued eight bond series amounting to about \$48 million for orphan sites and match for Oregon Superfund sites. There have also been three refunding bond series (\$23 million), for a total of eleven series (\$71 million) altogether. About \$15 million in bonds remain outstanding

The two earliest series were refunded in September 2003 by the seventh Orphan Bond Series to take advantage of low interest rates and to achieve approximately \$370,000 of General Fund and Other Fund non-limited savings for the 2003-05 biennium. The refunding bond, like the two it replaced, uses both hazardous substance fees and general fund appropriations for debt service. All other Orphan Bond debt has been serviced using General Fund appropriations alone. In November 2005, the third, fourth, and fifth series bonds were refunded with the eighth Orphan Bond Series to achieve approximately \$585,000 of general fund non-limited savings for the 2005-07 biennium. In August 2013, the sixth series bonds were refunded with the eleventh Orphan Bond Series.

Debt service payments on the seventh (refunding) Orphan Bond Series concluded in May 2014. In 2011, the Legislature approved issuance of bonds to be financed solely with the hazardous substance possession fees that were freed up when the 2003 bond series was paid off. Bonds were issued in November 2012 with net proceed amount of \$7.7 million.

The most recent bond issue for the Orphan Site program was issued in October of 2017 by DEQ, which after subtracting the underwriter's discount, provided \$5.8 net proceed for use by the

DEBT SERVICE

program. In May 2019, DEQ is scheduled to issue approximately \$5.0 million in bonds.

On May 22, 2018, the Department of Administrative Service issued for DEQ \$5,000,000 State of Oregon General Obligation bonds under Article XI-Q State Projects. DEQ will use the Bond proceeds to implement the foundational build of a customized off-the-shelf (COTS) software solution that will replace multiple outdated and disparate informational technology systems currently in use. The Environmental Data Management System (EDMS) project will provide a common platform to receive and share environmental information and support ecommerce and web-based interactions.

DEBT SERVICE

POLICY OPTION PACKAGE 190 NARRATIVE

TITLE: ENVIRONMENTAL DATA MANAGEMENT SYSTEM--
DEBT SERVICE
PRIORITY RANK – BONDS/LOANS/NON-LIMITED-DEBT
SERVICE: 3

PURPOSE

DEQ requests continued funding to complete an interactive, up-to-date and transparent system for permitting and business processes. This system, known as the Environmental Data Management System (or EDMS) will vastly improve services to the public and DEQ stakeholders, while standardizing and streamlining DEQ's internal business practices. This is a large-scale process improvement project with a significant IT procurement component, and thus is a Stage Gate project with the Office of the State Chief Information Officer. DEQ created a high-level business case and achieved Stage Gate 1 from OSCIO in February 2017. Since then, DEQ has performed business analysis for water quality permitting, solid waste and air quality permitting. DEQ created a more detailed business case and a project management plan, and achieved Stage Gate 2 from OSCIO, in February 2018. After retaining a Quality Assurance consultant, DEQ finished the EDMS software solution requirements and posted a Request for Proposal in August 2018. DEQ expects to achieve Stage Gate 3 from the OSCIO in December 2018. Immediately following that milestone, DEQ will undertake the EDMS software core system build. This will include critical functionality needed to support DEQ's permitting and business processes. Once DEQ receives responses from vendors and selects an EDMS software solution vendor, it will update vendor costs to reflect contract amounts.

HOW ACHIEVED

The majority of work DEQ needs to be complete for Stage Gate 3 endorsement includes procurement of the EDMS software solution. DEQ continues to work with OSCIO, DAS, DOJ, its Quality Assurance contractor and the ESO on this project, while using a mixture of staffing and contracted services to achieve Stage Gate 3 endorsement. The core system implementation will include specific permitting and business functionality and is expected to create a scalable foundation for future modules. Final scope details for the core system and future functionality implementation will be determined in Stage Gate 3. After the core

functionality is successfully in place, DEQ will evaluate additional functionality based on business value, complexity, and effort to determine which additional items to implement.

The 2018 Legislature approved \$1,854,979 in General Fund and \$2,965,300 in Other Funds for the first, core phase of EDMS procurement.

DEQ seeks bonding authority, along with the General Fund appropriation limitation, in the 2019-21 biennium to pay for the project. DEQ expects that the bonds will be fully paid off over three biennia after each bond issue.

DEQ anticipates a long-term operational maintenance phase of at least 10 years. Maintenance includes vendor assistance, system upgrades (fixes and enhancements), and an agency governance team to oversee potential future iterations of EDMS (development, testing and implementation) and adherence to business process standards.

QUANTIFYING RESULTS:

The core environmental and business data systems at DEQ are largely legacy systems developed internally that have become increasingly difficult to maintain and adjust to emerging demands. These systems lack a common architecture, and are not integrated or interoperable. Most critical systems are over 10 years old. The agency uses a range of technologies, and hardware and software vendors no longer support the systems. The lack of system integration also creates additional work related to data transfers, reporting, and communication between staff, thus increasing the potential for errors.

To meet business needs currently unmet by core systems, program staff have developed workaround tools (e.g., Access databases, Excel spreadsheets, file sharing systems) to serve as technological stopgaps, data repositories, and shadow systems to fill gaps left by underperforming program-specific systems.

Investment in the environmental data management system (EDMS) will provide a shared technical platform for data management and business process management across the agency. A more up-to-date, integrated system will streamline data sharing, workflows, and increase staff productivity. The systems are integral to decreasing permit backlogs and

DEBT SERVICE

providing quicker and more meaningful communication with external stakeholders. In addition, DEQ will decrease overhead costs by supporting one consolidated system instead of more than 100 currently supported systems.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	\$834,752
Other Funds	\$0
Federal Funds	\$0
Total	\$834,752

DEBT SERVICE

POLICY OPTION PACKAGE 19I NARRATIVE

TITLE: CLEAN WATER STATE REVOLVING FUND – BOND DEBT SERVICE
PRIORITY RANK – BONDS/LOANS/NON-LIMITED/DEBT SERVICE: 5

PURPOSE

This package seeks to obtain limitation to provide debt service for General Obligation Bonds issued to meet the state match for up to three federal capitalization grants to maintain Oregon’s Clean Water State Revolving Fund. The CWSRF provides below-market interest rate loans to public agencies, including counties and municipalities, for three kinds of water pollution abatement projects: wastewater collection, treatment, and disposal systems; nonpoint source water pollution control measures; and implementation of management plans for federally designated estuaries (Tillamook and Lower Columbia River). DEQ issued its first CWSRF loan in 1991, and as of June 30, 2016, has written loans amounting to over \$1.16 billion to 188 Oregon communities. Without this package, DEQ would need to decline approximately \$15 million per year of federal grants, and there would be less state assistance to Oregon communities for such projects.

The federal Water Quality Act of 1987 created the state wastewater treatment revolving loan fund program. The primary source of funds for this program is repayments of loan principal and interest and federal capitalization grants. The federal act requires the state to match federal dollars with state funds in an amount at least equal to twenty percent of the federal capital grant. DEQ issues General Obligation Bonds for match, which is authorized by the statewide Bond Bill.

DEQ will source debt service for the bonds from the interest earnings received by the CWSRF. Interest earnings may be used for this purpose.

Approval of this package ensures DEQ continues to provide communities with affordable financing options for wastewater treatment and other clean water projects. Adequate wastewater treatment capacity is needed for communities’ economic development future.

Without this package, communities may face delays or higher financing costs for wastewater treatment and other clean water projects.

HOW ACHIEVED

The State of Oregon issues General Obligation Bonds to finance the annual state match contributions to the CWSRF. These bonds are issued under the authority of Article XI-H of the Oregon Constitution and ORS Chapters 286, 288, and 468 in accordance with resolutions of the Environmental Quality Commission and Issuance Certificates of the State Treasurer.

The State will issue up to \$10 million worth of these bonds during the 2019-21 biennium to meet the twenty percent state match requirement for federal capitalization grants and to pay bond issuance costs. If the amount of state matching funds exceeds the twenty percent requirement, the excess can be used to match future federal grants. DEQ will require funds to finance the debt service on these Pollution Control Bonds. DEQ will source all debt service from interest earnings of the CWSRF program, and hence these General Obligation Bonds are “self-financed.” This package covers \$10.02 million of debt service for Bonds of short duration, which are fully redeemed during the 2019-21 biennium with no carryover into subsequent biennia. However, if demand for CWSRF loans remains strong and the long-term bond markets are favorable, DEQ will request the issuance of 20-year bonds with debt-service spread equally over as long as 10 biennia.

2019-21 STAFFING IMPACT

None

REVENUE SOURCE

General Fund	\$0
Other Funds	\$10,020,000
Federal Funds	\$0
Total	\$10,020,000

DETAIL OF LOTTERY FUNDS, OTHER FUNDS, AND FEDERAL FUNDS REVENUE

Environmental Quality, Dept of
2019-21 Biennium

Agency Number: 34000

Cross Reference Number: 34000-009-00-00-00000

<i>Source</i>	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
Nonlimited Other Funds						
Interest Income	35,333	19,440	19,440	64,200	64,200	-
Transfer In - Intrafund	18,610,707	15,787,889	15,787,889	15,848,330	15,848,330	-
Total Nonlimited Other Funds	\$18,646,040	\$15,807,329	\$15,807,329	\$15,912,530	\$15,912,530	-

___ Agency Request
2019-21 Biennium

___x___ Governor's
Budget Page _____

___ Legislatively Adopted
Detail of LF, OF, and FF Revenues - BPR012

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 190 - Electronic Data Management System Debt Serv

Cross Reference Name: PCBF Debt Service
Cross Reference Number: 34000-009-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
General Fund Appropriation	834,752	-	-	-	-	-	834,752
Total Revenues	\$834,752	-	-	-	-	-	\$834,752
Debt Service							
Principal - Bonds	645,000	-	-	-	-	-	645,000
Interest - Bonds	189,752	-	-	-	-	-	189,752
Total Debt Service	\$834,752	-	-	-	-	-	\$834,752
Total Expenditures							
Total Expenditures	834,752	-	-	-	-	-	834,752
Total Expenditures	\$834,752	-	-	-	-	-	\$834,752
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

ESSENTIAL AND POLICY PACKAGE FISCAL IMPACT SUMMARY

Environmental Quality, Dept of
Pkg: 191 - Clean Water SRF Bond Debt Service

Cross Reference Name: PCBF Debt Service
Cross Reference Number: 34000-009-00-00-00000

<i>Description</i>	General Fund	Lottery Funds	Other Funds	Federal Funds	Nonlimited Other Funds	Nonlimited Federal Funds	All Funds
Revenues							
Transfer In - Intrafund	-	-	-	-	10,020,000	-	10,020,000
Total Revenues	-	-	-	-	\$10,020,000	-	\$10,020,000
Debt Service							
Principal - Bonds	-	-	-	-	10,000,000	-	10,000,000
Interest - Bonds	-	-	-	-	20,000	-	20,000
Total Debt Service	-	-	-	-	\$10,020,000	-	\$10,020,000
Total Expenditures							
Total Expenditures	-	-	-	-	10,020,000	-	10,020,000
Total Expenditures	-	-	-	-	\$10,020,000	-	\$10,020,000
Ending Balance							
Ending Balance	-	-	-	-	-	-	-
Total Ending Balance	-	-	-	-	-	-	-

Agency Request
2019-21 Biennium

Governor's
Budget Page _____

Legislatively Adopted
Essential and Policy Package Fiscal Impact Summary - BPR013

CAPITAL BUDGET

Capital Financing Six-Year Forecast Summary

2019-21

AGENCY: DEQ

Agency #: 34000

DOLLAR AMOUNTS SHOULD BE PROJECT COSTS, NOT DEBT SERVICE. PLEASE ATTACH DETAIL OF PROJECT/BOND ISSUANCE PLANS WHICH SUPPORTS THIS SUMMARY.

	Certificates of Participation	General Obligation Bonds	Revenue Bonds	Totals by Repayment Source	
Major Construction/ Acquisition Projects					
Subtotal for General Fund Repayment:	\$	\$	\$	\$	GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$	OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Major Construction	\$	\$	\$	\$	
Equipment/Technology Projects over \$500,000					
Subtotal for General Fund Repayment:	\$	\$	3,600,000 \$	\$	3,600,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$	OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Equipment/Technology	\$	\$	3,600,000 \$	\$	3,600,000
Debt Issuance for Loans and Grants					
Subtotal for General Fund Repayment:	\$	\$	\$	\$	GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	10,000,000 \$	\$	10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Debt Issuance for Loans & Grants	\$	\$	10,000,000 \$	\$	10,000,000
TOTALS FOR 2021-23					
Subtotal for General Fund Repayment:	\$	\$	3,600,000 \$	\$	3,600,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	10,000,000 \$	\$	10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
TOTAL 2021-23	\$	\$	13,600,000 \$	\$	13,600,000

CAPITAL FINANCING SIX-YEAR FORECAST SUMMARY 2021-2023

AGENCY: DEQ

Agency #: 34000

DOLLAR AMOUNTS SHOULD BE PROJECT COSTS, NOT DEBT SERVICE. PLEASE ATTACH DETAIL OF PROJECT/BOND ISSUANCE PLANS WHICH SUPPORTS THIS SUMMARY.

	Certificates of Participation	General Obligation Bonds	Revenue Bonds	Totals by Repayment Source
Major Construction/ Acquisition Projects				
Subtotal for General Fund Repayment:	\$	\$	\$	\$ GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$ LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$ OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$ FF
Total for Major Construction	\$	\$	\$	
Equipment/Technology Projects over \$500,000				
Subtotal for General Fund Repayment:	\$	\$ 8,000,000	\$	\$ 8,000,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$ LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$ OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$ FF
Total for Equipment/Technology	\$	\$ 8,000,000	\$	\$ 8,000,000 FF
Debt Issuance for Loans and Grants				
Subtotal for General Fund Repayment:	\$	\$ 10,000,000	\$	\$ 10,000,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$ LF
Subtotal for Other Funds Repayment:	\$	\$ 10,000,000	\$	\$ 10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$ FF
Total for Debt Issuance for Loans & Grants	\$	\$ 20,000,000	\$	\$ 20,000,000
TOTALS FOR 2021-23				
Subtotal for General Fund Repayment:	\$	\$ 18,000,000	\$	\$ 18,000,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$ LF
Subtotal for Other Funds Repayment:	\$	\$ 10,000,000	\$	\$ 10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$ FF
TOTAL 2021-23:	\$	\$ 28,000,000	\$	\$ 28,000,000

CAPITAL FINANCING SIX-YEAR FORECAST SUMMARY 2023-25

AGENCY: DEQ
Agency #: 34000

DOLLAR AMOUNTS SHOULD BE PROJECT COSTS, NOT DEBT SERVICE. PLEASE ATTACH DETAIL OF PROJECT/BOND ISSUANCE PLANS WHICH SUPPORTS THIS SUMMARY.

	Certificates of Participation	General Obligation Bonds	Revenue Bonds	Totals by Repayment Source	
Major Construction/Acquisition Projects					
Subtotal for General Fund Repayment:	\$	\$	\$	\$	GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$	OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Major Construction	\$	\$	\$	\$	
Equipment/Technology Projects over \$500,000					
Subtotal for General Fund Repayment:	\$	\$	1,000,000 \$	\$	1,000,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	\$	\$	OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Equipment/Technology	\$	\$	1,000,000 \$	\$	1,000,000
Debt Issuance for Loans and Grants					
Subtotal for General Fund Repayment:	\$	\$	\$	\$	GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	10,000,000 \$	\$	10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
Total for Debt Issuance for Loans & Grants	\$	\$	10,000,000 \$	\$	10,000,000
TOTALS FOR 2023-21					
Subtotal for General Fund Repayment:	\$	\$	1,000,000 \$	\$	1,000,000 GF
Subtotal for Lottery Funds Repayment:	\$	\$	\$	\$	LF
Subtotal for Other Funds Repayment:	\$	\$	10,000,000 \$	\$	10,000,000 OF
Subtotal for Federal Funds Repayment:	\$	\$	\$	\$	FF
TOTAL 2023-25:	\$	\$	11,000,000 \$	\$	11,000,000

Facilities Narrative Report

2019-21 Biennium

**Facility Plan - Facilities Planning Narrative 107bf02
2019-21 Biennium**

Agency Name

Dept. of Environmental Quality

1. What are the key drivers for your agency's facility needs, and how do you measure space/facility demand?

DEQ's key drivers for facility needs are to provide efficient office/work space for all DEQ employees and to geographically place facilities that best serve Oregonians and support the agency's mission. The agency's measure of space demand is based on the continued fulfillment of its regulatory tasks, which may increase or decrease over time based on the changing environmental priorities of state and federal government.

2. What are the key facility-related challenges over the next 10-years? (Please answer in order of priority)

DEQ may face challenges in the next 10 years either by having too little or too much space available for growth/reduction of FTE and limited opportunity to acquire or reduce space within its currently leased facilities.

3. What do you need to meet these challenges?

The agency will need support from real estate/leasing professionals skilled in negotiating lease agreements with terms that allow for flexibility in the acquisition or reduction of space.

Facilities Summary Report

2019-21 Biennium

107bf16a

Agency Name:

Department of Environmental Quality

Owned Facilities Over \$1 million

Number of Facilities
 Current Replacement Value \$ (CRV)¹
 Gross Square Feet (GSF)
 Usable Square Feet (USF)²
 Occupants Position Count (PC)³

FY 2018 DATA

0

Source⁴ Risk or FCA
 Estimate/Actual⁵ % USF/GSF
USF/PC⁶
 Or Agency Measure⁷

Owned Facilities Under \$1 million

Number of Facilities
 CRV¹
 GSF

Leased Facilities

Total Rentable SF⁸
 Biennial Lease Cost
 Additional Costs for Lease Properties (O&M)⁹
 Usable Square Feet (USF)²
 Occupants Position Count (PC)³

267,118
\$13,844,213.00
266,056
841

Estimate/Actual⁵ % RSF/GSF
USF/PC⁶

Definitions

- CRV 1** Current Replacement Value Reported to Risk Management *or Calculated Replacement Value Reported from iPlan Facility Conditions Assessment (FCA)*
- USF 2** Usable Square Feet per BOMA definition for office/administrative uses. Area of a floor occupiable by a tenant where personnel or furniture are normally housed plus building amenity areas that are convertible to occupant area and not required by code or for the operations of a building. If not known, estimate the percentage.
- Occupant Postion Count (PC) 3** Total Legislatively Approved Budget (LAB) Position Count within the buildings or leases as applicable.
- Source 4** Enter Source of CRV as "Risk" or "FCA"

- Estimate/Actual 5** Use actual USF % of USF to GSF, if available. If not known, estimate the percentage.
- Office/Administrative USF/PC 6** Divide your USF by your position count. If office/admin space is a less than 10% of your space use, fill in N/A and fill in #7, "Agency Measure".
- Agency Measure 7** If not using USF/PC, insert Agency Measure as defined in 107BF02 question #1.
- RSF 8** Rentable SF per BOMA definition. The total usable area plus a pro-rated allocation of the floor and building common areas within a building.
- O&M 9** Total Operations and Maintenance Costs for facilities including all maintenance, utilities and janitorial

Facilities Operations and Maintenance and Deferred Maintenance

2019-21 Biennium

**Facility Plan - Facility O&M/DM Report 107B16b
2019-21 Biennium**

Agency Name

Department of Environmental Quality

**Facilities Operations and Maintenance (O&M)
Budget excluding Capital Improvements and
Deferred Maintenance¹**

	2015-17 Actual	2017-19 LAB	2019-21 Budgeted	2021-23 Projected
Personal Services (PS) Operations and Maintenance				
Services and Supplies (S&S) Operations and Maintenance	141,187.93	158,174.00	172,809.00	179,375.74
Utilities not included in PS and S&S above				
Total O&M	141,187.93	158,174.00	172,809.00	179,375.74
O&M \$/SF	0.53			

Total O&M SF 267,118

	General Fund	Lottery Fund	Other Funds	Federal Funds
O&M Estimated Fund Split Percentage %²	4%	1%	94%	2%

**Total Short and Long Term Deferred Maintenance
Plan for Facilities Value Over \$1M³**

	Current Costs (2017)	Ten Year Projection	2019-21 Budgeted	2021-23 Projected
Priorities 1-3 - Currently, Potentially and Not Yet Critical ^{4,5,6}				
priority 4 - Seismic & Natural Hazard ⁷				
Priority 5 - Modernization ⁸				
Total Priority Need				
Facility Condition Index (Need/CRV)⁹				

Buildings Over \$1M CRV *Current Replacement Value Reported to Risk or Calculated Replacement Value Reported from Facility Conditions Assessment (FCA)*

Process/Software for routine maintenance (O&M)	Provide narrative
Process/Software for deferred maintenance/renewal	Provide narrative
Process for funding facilities maintenance	Provide narrative

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Environmental Quality, Department of

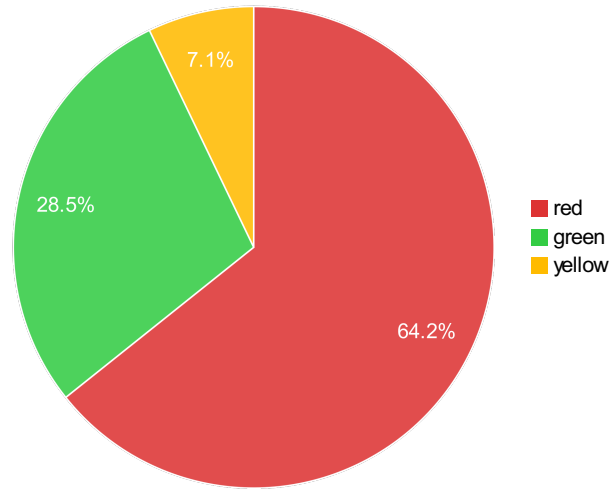
Annual Performance Progress Report

Reporting Year 2018

Published: 8/22/2018 11:24:50 AM

KPM #	Approved Key Performance Measures (KPMs)
1	PERMIT TIMELINESS - Percentage of air contaminant discharge permits issued within the target period.
2	AIR QUALITY DIESEL EMISSIONS - Quantity of diesel particulate emissions.
3	AIR QUALITY CONDITIONS - National Standards: Number of days when air is unhealthy for sensitive groups and all groups.
4	AIR QUALITY - AIR TOXICS - Air Toxics Trends in Larger and Smaller Communities
5	PERMIT TIMELINESS - Percent of Title V operating permits issued with the target period.
6	PERMIT TIMELINESS - Percentage of individual wastewater discharge permits issued within 270 days.
7	UPDATED PERMITS - Percent of total wastewater permits that are current.
8	WATER QUALITY CONDITIONS - Percent of monitored streamsites with significantly increasing trends in water quality.
9	CLEANUP - Properties with known contamination cleaned up
10	MATERIALS MANAGEMENT - Waste generation
11	MATERIALS MANAGEMENT - Waste recovery
12	CUSTOMER SERVICE - Percent of customers rating their satisfaction with the agency's customer service as "good" or "excellent": overall, timeliness, accuracy, helpfulness, expertise, availability of information.
13	ERT - Percent of local participants who rank DEQ involvement in Economic Revitalization Team process as good to excellent.
14	BOARDS AND COMMISSIONS - Percent of total best practices met by the Environmental Quality Commission.

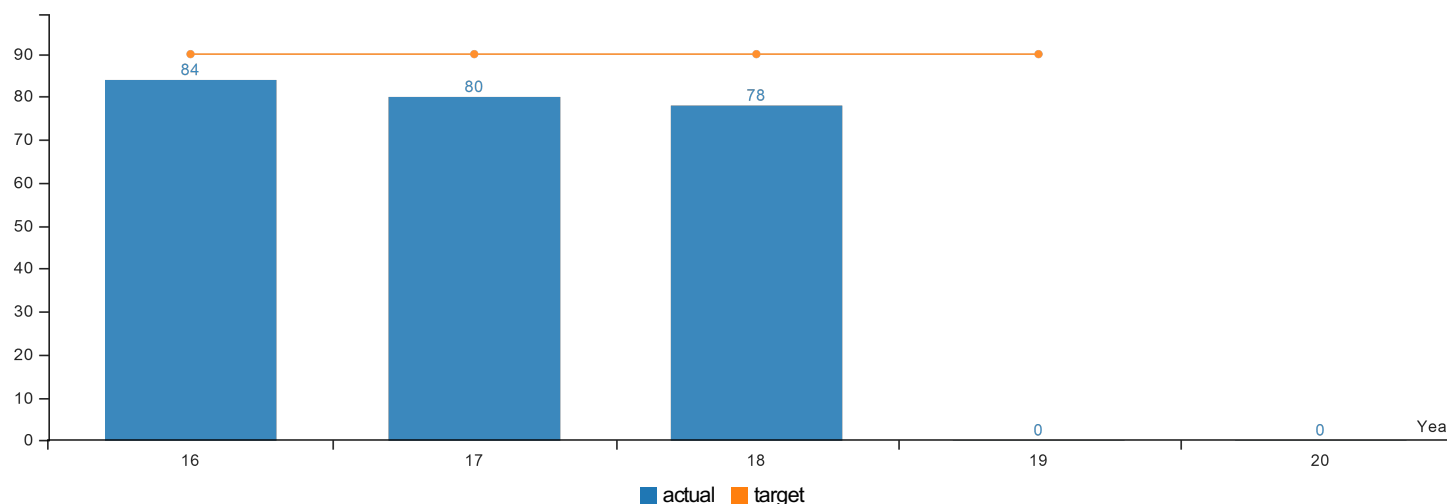
Proposal	Proposed Key Performance Measures (KPMs)
Delete	PERMIT TIMELINESS - Percentage of air contaminant discharge permits issued within the target period.
Delete	PERMIT TIMELINESS - Percent of Title V operating permits issued with the target period.
New	Permit Timeliness - Issuance of new permits - Percentage of new air quality permits that are issued within timeliness targets.
New	Permit Timeliness - Issuance of Permit Modifications - Percentage of air quality permit modifications issued within the target timeliness period.
New	Permit Timeliness - Current Permits - Percent of air quality permits that are current (not on administration extension)



Performance Summary	Green	Yellow	Red
	= Target to -5%	= Target -5% to -15%	= Target > -15%
Summary Stats:	28.57%	7.14%	64.29%

KPM #1	PERMIT TIMELINESS - Percentage of air contaminant discharge permits issued within the target period.
	Data Collection Period: Jan 01 - Dec 31

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Air Quality Permit Timeliness: ACDP Permits issued within Target					
Actual	84%	80%	78%	No Data	No Data
Target	90%	90%	90%	90%	TBD

How Are We Doing

DEQ requires Air Contaminant Discharge Permits when sources, of any size, construct or modify their facilities. These permits are also required for the operation of medium-sized point sources and the operation of some smaller-sized point sources that emit specified hazardous air pollutants. In 2017, DEQ issued 78 percent of ACDP permits within the target period. DEQ sets processing targets for the different types of permits, with a range from 30 days for the simplest permits to 365 days for the most complex permits.

DEQ's goal is to issue 90 percent of ACDP permits within the target periods to ensure businesses have needed permits so that they can construct, expand or modify their operations. A recent performance audit conducted by the Secretary of State identified several key factors contributing to DEQ's inability to renew existing permits in a timely fashion. These factors are discussed in the "Factors Affecting Results" section.

Note: The 2018 report is based on data from calendar year 2017.

Factors Affecting Results

As mentioned above, the Oregon Secretary of State's recent performance audit revealed a permit renewal backlog. Auditors identified a number of root causes, including the following primary factors:

- Pre-application guidance and tools available for the regulated community are outdated or not easy to use
- Competing demands such as compliance inspections and responding to complaints take away time from permit writing
- Position cuts due to revenue shortfalls have led to unmanageable workloads

DEQ agrees with the results of the audit and has been working to address its findings since early 2018. Key initiatives currently underway include:

- A comprehensive process improvement effort to develop more efficient internal processes
- Redesigning the permitting program webpage for improved usability
- Updating key guidance documents that assist permit writers and sources interpret rules and requirements

Management comments

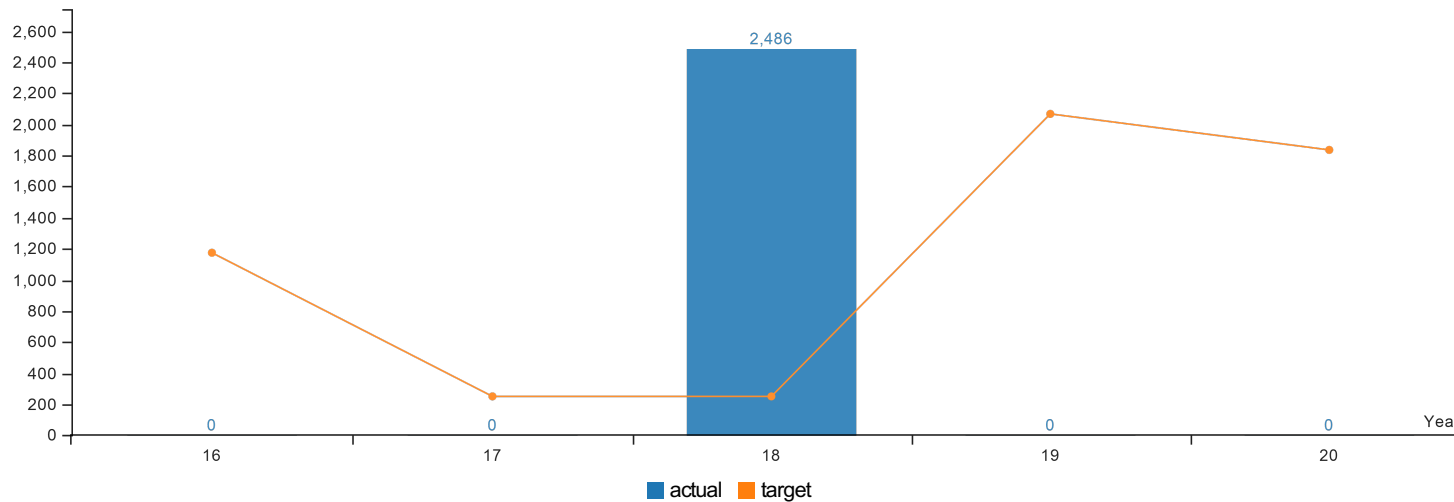
DEQ uses the ACDP timeliness KPM as one measure of the effectiveness of the ACDP program. However, the measure does not provide a full picture of program results. The agency proposes to delete the existing permit timeliness measures and replacing it with three new measures, described in detail below.

The agency proposes to track timeliness for new permits and modified permits separately instead of as a combined measure. This allows the agency and the legislature a finer level of granularity when monitoring performance of two key functions, issuing new air quality permits, and processing applications to modify existing permits.

We also propose to monitor permit renewals as a separate measure. These changes will better reflect priority work and address issues raised in a recent performance audit of the agency's Air Quality Permitting program. The new measures help ensure that the permit backlog work is measured and reported on a regular basis. Issuance of a permit that has been in "backlog" negatively impacts the existing timeliness measures, creating a disincentive for addressing permits that have been in backlog the longest. By proactively measuring progress on our backlog through a separate KPM this disincentive is eliminated.

KPM #2	AIR QUALITY DIESEL EMISSIONS - Quantity of diesel particulate emissions.
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = negative result



Report Year	2016	2017	2018	2019	2020
Quantity of diesel particulate emissions (in tons)					
Actual	0	0	2,486	No Data	No Data
Target	1,175	250	250	2,069	1,837

How Are We Doing

Diesel particulate matter is a known human carcinogen. This health risk is present not only for those exposed to diesel particulate in the workplace but also for about 92 percent of Oregon's population, based on the 2011 U.S. Environmental Protection Agency National Air Toxics Assessment, the most recent data available.

The targets for this measure reflect emission reductions needed to archive a legislative goal established in 2007 (ORS 468A.793) to reduce excess cancer risk from diesel particulate matter exposure to one-in-a-million by 2017. DEQ failed to meet the target and the legislative goal in 2017, with diesel particulate matter emissions close to 2,500 tons, instead of the 250 ton goal. DEQ proposes to modify the annual targets for the diesel particulate matter measure to better reflect the current tools and resources available for this issue. While DEQ, along with many other partners, has used federal and state grants and tax credits to reduce about 60 tons of emissions since 2007, that reduction has not been sufficient to achieve the statutory goal.

DEQ derives the data for this measure from an assessment of all air pollutants from all sources in the state that EPA compiles every three years call the National Emissions Inventory. The 2014 calendar year is the latest data available for this report. While DEQ proposes a change to the target, the agency will retain the reporting period and reliance on NEI data; every three years reflecting the previous calendar year.

Proposed updated targets:

- 2017: 2,069 tons per year
- 2020: 1,837 tons per year
- 2023: 1,606 tons per year

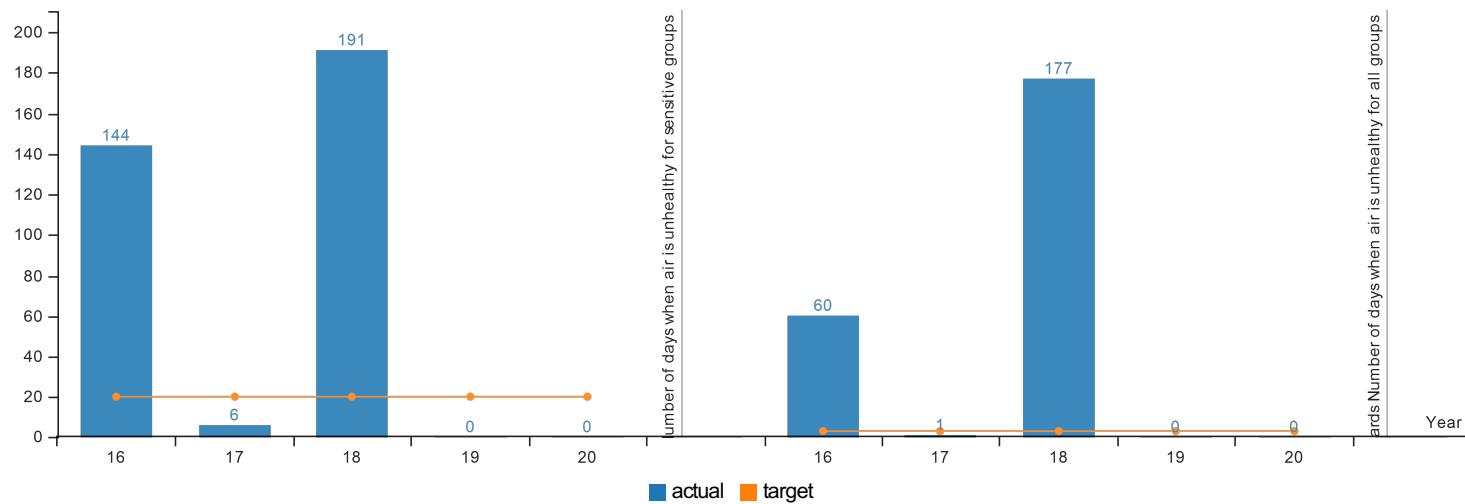
Factors Affecting Results

Retrofitting exhaust controls is a cost effective environmental and public health protection measure. However, since retrofitting is voluntary, there is no regulatory or economic incentive for engine owners to purchase new low-emitting equipment much before the end of useful life of existing equipment. Retrofits are difficult expenditures for fleet owners to undertake absent any other pressure to change. Financial assistance has been crucial to achieving the gains to date.

In 2007, when the Legislature set the diesel goal, they also appropriated \$1 million in state funds, as well as tax credits, for clean diesel projects. The economic downturn that followed placed extraordinary pressures on the state budget, and the Legislature eliminated the General Fund support for clean diesel projects in the 2009-2011 biennium. State tax credits for diesel projects sunset after 2011. Federal funding available through the Diesel Emission Reduction Act continues but at reduced levels. The loss of funding for incentive programs has resulted in slower progress in meeting the target and legislative goal.

Recently a federal court stipulated a settlement against claims that Volkswagen manufactured and sold diesel passenger cars that violated federal emission standards. An element of the settlement was the establishment of a \$2.9 billion fund intended to support projects to offset the excess emissions. This fund is to be distributed among states based on the proportion of VW diesel passenger cars registered in the state. Oregon's allocation comes to \$72.9 million. Senate Bill 1008 (2017) stipulated that Volkswagen Settlement funds be used solely to support school bus engine retrofit and replacement projects, until further direction from the legislature.

KPM #3	AIR QUALITY CONDITIONS - National Standards: Number of days when air is unhealthy for sensitive groups and all groups.
	Data Collection Period: Jan 01 - Jan 01



Report Year	2016	2017	2018	2019	2020
National Standards Number of days when air is unhealthy for sensitive groups					
Actual	144	6	191	No Data	No Data
Target	20	20	20	20	20
National Standards Number of days when air is unhealthy for all groups					
Actual	60	1	177	No Data	No Data
Target	3	3	3	3	3

How Are We Doing

DEQ developed this unhealthy air days measure in 2006 to track air quality for sensitive individuals - children, the elderly and people with existing medical conditions such as asthma, respiratory and heart problems - and all groups in the general population. The sensitive groups are at greater risk from the effects of air pollution than the general population. The measure indicates the number of days that sensitive groups and all groups of Oregonians breathe air that exceeds the federal health-based air quality standards for particulate matter, ozone (smog) and four other air pollutants.

Note: The 2018 report is based on data from calendar year 2017.

SENSITIVE GROUPS: Oregon's number of days when air was unhealthy for sensitive groups (based on the criteria pollutants) went up from 6 days in 2016 to 191 in 2017. This includes 30 of the cities or airsheds in the state.

The unhealthy days were in Bend, Burns, Eugene, Hermiston, Lakeview and Prineville. Four of these unhealthy air days occurred in the winter, when Oregon normally experiences the most days. One unhealthy day occurred in Bend in the spring due to a prescribed burn nearby, and one occurred in Hermiston in the summer due to elevated ozone levels.

ALL GROUPS: In 2017, Oregon recorded 177 day when air was unhealthy for all groups or worse, up from one day in 2016. The unhealthy or worse air days occurred in 26 cities or air sheds. The numerous forest fires in 2017 in and outside of Oregon substantially affected summer-time air quality.

Factors Affecting Results

In 2017, the primary factor for the worsening trends in unhealthy air days are forest fire smoke impacts due to an exceptionally bad forest fire year, and also winter stagnation events.

- Unhealthy for sensitive groups: Out of the 191 unhealthy for sensitive group days, 144 were from forest fire smoke. The remaining 47 days were primarily from particulate matter during fall and winter stagnation events.
- Unhealthy for all groups: Out of the 177 unhealthy or worse days, 171 were from forest fire smoke. The remaining six days were primarily from particulate matter (smoke) during fall and winter.

Air pollution levels caused by man-made sources are affected by the amount of pollution-generating activity occurring in each community, the amount of resources dedicated to pollution reduction, and, in many cases, simply the weather. Very cold winters with periods of severe air stagnation can greatly intensify and increase fine particulate levels in communities. In the summer, prolonged periods of hot temperatures combined with poor ventilation can intensify and increase ground level ozone (smog) pollution.

Federal, state and local air pollution reduction programs, such as woodstove curtailment, education, cleaner car standards, and industrial emission controls all work together to reduce air pollution. Air quality monitoring also plays a vital role in allowing DEQ and local governments to assess air quality and health risk conditions in communities and respond appropriately.

Each forest fire season brings different air pollution impacts depending on the frequency, location and duration of forest fires. The air pollution trends presented in this measure reflects all these factors. In addition, medical research on the health effects of air pollution continues to advance, and EPA may continue to make national ambient air quality health standards more protective based on that science.

On Oct. 1, 2015, EPA strengthened the National Ambient Air Quality Standards for ground-level ozone to 70 parts per billion from 75 ppb, based on extensive scientific evidence about ozone's effects on public health and welfare. All communities in Oregon currently meet the standard; however, Medford, Portland, Salem and Hermiston are closest to the standard with annual averages ranging between 60 ppb and 64 ppb.

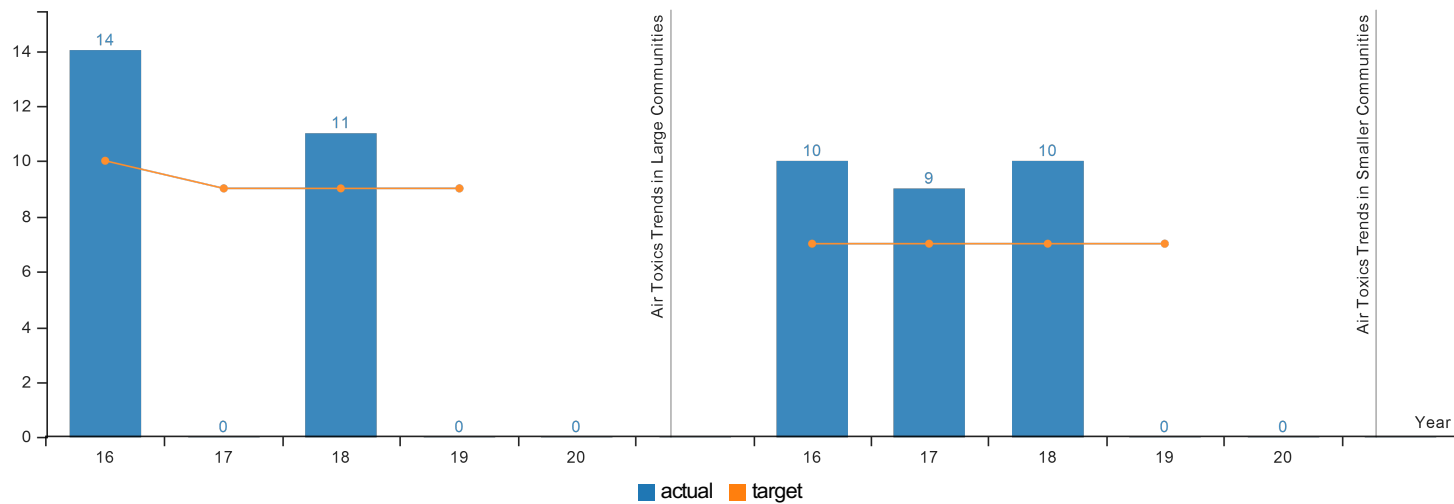
Management comments

This measure illustrates that the air is unhealthy for the general population to breathe in some Oregon cities on some days but on those days, air pollution levels far exceed the federal standard. However, the weather can affect pollutant levels and during extremely rainy years, the number of unhealthy for sensitive groups days are lower. Elevated fine particulate levels resulting from woodstoves and other combustion source cause the majority of unhealthy air days. DEQ continually works with communities to reduce fine particulate pollution, prevent air quality problems, restore air quality to health levels, and maintain progress. These efforts can also support the economic health of communities suffering from unhealthy air quality and burdened by Clean Air Act requirements.

In 2017, Oregon and the surrounding states had numerous major forest fires. The resulting forest fire smoke intrusions cause the majority of unhealthy air days. Oregon Department of Forestry, the U.S. Forest Service and Bureau of Land Management conduct prescribed burning outside of the forest fire season to reduce the fuel loading in their respective forests. DEQ monitors the prescribed burns to determine if they are affecting nearby communities. The forest managers use this monitoring information to inform their burning decisions.

DEQ and Lane Regional Air Protection Agency are working with Klamath Falls and Oakridge to reduce winter particulate levels to bring them into attainment for PM2.5. Both have PM2.5 State Implementation Plans and Klamath Falls is in attainment and we are working on a maintenance plan. Other communities at risk of going into Non-Attainment include Medford and Prineville. DEQ is working with community leaders to lower their PM2.5 levels to avoid going into non-attainment. DEQ does not use exceedances caused by forest fire smoke to determined compliance with the standard

KPM #4	AIR QUALITY - AIR TOXICS - Air Toxics Trends in Larger and Smaller Communities
	Data Collection Period: Jan 01 - Jan 01



Report Year	2016	2017	2018	2019	2020
Air Toxics Trends in Large Communities					
Actual	14	0	11	No Data	No Data
Target	10	9	9	9	TBD
Air Toxics Trends in Smaller Communities					
Actual	10	9	10	No Data	No Data
Target	7	7	7	7	TBD

How Are We Doing

The data reported in 2018 are from calendar year 2017.

Air toxics are chemicals in the air that are known or suspected to cause cancer or other serious health problems. Using current medical studies, DEQ has established benchmarks for a variety of airborne toxic chemicals. The benchmarks are based on concentration levels that would result in a cancer risk of one-in-a-million additional cancers based on a lifetime of exposure, and that protect the health of the most sensitive individuals. The benchmarks serve as clean air goals, but not regulatory standards.

DEQ's goal is to reduce levels of five representative airborne toxics - benzene, acetaldehyde, formaldehyde, arsenic and cadmium - down to the slight risk level of one time above the benchmark for each pollutant by 2020. The KPM goals are based on very protective concentrations at which sensitive members of the population would experience a negligible increase in risk of additional cancers or other health effects. Meeting the KPM goals is a partial indication of reduced risk to public health, since air toxics not included in this KPM can affect health. The values for this measure are obtained by dividing the average annual monitored concentrations by DEQ benchmark values for each pollutant.

Large Communities: Between 2004 and 2016, DEQ gathered data for this measure at North Roselawn Street in Portland. Emissions during construction of housing adjacent to this monitor in 2016 rendered the data non-representative and interfered with sample collection. The new building also made the site unsuitable for future use. As a result, DEQ relocated the monitoring site 0.2 miles away at the Humboldt School on North Gantenbein Avenue. This location is in the same North/Northeast quadrant of Portland. In calendar year 2017, DEQ collected 10 months of data at the

Humboldt School location.

The Humboldt School site is representative of a Portland inner city neighborhood. Tracking air toxics trends in Portland provides information about changes in risk to Oregon's most populated and developed areas, communities with populations of 50,000 or more. Air toxics, as measured by trends in the five tracked pollutant concentrations, have improved significantly from an average concentration of 32 times above the health benchmark in 2004 to 11 times above the benchmark in 2017.

Smaller Communities: From 2004 until the fall of 2016, data for this measure was gathered at a mostly residential area on Ash Street in La Grande. DEQ moved the monitoring station in September 2016 because of interference from burning immediately next to the site. The new site, at North Hall Street and East N Avenue, is at an elementary school on the east side of La Grande. The old and new sites are representative of typical smaller community neighborhoods. La Grande is a small community not influenced by surrounding development or heavy industrialization. Compared to larger communities, such as Portland, fewer air toxics in La Grande come from vehicle emissions. An interstate highway runs through La Grande, and it is a regional freight distribution center, but there are lower levels of congestion and traffic volume. Air toxics, as measured by trends in the five tracked pollutant concentrations, have improved from an average concentration of 15 times above the health benchmark in 2004 to about 10 times above the benchmark in 2017. Annual average levels of benzene, arsenic, acetaldehyde and formaldehyde in La Grande increased slightly from 9 in 2016 to 10 in 2017.

Factors Affecting Results

Large Communities: In an urban area like Portland, air toxics are most influenced by emissions from cars and trucks, with additional influence from residential wood burning and, on a neighborhood level, emissions from industry and commercial activities. Portland is an ozone maintenance area in which industry has been required to control volatile organic compounds, many of which are also air toxics. Weather patterns, such as winter-time stagnation, high summer-time temperatures, and natural events, such as wildfires, can be significant factors resulting in elevated air toxics concentrations.

Smaller Communities: Of the five tracked pollutants in La Grande, benzene and acetaldehyde pose the most potential risk to public health. Benzene is three times the benchmark and acetaldehyde is five times the benchmark. Sources of benzene in La Grande are residential wood combustion, cars and trucks, leaks in the gasoline distribution system, fossil fuel combustion for heat and energy, industrial emissions, wild fires and background levels that presumably come from other developed areas.

Pollutant information:

Sources of benzene are cars and trucks, leaks in the gasoline distribution system, residential wood combustion, fossil fuel combustion for heat and energy, industrial emissions, wild fires, and background levels that presumably come from other developed areas. Decreases in benzene are largely attributable to cleaner vehicle engines with improved fuel economy and federally mandated reduction of benzene in gasoline that took effect in 2011 and 2012. However, reductions may be offset by local increases in driving and additional vehicles related to population growth.

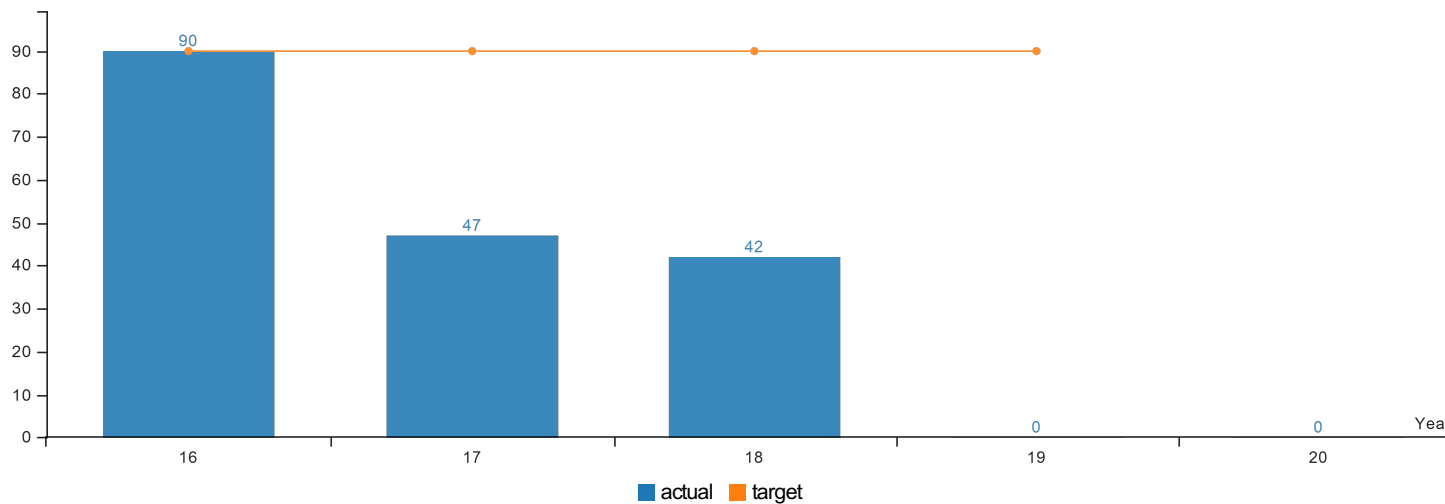
Acetaldehyde and formaldehyde are produced by wood and fossil fuel combustion, but the largest quantities of these pollutants are produced through chemical formation in the atmosphere. Precursors in the chemical formation process are volatile organic compounds emitted from wood and fossil fuel combustion and vegetation. Acetaldehyde and formaldehyde values have not changed significantly since 2004. Pollutants formed through a complex secondary process are more difficult to decrease through emission reduction strategies than pollutants controlled at their primary sources.

Arsenic is predominantly from engines burning fossil fuels, natural gas and other petroleum products, and glass and metals industries. Arsenic values have dropped from a high of nine times above the benchmark in 2004 to levels fluctuating around four or five times above the benchmark for the last six years in Portland. DEQ expects that arsenic levels in Portland will decrease as the vehicle fleet continues to turn over to new and cleaner vehicles and fuel efficiency improves. Arsenic in Portland is also influenced by background concentrations because arsenic is present in local volcanic soils that become airborne as dust. Arsenic levels in La Grande have remained at the clean air goal of one time above the benchmark for the past ten years.

Levels of cadmium have ranged from four times above the benchmark in 2005 to levels fluctuating between one and two times above the benchmark since 2010. In 2017, cadmium was below the benchmark for the first time since air toxics trend monitoring began in Portland. Between 2012 and 2016, DEQ investigated unidentified sources of cadmium in the Portland area. In 2016 DEQ, in collaboration with federal moss researchers, identified art glass manufacturers as a significant source of cadmium in Portland. The agency has since adopted rules specific to Colored Art Glass Manufacturers which controlled cadmium emissions from those sources, and may have resulted in the historic low level recorded at the monitor in 2017. There is no cadmium measured in La Grande.

KPM #5	PERMIT TIMELINESS - Percent of Title V operating permits issued with the target period.
	Data Collection Period: Jan 01 - Dec 31

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Air Quality Permit Timeliness: Title V Permits issued within Target					
Actual	90%	47%	42%	No Data	No Data
Target	90%	90%	90%	90%	TBD

How Are We Doing

Note: The 2018 report is based on 2017 calendar year data.

DEQ operates the Title V Permit program, which is required by the federal Clean Air Act for major sources emitting traditional "criteria" or hazardous air pollutants. Oregon's largest industrial facilities tend to be the source of these emissions. In 2016, DEQ issued 42 percent of its Title V permits within the target period.

Targets for issuing Title V permits range from 60 days to 365 days depending on the permit action and complexity. DEQ's targets for permit issuance are six to 16 months, shorter than the 18-month period required by state and federal laws. All targets include time for a public notice period, which provides the public a chance to comment on the permit and request a public hearing. It is important to DEQ that the public has an opportunity to participate in the review process and help protect public health.

Factors Affecting Results

DEQ experienced a significant decrease in Title V permit timeliness between calendar years 2015 (90 percent) and 2017. In calendar years 2016 and 2017, the agency prioritized issuing permits that have been in backlog status the longest. Addressing and improving the backlog by working on older and expired permits negatively affects this measure, which is a composite of the number of permits that are issued and the duration of time between receiving an application and issuing the permit.

In early 2018 the Oregon Secretary of State completed a performance audit of DEQ's air quality permitting programs, including Title V. Auditors identified a number of root causes, including the following primary factors:

- Pre-application guidance and tools available for the regulated community are outdated or not easy to use
- Competing demands such as compliance inspections and responding to complaints takes away time for permit writing
- Position cuts due to revenue shortfalls have led to unmanageable workloads.

DEQ agrees with the results of the audit and has been working to address its findings since early 2018. Key initiative currently underway include:

- A comprehensive lean process improvement effort designed to identify opportunities where the agency can create more efficient internal processes.
- A redesign of the permitting program webpage designed to improve the usability of the website by permit current and prospective permit holders.
- Updating key guidance documents that assist permit writers and sources interpret rules and requirements.

Management comments

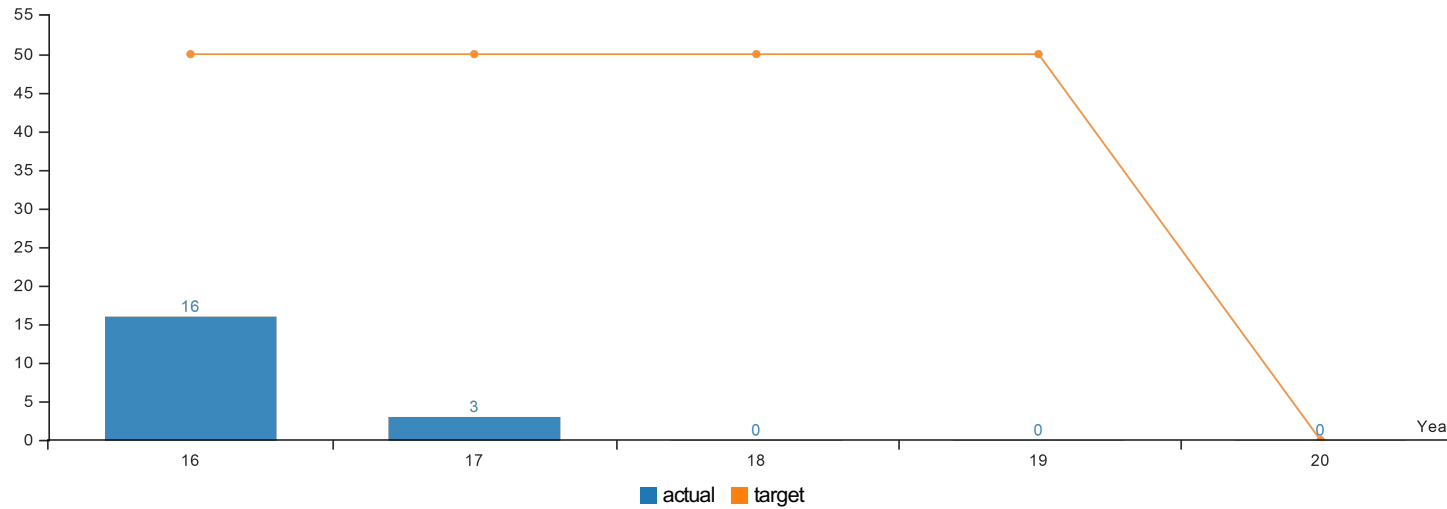
DEQ uses the Title V timeliness KPM as one measure of the effectiveness of the Title V program. However, the measure does not provide a full picture of program results. The agency proposes to delete the existing permit timeliness measures and replacing it with three new measures, described in detail below.

The agency proposes to track timeliness for new permits and modified permits separately instead of as a combined measure. This allows the agency and the legislature a finer level of granularity when monitoring performance of two key functions, issuing new air quality permits, and processing applications to modify existing permits.

We also propose to monitor permit renewals as a separate measure. These changes will better reflect priority work and address issues raised in a recent performance audit of the agency's Air Quality Permitting program. The new measures help ensure that the permit backlog work is measured and reported on a regular basis. Issuance of a permit that has been in "backlog" negatively impacts the existing timeliness measures, creating a disincentive for addressing permits that have been in backlog the longest. By proactively measuring progress on our backlog through a separate KPM this disincentive is eliminated.

KPM #6	PERMIT TIMELINESS - Percentage of individual wastewater discharge permits issued within 270 days.
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Percentage of individual wastewater discharge permits issued within 270 days					
Actual	16%	3%	No Data	No Data	No Data
Target	50%	50%	50%	50%	0%

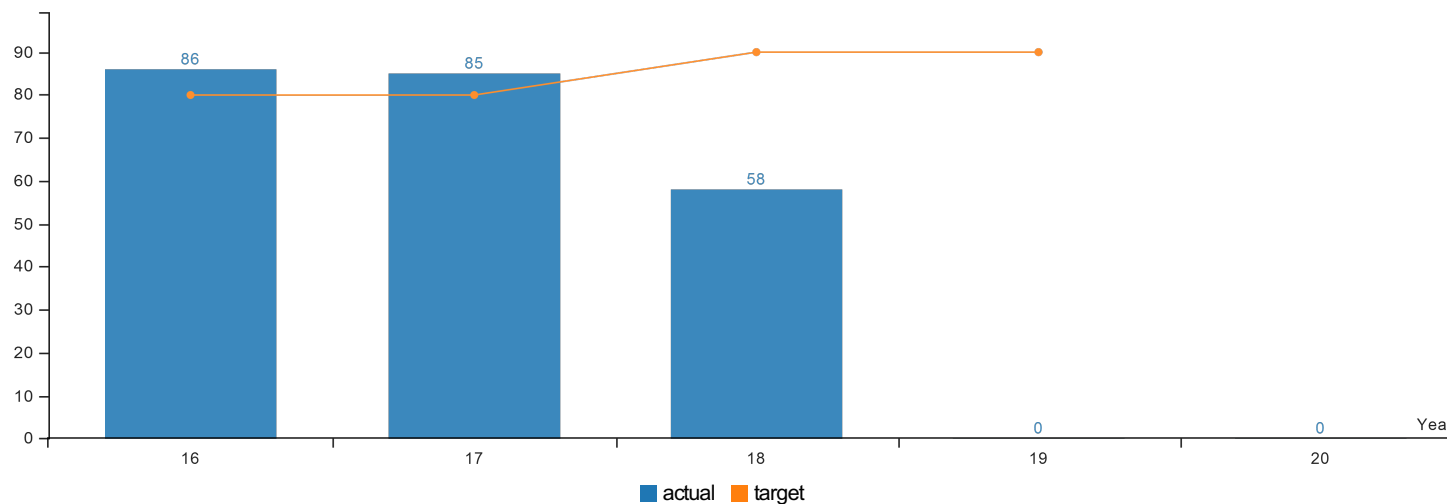
How Are We Doing

This measure requires data that is not available until October of each year. DEQ will update this report at that time.

Factors Affecting Results

KPM #7	UPDATED PERMITS - Percent of total wastewater permits that are current.
	Data Collection Period: Jan 01 - Jun 30

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Percent of total wastewater permits that are current					
Actual	86%	85%	58%	No Data	No Data
Target	80%	80%	90%	90%	TBD

How Are We Doing

At the end of June 2018, DEQ had 56 percent of permitted sources assigned to current general and individual permits, which falls short of the 80 percent target. This metric includes National Permit Discharge Elimination System permits and Water Pollution Control Facility permits, but excludes onsite septic system permits and "agent" permits such as the Combined Animal Feeding Operations permit the Oregon Department of Agriculture administers.

While the overall percent of current permitted source dropped significantly, the actual number of current individual permits has remained stable. The large decrease in the total number of permitted sources reflects the expiration of general permits that previously covered large numbers of permitted sources. For example, the WPCF 600 general permit for off-stream placer mining expired in January 2018 and was not renewed, resulting in DEQ no longer counting 369 sources as current permit holders. The large backlog of expired permits remains a critical concern for the permitting program.

In 2016, an outside consultant evaluated DEQ's NPDES permit program and provided recommendations for improvement in key areas such as process improvement, workload analysis, organizational structure and policy development. DEQ has made significant progress implementing some of the recommendations, including better defining the permit development process; improving the acquisition and use of data needed for individual NPDES permit development; evaluating the "readiness" of all individual NPDES permits statewide; and shifting workload to establish NPDES permit development as a priority. Significant work remains to achieve timely, high-quality permits.

Factors Affecting Results

The complexities of technical and legal issues encountered during permit development continue to affect DEQ's ability to issue permits in a timely manner. Moreover, DEQ's focus on implementing

the recommendations for improvements to the individual NPDES program has resulted in less effort on issuing general permits and WPCF permits.

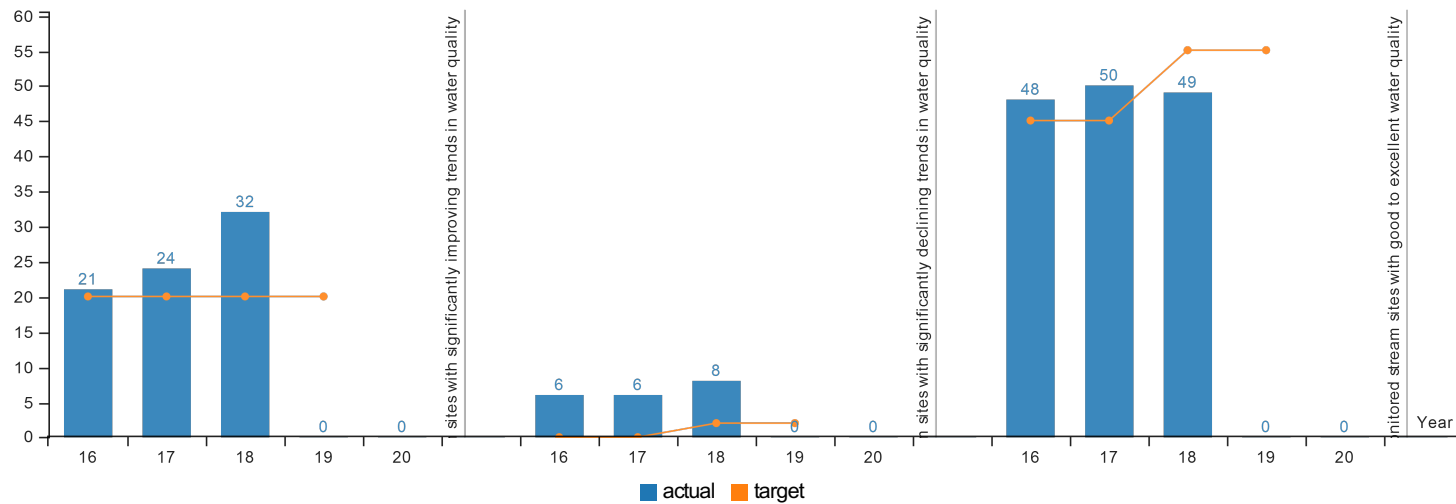
Changes in water quality standards and criteria for Total Maximum Daily Loads (clean water plans) also delay permitting efforts when the changes require additional water quality monitoring or create program uncertainty. New water quality standards have also increased the use of compliance schedules, variances and other complex regulatory tools to issue permits.

Management comments

An independent review of DEQ's permit program culminated in November 2016 with recommendations for improvement and a proposed implementation plan. The consultant examined DEQ resource needs and workload management practices and identified areas for improvement. The consultant grounded its recommendations for improvement in staff and stakeholder input, and established best practices and performance benchmarks. The recommendations included short and long-term solutions, and address concerns such as compliance rates, delays in the permit planning process and on-going program sustainability related to staff knowledge, skills and abilities.

To implement the recommendations, DEQ is dedicating a significant amount of resources to develop and improve permit writing tools and systems to make the process more consistent and efficient. This investment will have long-term payoff relative to program performance, although in the short term diverts resources away from permit writing.

KPM #8	WATER QUALITY CONDITIONS - Percent of monitored stream sites with significantly increasing trends in water quality.
	Data Collection Period: Oct 01 - Sep 30



Report Year	2016	2017	2018	2019	2020
Percent of monitored stream sites with significantly improving trends in water quality					
Actual	21%	24%	32%	No Data	No Data
Target	20%	20%	20%	20%	TBD
Percent of monitored stream sites with significantly declining trends in water quality					
Actual	6%	6%	8%	No Data	No Data
Target	0%	0%	2%	2%	TBD
Percent of monitored stream sites with good to excellent water quality					
Actual	48%	50%	49%	No Data	No Data
Target	45%	45%	55%	55%	TBD

How Are We Doing

DEQ analyzed data collected from Oct. 1, 2008, to Sept. 30, 2017, to report on these measures.

8a. Percent of monitored stream sites with significantly improving trends in water quality

In 2012-13, DEQ began monitoring an additional 19 stream sites as part of a partnership with the Oregon Department of Agriculture, bringing the total of monitored sites to 145. Of those 19 sites, DEQ now has enough data to calculate water quality trends for 14 of them, and included those sites in our 2017 results.

In 2017, 32 percent of monitored stream sites (46 of 145 sites) showed significant improving trends, an improvement from 24 percent of stream sites in 2016.

Of the 46 sites showing improvement, 37 percent are still categorized as having fair to very poor water quality. This is an improvement from 2016, when 41 percent had fair to very poor water quality,

8b. Percent of monitored stream sites with significantly declining trends in water quality

In 2017, eight percent (12 of 145) of the monitored stream sites had declining trends in water quality. This is more sites than in 2016, however; only four of these locations had previously shown a decreasing trend in water quality, indicating that a large portion of the declining trends from 2016 were stopped. Of the 12 sites with declining trends, eight are located in the Willamette Basin. The most rapid decline occurred in Neal Creek part of the Hood River Basin. This is the first year that DEQ could establish a trend at this location because the site was added in 2012.

8c. Percent of monitored stream sites with good or excellent water quality

Overall, we currently find good or excellent water quality at 49 percent of the monitored stream sites. This is a one percent drop from 2016 and is slightly below the target of 55 percent of monitored sites having good to excellent water quality.

Factors Affecting Results

8a. Percent of monitored stream sites with significantly improving trends in water quality

Over the past three years, the percent of sites with improving trends has increased. Our basin coordinators have attributed much of this success to the results of long-term restoration projects, interagency partnerships and improvements to irrigation systems. Restoration projects in the Klamath Basin have the goal of reconnecting the upper reaches of the watershed with the mainstem, and improvements are being observed each year. An interagency partnership in the Lower Willamette Basin is pooling resources to replace culverts that provide cold-water refuge to migrating fish, and in turn improve water quality. In the Owyhee Basin, formerly flood irrigated cropland now using more efficient irrigation methods have seen reductions in sediment, nutrient and bacteria loads.

8b. Percent of monitored stream sites with significantly declining trends in water quality

Land use and proximity to facilities are a couple of the issues that the basin coordinators identified this year as potential contributors to declining trends. The potential influence of land use on water quality index scores were of particular concern where riparian buffers no longer exist. The absence of these buffers could lead to increased erosion, which would increase the amount of total solids in streams, and allow for higher stream temperatures, which can be bad for migrating salmonids. In the Lower Willamette Basin, the largest magnitude decreasing trends occurred at three sites in the Tualatin River. The decreases in trend at these locations appear to be linked to increases in nitrate and total solids. There are sewage treatment facilities located upstream of one sampling location, and while these facilities contribute nitrate and total solids to the system, they discharge within their permit limits. This indicates that other potential sources of nitrate and total solids must exist within the basin.

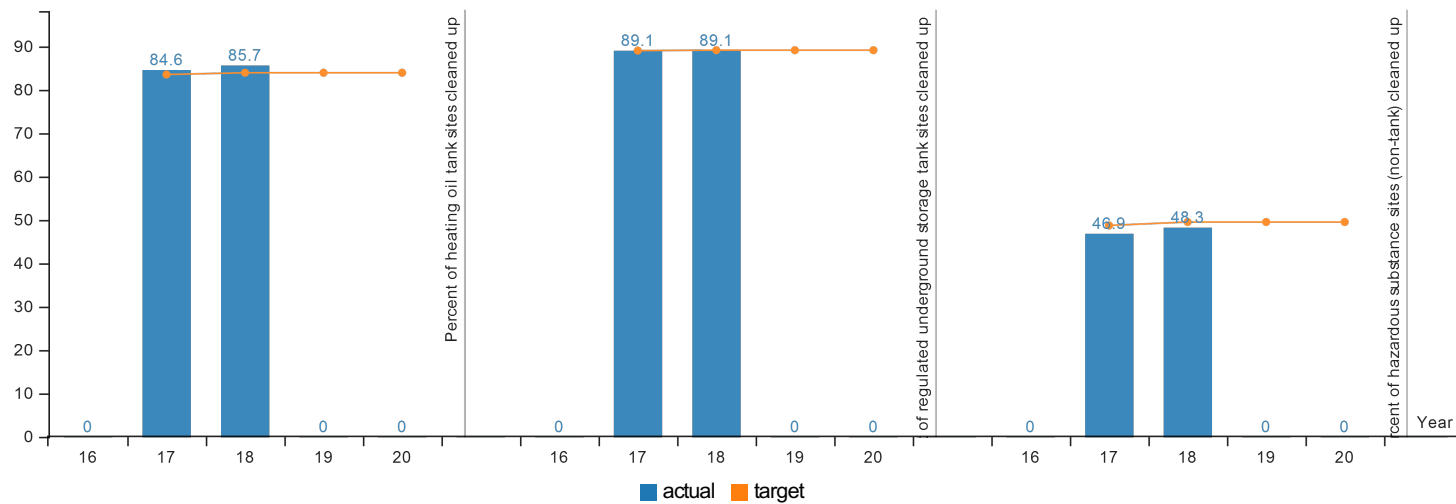
8c. Percent of monitored stream sites with good to excellent water quality

The percent of monitored stream sites in good to excellent water quality has remained steady since 2012. DEQ attributes the consistency to the effects of long-term, large-scale restoration projects like the removal of the Marmot Dam in the Sandy River Basin and continued interagency partnerships such as the North Coast Watershed Association's effort raising awareness of possible bacteria contamination sources in the Skipanon River drainage. Both of these projects, along with numerous other across the state, can make a long-lasting difference in the waters of Oregon.

Management comments

DEQ collected data for Key Performance Measures 8a, b and c at a network of 145 ambient monitoring sites on the state's major rivers and streams. The data we collected represents the previous ten years of data up to and including data through the end of the previous water year. For 2018, this includes data through September 30, 2017. Analyzing the response of water quality to specific activities and sources of pollution helps guide decisions and future action. Implementation of clean water plans and the periodic update of existing clean water plans are important efforts for improving water quality. Communicating water quality trends with other land management agencies will help to target management actions and keep program activities moving forward. Finally, DEQ is evaluating new performance measures that would display the link between the quality of Oregon's waterways and the work DEQ does to protect them.

KPM #9	CLEANUP - Properties with known contamination cleaned up
	Data Collection Period: Jan 01 - Jan 01



Report Year	2016	2017	2018	2019	2020
Percent of heating oil tank sites cleaned up					
Actual	No Data	84.60%	85.70%	No Data	No Data
Target	TBD	83.60%	84%	84%	84%
Percent of regulated underground storage tank sites cleaned up					
Actual	No Data	89.10%	89.10%	No Data	No Data
Target	TBD	89.10%	89.20%	89.20%	89.20%
Percent of hazardous substance sites (non-tank) cleaned up					
Actual	No Data	46.90%	48.30%	No Data	No Data
Target	TBD	48.80%	49.60%	49.60%	49.60%

How Are We Doing

This measure tracks the total number of sites cleaned up as a percentage of contaminated sites in DEQ's hazardous substance cleanup and tanks databases. Tank sites include home heating oil tanks (HOTs) and regulated commercial underground storage tanks (USTs) both of which involve releases of fuel. Hazardous substance sites include a variety of industrial/commercial facilities with known releases of metals, chlorinated solvents, PCBs and other hazardous chemicals. The higher the cleanup percentage, the better we are doing.

As of Dec. 31, 2017, DEQ's Heating Oil Tanks program had overseen and/or approved the cleanup of 85.7 percent of reported HOT releases, exceeding the target of 84 percent. For regulated tanks, DEQ has completed cleanup at 89.1 percent of reported UST releases, slightly below the target of 89.2 percent. The Cleanup program had made no-further-action decisions at 48.3 percent of known hazardous substance sites, which is below the target of 49.6 percent. The reduced performance of the Cleanup program was affected by substantial senior project staff turnover due to retirements or other job opportunities with DEQ or elsewhere.

Factors Affecting Results

Each year DEQ identifies additional sites that need cleanup, creating a "moving target" as the total number of sites increases. This number is hard to project into the future because it depends as

much or more on economic activity than on agency actions. Nevertheless, DEQ has completed enough cleanups to increase the cleanup percentage. This is especially true for HOT cleanups, which typically occur during property sales, helping explain why HOTs account for most sites counted in this measure.

Hazardous substance sites may include a range of contaminants and are often more challenging than petroleum cleanups. State law requires property owners to report and clean up spills of oil or hazardous substances that exceed a reportable quantity, as well as any releases from USTs. State law also requires disclosure of HOTs during a property sale. Many hazardous-substance sites come to DEQ's attention during due-diligence investigations by prospective purchasers, following the discovery of past releases (which did not require reporting to DEQ when they occurred). Over the years, contamination from these properties may have migrated significantly in soil, surface water or groundwater, sometimes beyond property lines. As a result, required reporting at UST sites typically leads to quicker and simpler cleanups than at hazardous-substance sites, where contamination may have been present long before DEQ became aware of it.

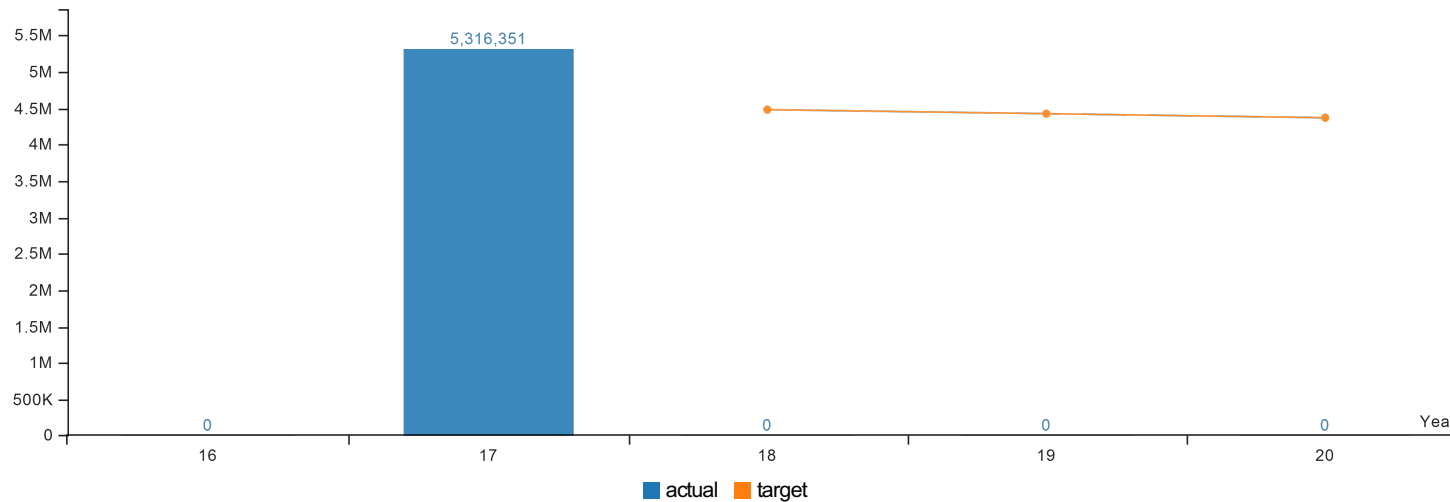
Management comments

DEQ works collaboratively with responsible parties to clean up contaminated properties in a timely and cost effective manner. The cleanup program uses risk-based guidance to aid cleanup decisions, targets hot spots of contamination, uses settlements to fund additional cleanups, and partners with Business Oregon to assist parties in funding investigation and cleanup actions. DEQ's Prospective Purchaser Agreement program encourages cleanup and redevelopment by providing liability relief for those wanting to buy contaminated property. In addition, DEQ has promoted Heating Oil Tank cleanups by allowing contractors registered with DEQ to certify that cleanups meet Oregon standards.

- Data shown in report year 2018 reflects cleanup efforts as of December 31, 2017.

KPM #10	MATERIALS MANAGEMENT - Waste generation
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = negative result



Report Year	2016	2017	2018	2019	2020
Waste generation					
Actual	No Data	5,316,351	No Data	No Data	No Data
Target	TBD	TBD	4,482,885	4,427,312	4,371,739

How Are We Doing

Data for the the 2018 Report (2017 data) will not be available until the end of calendar year 2018.

Waste generation is the total amount of material in the waste stream whether disposed, recycled or otherwise recovered. It provides an approximation of Oregon's consumption of materials and products.

Oregon Revised Statute 459A.010 sets goals that for calendar years 2025 through 2049, total general solid waste generation shall be 15 percent below the total general solid waste generation for calendar year 2012, and that for calendar year 2050 and subsequent years, total general solid waste generation shall be 40 percent below total general solid waste generation for calendar year 2012. The targets for this measure are based on reducing the total general solid waste generation from the actual generation as measured in 2012 to 15 percent less by 2025 and 40 percent less by 2050.

From 1993 through 2006, total waste generation rose steadily. For the next three years, waste generation fell sharply, but leveled off and then began increasing slowly. Waste generation began increasing quickly again in 2015 and 2016, in contrast to legislated goals calling for reductions in generation.

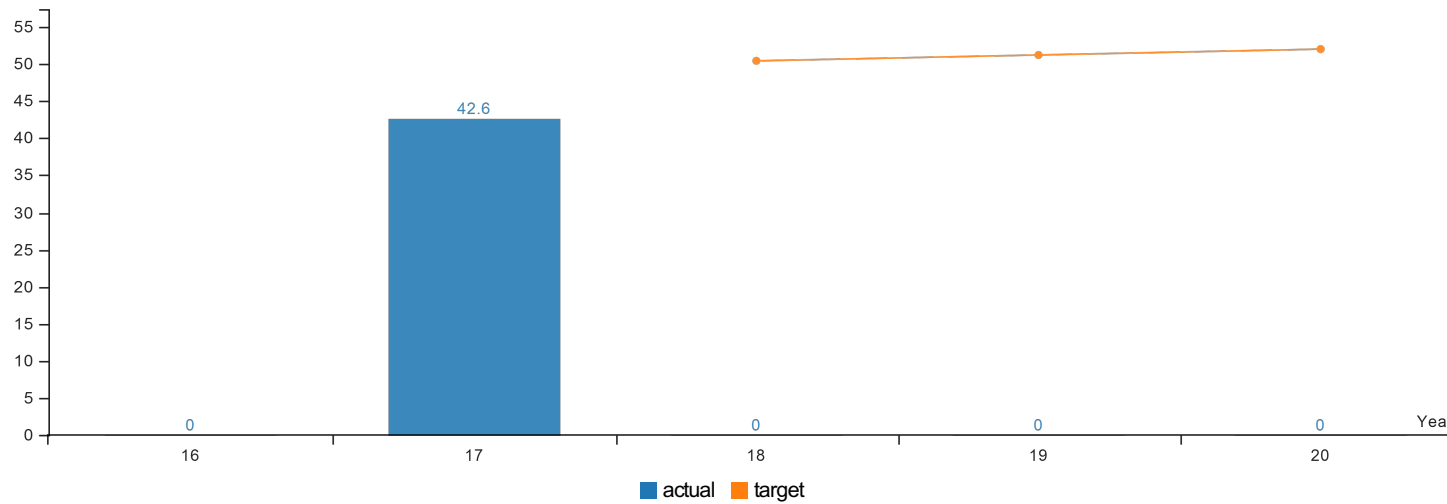
Factors Affecting Results

Waste generation is tied to the economy, as increased income leads to larger houses, increased construction and increased purchase of goods. Population increases generally increase the

generation of solid waste, and other factors can also play a role. The decline of Oregon waste generation in 2006-2009 was likely related mainly to the recession and steep decline in building construction and employment from 2007 through 2010. Another major factor playing a role was the decline in newspapers, magazines and other printed material as people moved more to the Internet as a source of information and advertising.

KPM #11	MATERIALS MANAGEMENT - Waste recovery
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Percent of waste recovered					
Actual	No Data	42.60%	No Data	No Data	No Data
Target	TBD	TBD	50.42%	51.21%	52%

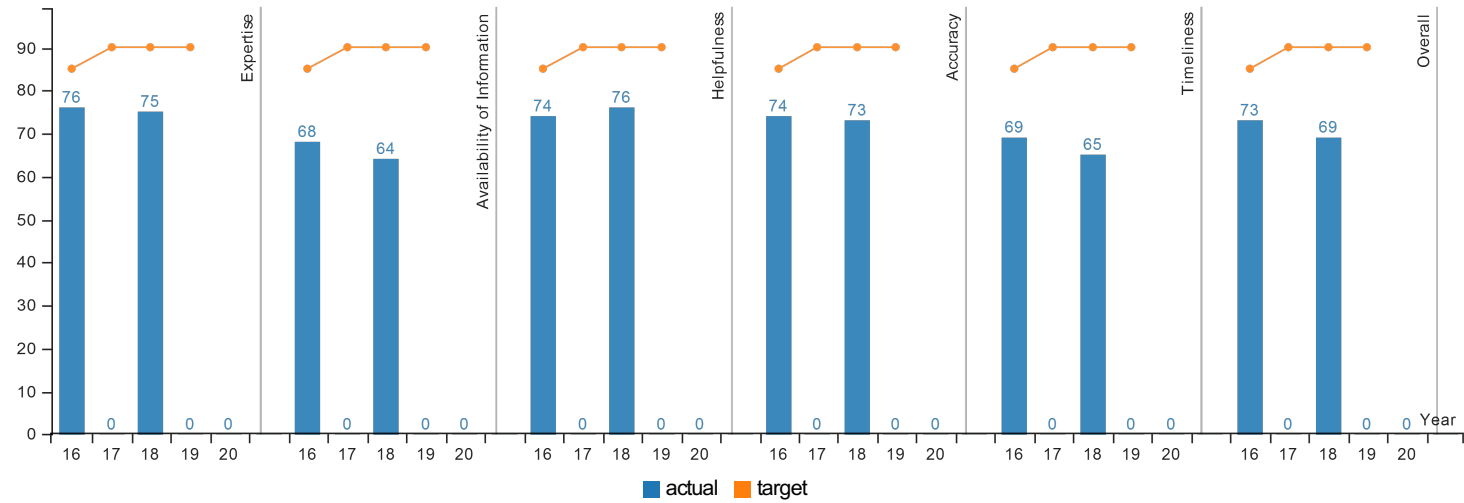
How Are We Doing

Data for the the 2018 Report (2017 data) will not be available until the end of calendar year 2018.

The waste recovery rate is the percentage of material in the waste stream which is recycled or otherwise recovered. Recycling and other recovery have environmental benefits when it prevents the extraction and processing of virgin material, though individual materials differ greatly in these benefits. Oregon Revised Statue 459A.010 sets goals that by 2020, the recovery rate of material from general solid waste shall be at least 52 percent, and by 2025, it shall be at least 55 percent.

Factors Affecting Results

KPM #12 CUSTOMER SERVICE - Percent of customers rating their satisfaction with the agency's customer service as "good" or "excellent": overall, timeliness, accuracy, helpfulness, expertise, availability of information.
 Data Collection Period: Jan 01 - Jan 01



Report Year	2016	2017	2018	2019	2020
Expertise					
Actual	76%	No Data	75%	No Data	No Data
Target	85%	90%	90%	90%	TBD
Availability of Information					
Actual	68%	No Data	64%	No Data	No Data
Target	85%	90%	90%	90%	TBD
Helpfulness					
Actual	74%	No Data	76%	No Data	No Data
Target	85%	90%	90%	90%	TBD
Accuracy					
Actual	74%	No Data	73%	No Data	No Data
Target	85%	90%	90%	90%	TBD
Timeliness					
Actual	69%	No Data	65%	No Data	No Data
Target	85%	90%	90%	90%	TBD
Overall					
Actual	73%	No Data	69%	No Data	No Data
Target	85%	90%	90%	90%	TBD

DEQ surveys its air and water quality permit holders biennially, as required by the 2005 Legislature of all state agencies, and uses the results to inform improvements to overall customer service. The measure identifies the percent of customers rating their satisfaction with the agency's customer service as "good" or "excellent" in the following service categories: overall service, timeliness, accuracy, helpfulness, expertise/knowledge and availability of information. The target is 90 percent of customers rating service as "good" or "excellent" in all categories.

The 2018 survey yielded ratings that are nearly the same as those from the 2016 survey, with "accuracy" and "helpfulness" ratings increasing slightly. Ratings in all categories are below the 90 percent target. The survey instrument also gathers comments that provide some insight into what our customers think of our services. The majority of comments reflect satisfaction with the helpfulness, responsiveness and expertise of agency staff. The most frequently cited concerns related to permit timeliness, difficulty in finding information on our website and staffing levels.

Factors Affecting Results

DEQ's survey results remain consistent over time, with the majority of our customers rating services as good to excellent for all service categories, though we don't reach the 90 percent goal. DEQ's issues with permit timeliness affect our overall customer score.

DEQ recognizes the need to improve permit timeliness. In 2016, DEQ hired an independent consultant to review the water quality permit program. The consultant's review highlighted some reasons for permitting delays, including implementing new water quality standards or clean water plans, compliance schedules and facility plans. The consultant made recommendations related to permitting process improvement, workload analysis, organizational structure and policy development. DEQ is directing resources toward implementing recommendations including better defining the permitting process. This investment diverts resources away from permit writing in the short term, but will have long-term payoff for program performance.

The Oregon Secretary of State audited DEQ's air quality permitting process to determine how DEQ can improve its air quality permitting process. The audit report cited a number of factors that affect timely permit development including competing priorities, position cuts, inconsistent guidance for staff and applicants, and increased time for the public engagement process. Recommendations in the report included evaluating permit writer workloads and staffing, clarifying the public engagement process, providing better guidance to permit writers and businesses, and conducting a process improvement effort.

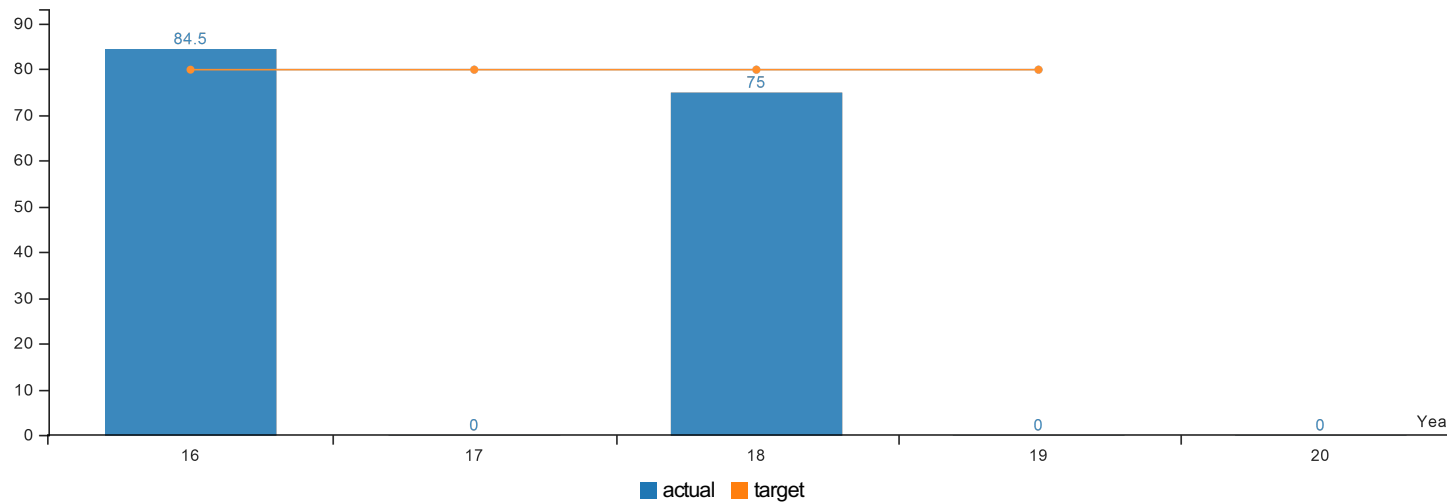
DEQ held a process improvement event to address the concerns raised in the Secretary of State audit. Teams are working on the Title V permit pre-application process; providing clear information on the public comment process; succession planning; documenting standard work; updating training material; and improving webpages. DEQ has also identified metrics to track the successes and areas that need continuous improvement.

Management comments

DEQ recognizes that water and air quality permit program issues affect our overall customer service score. The agency is directing significant resources toward process improvement for these permitting programs. Although in the short term this diverts resources away from permit writing, the long-term pay off is improved program performance, and an anticipated improvement in our customer service score.

KPM #13	ERT - Percent of local participants who rank DEQ involvement in Economic Revitalization Team process as good to excellent.
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = negative result



Report Year	2016	2017	2018	2019	2020
Percent of local participants who rank DEQ involvement in Economic Revitalization Team process as good to excellent					
Actual	84.50%	No Data	75%	No Data	No Data
Target	80%	80%	80%	80%	TBD

How Are We Doing

The Regional Solutions Team conducts a biennial survey to measure customer satisfaction with RST services. The Governor's Office conducted the most recent survey in 2018, and will conduct the next survey in May 2020.

DEQ RST staff are co-located with the Governor's Coordinator, Department of Land Conservation and Development, Oregon Department of Transportation, Oregon Housing and Community Services, and Business Oregon at Regional Solutions Centers at Oregon colleges and universities. Benefits include:

- Enhanced collaboration between local, state and federal agencies on identified regional projects that create or retain existing jobs
- Leveraging agencies' resources to assist communities
- Streamlined regulatory processes
- Providing a local DEQ contact to address community and business questions

In 2018, 75 percent of the participants ranked DEQ's involvement on Regional Solutions Team as good to excellent, demonstrating the value of DEQ's Regional Solution Team to Oregon communities. Even though DEQ's ranking was below 80 percent, our ranking of 75 percent was within our historical range from 72 percent to 84.5 percent.

Factors Affecting Results

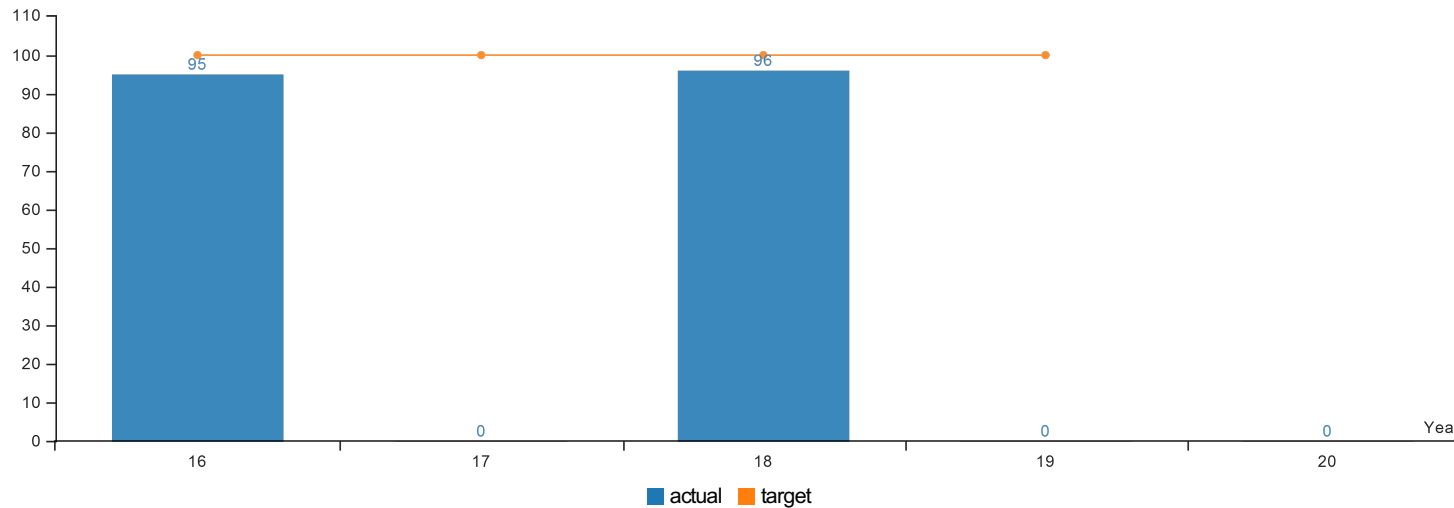
Since 2006, the Governor's Regional Solutions Team has conducted a biennial survey to measure customer satisfaction with RST services. The survey questions measure RST participants' perception of the involvement of four partner RST agencies which include DEQ, Business Oregon, DLCD and ODOT. The 2018 survey criteria for evaluating agency involvement was based on the

following question: "How do you rate the Oregon Department of Environmental Quality's involvement in the Regional Solutions process?"

It is challenging to draw conclusions about DEQ's performance because the survey response rate is generally low and DEQ's interaction with the group being surveyed varies from year to year, and from region to region. DEQ strives to meet communities' needs by participating in RST outreach efforts, attending business recruitment meetings to identify permitting needs, identifying funding resources, providing technical assistance and managing RST projects.

KPM #14	BOARDS AND COMMISSIONS - Percent of total best practices met by the Environmental Quality Commission.
	Data Collection Period: Jan 01 - Jan 01

* Upward Trend = positive result



Report Year	2016	2017	2018	2019	2020
Percent of total best practices met by the Environmental Quality Commission					
Actual	95%	0%	96%	No Data	No Data
Target	100%	100%	100%	100%	TBD

How Are We Doing

The 2005 Legislature directed the Department of Administrative Services and the Legislative Fiscal Office to develop a measure for boards and commissions having governance oversight to use in evaluating their own performance. Because the Environmental Quality Commission is included in DEQ's budget and because it hires DEQ's executive director, DAS and LFO deemed EQC to have governance oversight and identified it as one of the boards and commissions that should have a performance measure.

In 2006, EQC adopted the percent of total best practices met by the commission as the performance standard. The commission set 100 percent as its target. The measure is an annual selfassessment of 15 best practices for boards and commissions, as laid out by DAS and customized to EQC.

The 2018 survey results indicate a high degree of success and several key opportunities for improvement. DEQ does not recommend or plan for any corrective actions at this time, and the Environmental Quality Commission discussed the survey results at the July 11-13, 2018 EQC meeting.

Factors Affecting Results

The 2018 survey, which asks for a review of the 2017 meeting year, omitted three questions as noted below. These questions would all have an answer of Not Applicable or None of the Time/0 percent because of changes to organizational leadership and commission membership during the 2017 meeting year. They will be reinstated for the 2019 survey, assessing the 2018 meeting year.

1. The commission reviews the director's performance expectations to ensure that they are current.

2. The commission gives the director an annual performance review.
3. The agency's mission and high-level goals are current and applicable.



State of Oregon
**Department of
Environmental
Quality**

Richard Whitman, Interim Director
700 NE Multnomah
Suite 600
Portland, Oregon 97232
503-229-5300, 1-800-452-4011

Affirmative Action Plan

July 1, 2017-June 30, 2019



Oregon

Kate Brown, Governor

Department of Environmental Quality
Office of the Director
700 NE Multnomah
Suite 600
Portland, OR 97232
(503) 229-5696
FAX (503) 229-5675
TTY 711

Letter from the Director

December 6, 2016

The Department of Environmental Quality remains committed to diversity and inclusion in its workforce. To that end, DEQ supports rigorous and effective actions with respect to its affirmative action and diversity and inclusion programs. The following affirmative action plan represents my personal and professional commitment to upholding our commitment to the citizens of Oregon. The plan also represents DEQ's commitment to equal opportunity and affirmative action in employment and public service consistent with all applicable federal and state laws, including, but not limited to: Executive Order 11246; Title VII of the Civil Rights Act of 1964; Sections 503 and 504 of the Rehabilitation Act of 1974; the Vietnam Era Veterans Readjustment Assistance Act; and the Americans with Disabilities Act. This affirmative action plan has my complete authorization and commitment.

Richard Whitman, Interim Director
700 NE Multnomah
Suite 600
Portland, Oregon 97232
Department of Environmental Quality
503-229-5300

Rebecca McKechnie, Affirmative Action Representative
Department of Environmental Quality
700 NE Multnomah
Suite 600 Portland, Oregon 97232
503-229-5119

Effective Date: July 1, 2017

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Description of the Department of Environmental Quality

Mission and Objectives

The Oregon Department of Environmental Quality's (DEQ) mission is to be a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.

DEQ works collaboratively with Oregonians for a healthy, sustainable environment, accomplishing its mission through a variety of activities including permitting, inspections, spill response, and by minimizing individual impacts on the environment.

In 2015, DEQ adopted five strategic goals (see Appendix C) to guide the agency's actions to ensure that overall quality of life, from human health to the state's economy, is supported by a healthy and productive environment. These goals include:

- Efficiently and responsibly meet environmental standards and emerging needs
- Sustain a diverse, outcome-oriented workforce and culture
- Provide easy access to information and services
- Maintain informed and engaged relationships with tribes and Oregon's communities
- Sustain strong, effective internal business practices.

The Environmental Quality Commission, DEQ's policy and rule-making board, is a five-member citizen panel appointed by the governor to adopt rules, to establish policy, issue orders, judge appeals of fines or other agency actions, and appoint the agency's director. Commissioners serve four-year terms, and are eligible for reappointment, though they are prohibited from serving more than two consecutive terms.

DEQ staff use a combination of technical assistance, inspections, enforcement, and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

DEQ staff consists of environmental specialists, scientists, engineers, technicians, program and policy staff, and operations support staff. The agency has offices throughout the state, in cities including Bend, Coos Bay, Eugene, Klamath Falls, La Grande, Medford, Pendleton, Portland, Salem, The Dalles, and Tillamook. DEQ also operates a modern laboratory in Hillsboro and vehicle inspection stations in Clackamas, Jackson, Multnomah, and Washington Counties.

In addition to local programs, the [US Environmental Protection Agency](#) has delegated Authority to DEQ to operate federal environmental programs. This includes the federal Clean Air and Clean Water Acts and the Resource Conservation and Recovery Act, which covers waste management and underground storage tank programs. DEQ also implements state programs including recycling, groundwater protection, air toxics, emergency response, and environmental cleanup activities.

DEQ also relies on several advisory committees of citizens and government officials to help guide its decision-making.

DEQ's director has the Authority to issue civil penalties (fines) for violation of pollution laws and standards.

Agency Director

Richard Whitman, Interim Director
Department of Environmental Quality
700 NE Multnomah
Suite 600
Portland, Oregon 97232
503-229-5300

Policy Advisor to the Governor

Jason Miner, Natural Resources Policy Director Governor's Natural Resources Office
State Capitol Building
900 Court Street NE, Suite 160
Salem, Oregon 97310
503-378-5145; FAX: 503-378-6827

Affirmative Action Representative

(January 2015 through June 2016)
Ella Maney, Records & Information Security Officer
Department of Environmental Quality
700 NE Multnomah
Suite 600
Portland, Oregon 97232
503-229-5084

(as of July 2016)
Rebecca McKechnie, Human Resources Analyst 2
Department of Environmental Quality
700 NE Multnomah
Suite 600
Portland, Oregon 97232
503-229-5119

This position will be vacant by December 30, 2016. It will be filled in January 2017.

Diversity and Inclusion Coordinator

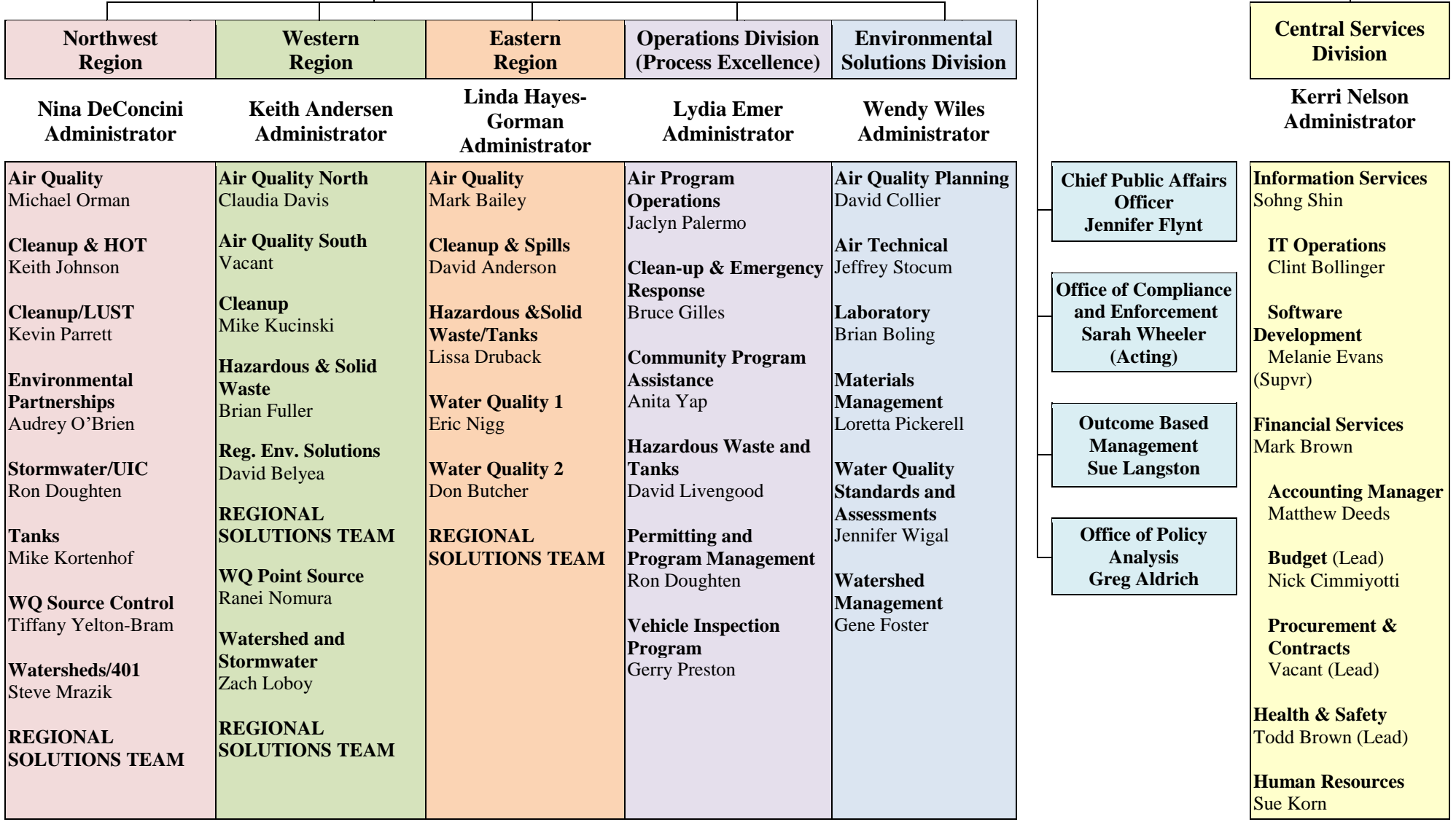
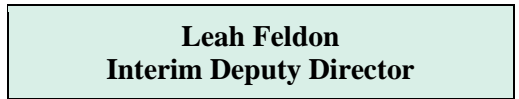
(January 2015 to September 2015)
Sidney E. Moore, Jr., Human Resources Analyst 2
Department of Environmental Quality
811 S.W. Sixth Avenue
Portland, Oregon 97204-1390
503-229-6723

This position is currently vacant. Due to budget constraints, it is not expected to be filled until early 2017. In the interim, these duties are handled by various employees.



Organizational Chart

Oregon Department of Environmental Quality



Affirmative Action Plan

DEQ Affirmative Action Policy Statement

The Department of Environmental Quality is committed to a policy and practice of Equal Employment Opportunity, i.e., a policy of non-discrimination at all levels and in all aspects of the Agency's operations. From recruitment through the end of the employment relationship, DEQ respects its applicants and employees and does not discriminate based on race, religion, national origin, age, gender, sexual orientation, marital status, disability, veterans status, or any other factor not related to job performance.

Affirmative Action provides active, assertive, and positive steps for eliminating the intended or unintended effects of past and present discrimination in the workplace. Because DEQ believes diversity makes good business sense, its Affirmative Action Plan identifies goals that will help develop and maintain a workforce that reflects Oregon's demographics, encourages career development and employee advancement, and provides employees with the tools necessary to serve a more diverse customer base. DEQ will not knowingly conduct business with any bidder, contractor, subcontractor, or supplier of materials who discriminates against members of any protected class.

DEQ is committed to continued enforcement of the agency's 2015 strategic goals (see Appendix C) which promote affirmative action by: sustaining a diverse, outcome-oriented workforce and culture; developing an engaged, energized and diverse workforce; adopting a culture of strategic thinking and continuous improvement; maintaining informed and engaged relationships with tribes and Oregon's communities; and proactively engaging with people and communities where they live, work, and play.

DEQ is committed to Oregon's public policy that "all branches of State government shall be leaders" in the area of affirmative action.¹ DEQ managers are directly responsible for the success of affirmative action programs within the agency and actively support recruitment and career development programs to achieve these goals. DEQ will use managers' adherence and commitment to affirmative action and diversity principles as one aspect upon which to rate their performance.

Implementation of the affirmative action plan is the responsibility of all DEQ employees, including the interim director, Richard Whitman, the affirmative action representative, Rebecca McKechnie, the diversity and inclusion coordinator (currently vacant), and every DEQ manager. Each employee is expected to promote a work climate reflecting respect, care and concern for every individual and to maintain a harassment-free environment. Managers and employees are expected to work together to eliminate and prevent discrimination.

Individuals who believe they have experienced discrimination at DEQ may file a complaint with DEQ's director, human resources manager, or any of the other offices or agencies referred to in DEQ's Affirmative Action Plan. All complaints will be investigated by the appropriate manager and/or human resources representative, and corrective action will be taken when appropriate. An individual with a complaint against the agency director may file a complaint with the Governor's Office of Diversity and Inclusion at:

Governor's Office of Diversity & Inclusion/Affirmative Action
255 Capitol Street NE, Suite 126
Salem, OR 97301
Tel: 503-986-6524

¹ Oregon Revised Statutes 243.305
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Support for diversity and non-discrimination is contained in the position descriptions of all the agency's managers, and is considered in reviewing manager performance. DEQ will investigate discrimination or harassment complaints within a management unit, and will address such problems through the agency's performance management system and training.

Copies of DEQ's Affirmative Action Plan are available upon request in the Human Resources office, the Office of the Director and from each division administrator. A link to the plan is posted on the agency's internal and external web pages, on AFSCME's public bulletin board, located in the cafeteria at headquarters, and in a central and public location in each of the regional offices.

DEQ developed this Affirmative Action Plan to ensure implementation of agency policy. It becomes effective July 1, 2017.

Richard Whitman, Interim Director

DEQ Diversity & Inclusion Statement

The Oregon Department of Environmental Quality serves all Oregon's citizens, and respects and is inclusive of the diversity among those citizens. In order to carry out its mission, DEQ embraces initiatives and policies consistent with respect for diversity and inclusion. DEQ embraces its responsibility to Oregonians including those of both genders and all ages, races, national origins, colors, ethnicities, religions, physiological and psychological disabilities, sexual orientations, and those with status as veterans. Individuals in all these categories should expect clean air and water and the ability to have their voices heard in pursuit of these goals.

DEQ's commitment to Oregonians comes from its director and executive team, and includes staff and management. Just like in our environmental commitment, those who fall short in their support of equal access and inclusion are held responsible. DEQ expects its executive and management teams to do all they can to improve diversity and inclusion at DEQ.

Only by embracing the variety of cultures embodied by Oregon's citizens can DEQ provide the best possible service to those citizens and to the state of Oregon. DEQ continues to strive to improve the lives of those living within its borders, and will continue to improve as the agency moves forward.

Training, Education and Development Plan (TEDP)

In accordance with the DEQ Education and Training Policy (see Appendix C), ensures that DEQ will provide training, education, and career development opportunities for all employees when possible. Examples of opportunities include, but are not limited to, job-related and career development training, participation in conferences and workshops, job rotations, mentorships, job shadowing, self-paced training (such as online training and study guides) and special assignments.

In accordance with DEQ Education and Training Policy (see Appendix C) and the AFSCME Collective Bargaining Agreement:

- As far as it is reasonably practicable to do so, training, education, and career development opportunities will be provided for all employees.
- Annually employees work with their supervisor to develop a training plan that identifies required and job-related trainings. This training plan may also include career development and employee-proposed job rotation opportunities if applicable.
- Whenever possible, DEQ will obtain and share information about available training and education opportunities.
- DEQ will obtain and disseminate current information about available training on a timely basis. Dissemination is usually done by email to all staff.
- Employees share responsibility for identifying, researching, and applying for training, education, and career development opportunities.
- DEQ shall post career development program information on the intranet, email notices at least annually to all staff, and include information in New Employee Packets and New Employee Orientation.
- Employees shall make training requests in writing in accordance with this policy. Once received, the manager has fifteen (15) days to provide a written response. A copy of any denied training requests will be provided to the employee as well as DEQ's Training and Organizational Development Coordinator for monitoring of any training denials. For classified employees, DEQ provides a summary of these denials is also provided to the Labor Management Committee annually.

Employees

DEQ provides opportunities for education and training for employees to perform their current jobs, and to prepare them for additional responsibilities. Training may occur at DEQ, within the iLearn system, and/or via outside training providers or educational institutions. Training encompasses anything that will help an employee in their current position. All employees have an iLearn Oregon account which allows them to register for, record, and even participate in training through the iLearn Oregon system. Job-related education/training is paid from program funds at 100 percent of the cost of work-related classes and workshops, including fees and books. Educational materials purchased in conjunction with classes and workshops are considered the property of the agency. Attendance at a job-related class or workshop is on paid time. DEQ's Training and Organizational Development Coordinator maintains a process to track employee training electronically using the iLearn Oregon system and also, in accordance with DEQ policy, tracks any training denied.

Career development is a program that offers all agency regular and limited duration employees an opportunity intended to prepare participants for their future. It is available to all employees without regard to race, color, religion, gender, national origin, age, veteran status, sexual orientation or mental or physical disability. Career development is future focused and employee driven. It is designed to assist employees in preparing for career opportunities, and it is individually tailored to each specific employee. Employees work with their managers and the agency training and organizational development coordinator to develop plans that meet their individual needs. DEQ's Training and Organizational Development Coordinator works with the employee to understand their goals, conduct a gap analysis, and develop a career development plan. As the employees are the ones who ultimately decide as to the activities and education they wish to pursue in pursuit of their career goals. This truly employee-centric program allows participants to identify areas of interest, ranging from activities such as informational interviewing, mentorship to degree completion. Although the reimbursement is available, most employee career development plans focus on gaining exposure or experience where no cost is ever incurred.

Career development education is available to all employees, although not all employees elect to take advantage this opportunity. Education costs are reimbursed from program funds Approval for funding is contingent on available funding and resources. To date, no DEQ employee has been denied career development education funding. Employees must obtain authorization from their manager and file an approved Career Development Plan with DEQ's Training and Organizational Development Coordinator prior to enrolling in a course in order to receive reimbursement for career development education. Based on available funding, up to 75 employees agency wide may participate in the Career Development program at any given time. For those employees who elect to take classes or pursue certification, out-of-pocket costs not covered by grants or student loans are reimbursed (upon successful completion) at the rate of 75% for individuals in salary range 19 and below and 50% for salary range 20 and above, up to \$3500 per year, for up to three years. Attendance and training for career development education must be completed on the employee's own time and not during work hours.

To further facilitate staff career development, DEQ job rotation opportunities are initially posted internally to give current staff the chance to further develop their career through these work opportunities. If an internal candidate is not identified, then the opportunity will be posted externally. Employees requiring a certification or license for a position the employee currently holds have their certification or license fees, as well as the study course to prepare for the exam, paid for by DEQ. Time spent outside regular working hours in training or study courses required for certification is on the individual employee's own time (OAR 839-020-0044(7)).

Employees receive a formal performance evaluation annually which includes a training plan. Managers are required to ensure that staff participates in a minimum of 20 hours of training annually. The performance evaluation process provides a formal opportunity for employees to speak to their managers about advancement, and to receive coaching regarding how best to accomplish their goal. In addition, training topics are discussed at quarterly check-ins between managers and staff.

All regular status DEQ employees are eligible to apply for any advancement opportunities in which they are interested. In order to prepare for such opportunities, DEQ encourages its employees to take advantage of courses which could assist with the development of their careers. Employees may also set up career development plans with the assistance of the human resources section and their managers.

Volunteers

DEQ provides information related to volunteer opportunities within the agency by contacting local universities, colleges and other education and training programs to share information related to the agency's mission, vision and values. Volunteers are provided guidance by agency staff to assist with the performance or their assignments and to prepare them for additional potential responsibilities. This process includes a meeting between managers and volunteers during the training period to discuss education opportunities. Obligations with regard to affirmative action—including the affirmative action statement—are also discussed. Volunteers are generally in place six months or less.

Education and training is made available to volunteers without regard to race, color, religion, gender, national origin, age, marital status, sexual orientation, marital status, veteran status, or mental or physical disability. The affirmative action plan—including the affirmative action statement—is available to all volunteers on the agency intranet.

To date, EEO data has not been collected on volunteers. However, as of 2017, DEQ will be collecting this data. Previously, volunteers were identified by individual programs or managers. As volunteers will now managed through Human Resources, data will be collected and reported in the next plan year. A self-identification form has been developed, and it is included in the documents provided to volunteers.

Contractors and Vendors

DEQ requires all contractors and vendors to adhere to all relevant agency policies, including those governing affirmative action and equal opportunity. As with employees and volunteers, education and training are available to contractors and vendors, as appropriate, without regard to race, color, religion, gender, national origin, age, sexual orientation or mental or physical disability.

Programs

Internship Program

DEQ's internship program is designed to meet the agency's goals by providing program managers with talented students or recent graduates who engage in research or perform analysis and contribute to the agency's infrastructure for a limited period, usually during the summer months. In return, the agency provides interns with useful experience by asking managers to assign interns meaningful work, place them on a team with which they can identify and be involved, and expose them to senior management on a regular basis. These guidelines help interns identify their potential place in the agency and to see how their work contributes to accomplishing DEQ's goals.

Though there is no guarantee that every intern's experience will be directly related to his or her career goals, DEQ makes every effort to match students and recent graduates with work appropriate to their academic discipline and career interests. DEQ accomplishes this through a competitive intern selection process.

DEQ encourages managers to be clear with interns about job prospects, bringing to their attention positions within the agency that seem to fit the intern's skills and abilities. Managers are expected to give a realistic impression both about interns' prospects for immediately moving into a permanent position (for which they would have to compete), and information regarding the types of positions for which the intern is best suited.

In June 2016, DEQ revised the internal process required for a manager to obtain an intern. At this time, DEQ also began offering both paid and unpaid internships. DEQ interns must compete for their positions by responding to internship announcements posted by DEQ Human Resources through various Oregon universities including: Portland State University, Oregon State University, Lewis and Clark College, the University of Oregon, and Willamette University. Sometimes the internships are dependent on a student having enrolled in or completed pre-requisite classes or specific course of study. Applicants for internships are screened by DEQ Human Resources, and then qualified candidates are referred to the section manager for an interview.

To date, EEO data has not been collected on volunteers. However, as of 2017, DEQ will be collecting this data. Previously, unpaid interns were identified by individual programs or managers. As internships are now managed through Human Resources, data will be collected and reported in the next plan year. A self-identification form has been developed, and it is included in the documents provided to interns.

Examples of internships at DEQ during the 2015-2016 biennium include:

- Industrial stormwater data analyses for the Operations Division: Intern was an Asian female.
- Gather, evaluate, and/or create GIS data layers for the Environmental Assessment Program in the Water Quality Management Section of the DEQ Laboratory: Intern was an Asian male.
- Research and summarizing data on toxics outreach/communications on green/safer chemistry needs: Intern was a White male.

During the 2017-2019 biennium, DEQ will continue to expand its internship program. Internships depend on the availability of educationally meaningful, agency-relevant work.

Mentorship Program

One component of DEQ's career development program is mentorship. Employees receive their managers' approval to participate and are matched with mentors, for an ongoing relationship that typically lasts from six to twelve months.

Like the larger career development program, employees have a wide variety of interests and may choose to focus on hard or soft skills. Annually, employees and managers meet as part of the performance evaluation process to develop a formal training plan which may include mentorships.

Once matched, the mentor and his or her learning partner meet one to two times each month to execute a mutually developed action plan. The mentorship relationship is confidential and equally benefits both partners. The mentor is able to impart subject matter knowledge and hone coaching skills, while the learning partner receives individualized attention and guidance in his or her identified areas of growth.

The agency benefits from mentoring partners through the knowledge transfer and interaction between the mentor and learning partner. Mentoring benefits the agency both long term, as one avenue to succession planning and in the short term, through the increase in employee engagement.

To date, EEO data has not been collected on employees seeking and granted mentorships. However, as of 2017, DEQ will be collecting this data, and data will be reported in the next plan year.

Community Outreach Programs

DEQ uses a variety of programs throughout the agency to conduct community outreach.

As the state's environmental protection agency, DEQ coordinates with the nine federally-recognized tribal governments in Oregon on issues related to air quality, water quality and land quality. DEQ's work is linked to the work of tribal governments through natural resources, cultural resources and community and economic development programs. In 2002, DEQ adopted a "Statement of Intent" to implement Executive Order 96-30 and the requirements of Senate Bill 770 (ORS 182.162-168), which direct state agencies to promote government-to-government relations with Oregon's Native American tribes. In April, 2010, DEQ updated its Tribal Relations Policy (see Appendix C). The policy states that DEQ is committed to building and maintaining strong government-to-government relations with Oregon's nine federally-recognized tribes. DEQ consults and coordinates with tribal nations on air quality, water quality and land quality issues that affect tribal interests, resources or lands. DEQ builds positive relationships with tribal leaders, managers, staff and representatives to understand tribal interests, explore opportunities for greater partnership and collaboration, and address tribal interests as much as possible in DEQ actions. State-Tribal partnership increases our collective ability to protect and enhance Oregon's environment and people's health. DEQ implements the policy through regular meetings with tribal representatives at the staff, manager and leadership levels, and by seeking opportunities to collaborate with tribes on issues important to tribal governments. Working with Oregon's tribal governments is an ongoing integral part of DEQ operations, and it will continue through the 2017-2019 biennium.

In January 2015, DEQ sent a representative to speak with students at the Miller Education Center, an alternative High School in the Hillsboro School District, regarding careers at DEQ. This school serves at-risk youth of which high numbers come from communities which are under-served, low income, and/or communities of color.

DEQ's Water Quality Division sends a DEQ representative to Oregon schools to educate children on the function of a watershed and human impact on the environment. In the first 20 months of the 2015-2017, presentations were given to 420 students from schools in the Portland metro area and 300 elementary students from Tillamook County schools. In the 2017-2019 biennium, DEQ will provide opportunities for employees to engage with students. Due to limited staffing at this time, DEQ is only able to commit to visiting at least one school every six months for the purpose of introducing students to DEQ and its role in protecting the environment.

Diversity Awareness Programs

The Diversity and Inclusion Coordinator coordinates and administers the agency's diversity awareness program. Working with administrators and managers, the diversity and inclusion coordinator is responsible for the dissemination of diversity and inclusion awareness information, coordinating diversity-related activities, monitoring the program's progress, and reporting periodically to agency management and the director on its status. Currently this position at DEQ is vacant due to budget constraints and is projected to be filled in early 2017. In the interim, duties have been, and will continue to be, assigned to other staff members in Human Resources as needed.

- Agency Diversity Council: Currently DEQ does not have an Agency-Wide Diversity Council.
- Employee Resource Groups (ERGs)/Affinity Groups: Currently DEQ does not have an agency-sponsored affinity group(s). However, DEQ has set a goal to work with the Labor Management Committee to establish an affinity group(s) at DEQ before the end of the 2015-2017 biennium.

A DEQ manager leads an affinity group which is not directly affiliated with DEQ as it has attendees from other organizations. This group is called “Diversify the Workforce” which is open to attendance by DEQ employees of color and white allies. The group meets monthly for a brown bag lunch. Participants support each other in job coaching, mentoring, sharing community news, and sharing best practices for equity strategic planning, hiring, retention, and promotion.

Several female DEQ managers and staff participate in the Women In Environment (WIE) organization. This organization is open to all female environmental professionals. WIE’s mission is to further professional development and opportunities for women in the environmental field through networking and educational events. WIE fosters relationships, mutual respect, and diversity among environmental professionals through networking, education, and mentoring.

Diversity Presentations, Training, and/or Activities:

The Diversity and Inclusion Coordinator and Affirmative Action Representative also provide training support for the goals and objectives of the affirmative action plan, as do others in human resources and training roles. DEQ has a training module covering a variety of topics, including managing diverse workforces, proper preparation for and administration of the Americans with Disabilities Act, and the ways in which the agency intends to recruit a diverse workforce reflecting the makeup of the general population.

Updates to the New Employee Orientation program were suspended during the 2013-2015 biennium to allow the organizational development coordinator to develop a statewide management development training series and support a major agency reorganization in 2014. Nevertheless, as currently structured, DEQ welcomes new employees and introduces them to their rights and responsibilities with regard to expanding the agency’s diversity efforts. New employees are directed to the DEQ internet Q-Net for the agency’s affirmative action policy and information on its commitment to diversity and inclusion.

DEQ’s Diversity Initiatives and Activities:

- In 2008, Senate Bill 420 became effective and called for Environmental Justice in Oregon by ensuring that all persons affected by decisions of natural resource agencies have a voice in those decisions. DEQ adopted an Environmental Justice Policy in 1997 (See Appendix C) to guide the agency’s work, including principles for making environmental equity inherent in the way DEQ does business. “Environmental justice communities” include minority and low-income communities, tribal communities, and other communities traditionally underrepresented in public processes. DEQ employees receive training to raise awareness about environmental justice issues and what each employee can do to help ensure environmental equity in DEQ’s work.
- In 2015 and 2016 DEQ was a sponsor of The Annual Northwest Public Employees Diversity Conference. In 2013, DEQ increased its number of conference attendance slots, priced at \$100 per attendee, from ten to thirty -- a commitment which DEQ continues in order to allow more agency staff and managers to attend this event. In 2014-2015, DEQ took on a leadership role in the conference, with its Diversity & Inclusion Coordinator serving as co-chair of the conference’s steering committee. In 2015 and 2016, DEQ was a sponsor of this event.
- DEQ includes a diversity-related topic during each of its bi-annual managers’ conferences, and will continue this practice in the future.

- Every manager’s position description emphasizes his or her responsibilities for diversity and affirmative action.
- Targeted, one-on-one training and development sessions to address specific problems of which the agency becomes aware. These training sessions include topics such as maintaining a respectful workplace, conflict resolution, and effective communication.

Understanding diversity is important to many potential employees. DEQ makes affirmative efforts to increase appreciation for all cultural differences, and makes it clear to all employees—generally and specifically—that support for cultural diversity is a core value that DEQ expects management and staff to treat as such. To reinforce this idea, DEQ has adopted several policies associated with diversity, including anti-discrimination, anti-harassment and reasonable accommodations policies.

Executive Order 16-09 Updates

Respectful Leadership Training (Diversity, Equity & Inclusion)

DEQ leadership receives training in respectful leadership, diversity, equity, & inclusion related topics at the annual managers’ conference, by attending various conferences and workshops, from human resources staff at manager meetings, and from the DEQ training and development specialists.

Statewide Exit Interview Survey

DEQ uses the statewide exit interview survey in addition to internal management’s own efforts to determine why employees leave the agency and/or state service. All separating employees are sent a link to complete the survey. It is completely voluntary and anonymous and goes directly to the State of Oregon Department of Administrative Services. As of July 2014, the agency received 24 DEQ employee responses to the statewide survey. In 2015, 17 responses were received. As of August 2016, 10 responses have been received. These are lower response rates than the agency was hoping to garner. To remedy this, DEQ has instructed managers to refer employees to the statewide exit interview survey.

Performance Evaluations of all Management Personnel

Consistent with Executive Order 16-09, all DEQ managers are responsible for engaging in and supporting affirmative action diversity efforts in the agency, and are held responsible for this in their annual performance appraisals. The deputy director is in charge of this effort with respect to the regional and division administrators, with the administrators taking responsibility for this requirement for middle management.

Status of Contracts to Minority Owned Businesses (ORS 659A.015)

During fiscal year 2015, DEQ entered into 28 contracts with firms certified by Oregon’s Certification Office for Business Inclusion and Diversity (COBID), a decrease of 5 contracts from 2014. This equates to 10.71% of the agency-awarded contracts in 2015. DEQ complies with ORS 200.035 in providing notice of solicitations to the Governor's Advocate for Minority, Women and Emerging Small Businesses. DAS Statewide Policy #107-009-030 provides guidance on how to provide this notice through the Oregon Procurement Information Network. DEQ's practice, in accordance DAS policy, is to notify all providers in the global market via ORPIN of all DEQ solicitations, including the MWESBs. It is the practice of DEQ to award tying bids to COBID certified contractors and vendors.

In an effort to promote participation by MWESBs, DEQ includes the following clause in its solicitations:

“Pursuant to Oregon Revised Statute (ORS) Chapter 200, and as a matter of commitment, DEQ encourages the participation of minority, women, and emerging small business enterprises in all contracting opportunities. DEQ also encourages joint ventures or subcontracting with minority, women, and emerging small business enterprises. All businesses that are to be counted as a minority, women, or emerging small business must be registered with Business Oregon’s Certification Office for Business Inclusion and Diversity. For more information please visit: <http://www.oregon4biz.com/How-We-Can-Help/COBID/>.”

The percentage of DEQ contracts awarded to Minority, Women and Emerging Small Businesses increased slightly from 9.09% in 2014 to 10.71% in 2015.

In 2014, 33 new contracts totaling \$6,522,275 were awarded by DEQ, and of these:

- There was 1 contract which accounted for \$5,000,000 of this total value awarded.
- 2 contracts totaling \$15,497 were awarded to COBID Certified contractors which comprised 6.06% of the total number of contracts awarded and 0.24% of the total dollar amount awarded. Of these:
 - 1 contract totaling \$6.463 was awarded to an Emerging Small Business which comprised 3.03% of the total number of contracts awarded and 0.10% of the total dollar amount awarded.
 - 1 contract totaling \$9.034 was awarded to a Woman-owned/Emerging Small Business which comprised 3.03% of the total number of contracts awarded and 0.14% of the total dollar amount awarded.
 - No contracts were awarded to contractors COBID certified as minority-owned or disadvantaged and no contracts were awarded to non-certified COBID minority, women and/or emerging small business contractors.

In 2015, 27 new contracts totaling \$837,682 were awarded by DEQ, and of these:

- 2 contracts totaling \$60,000 were awarded to COBID Certified contractors which comprised 7.41% of the total number of contracts awarded and 7.16% of the total dollar amount awarded. Of these:
 - 1 contract totaling \$10,000 was awarded to an Emerging Small Business which comprised 3.70% of the total number of contracts awarded and 1.19% of the total dollar amount awarded.
 - 1 contract totaling \$50,000 was awarded to a Woman-owned/Emerging Small Business which comprised 3.70% of the total number of contracts awarded and 5.97% of the total dollar amount awarded.
 - No contracts were awarded to contractors COBID certified as minority-owned or disadvantaged and no contracts were awarded to non-certified COBID minority, women and/or emerging small business contractors.

Roles for Implementation of Affirmative Action Plan

DEQ's predecessor agency, the Oregon State Sanitary Authority, was established in 1939 by an initiative petition passed by the voters of Oregon. DEQ operates under the Authority of the Environmental Quality Commission. Statutory authorization for the EQC and DEQ may be found in ORS 468.010 and 468.030, respectively. The agency consists of the five-member EQC, a director, and six divisions with a total requested budget of approximately \$351.9 million, of which approximately \$220.8 million is for agency operations, subject to approval by the 2017 Legislature. The agency had 638 employees at the end of the first year of the 2015-2017 biennium. DEQ has a strategic plan to achieve the agency's mission, vision and values. The implementation of an outcome-based management program and associated reorganization drives the agency's ability to achieve these goals. The reorganization went into effect in winter 2014.

Responsibilities and Accountability

The success of the affirmative action plan depends upon the commitment and leadership of DEQ employees at all levels.

The Director

DEQ's director commits the agency to a policy of equal employment opportunity and affirmative action. The director demonstrates an active interest attaining affirmative action goals and objectives. The director has delegated direct oversight of affirmative action to the deputy director. Both the director and deputy director provide leadership to agency management and staff, and have the overall responsibility to:

- Communicate and implement the Affirmative Action Plan and Policy Statement
- Review with all division administrators their affirmative action and diversity and inclusion efforts, along with their ability to manage a diverse workforce
- Monitor progress toward meeting the goals and objectives of the Affirmative Action Plan

The director and deputy director each take part in training sessions presented by the affirmative action representative, training and organizational development coordinator, or by outside presenters. They also encourage division administrators and managers to participate in diversity efforts.

Division and Regional Administrators

Division and regional administrators are accountable to the director and deputy director. These individuals are responsible for communicating and implementing the agency's Affirmative Action Plan within their respective divisions or offices, responsibilities that are contained in their position descriptions. Some of the initiatives that are underway include:

- Increasing the manager awareness through an entire management team attending Institutional Equity training. This team is debriefing on this training and then identifying actions to pilot within their division.
- Looking at ways to reach out to diverse businesses and candidates through contracting and recruitment.
- The Deputy Director has a standing "call in" meeting with the Tribes monthly to share information and demonstrate leadership support of Tribal issues.

Managers and Supervisors

Managers are accountable to their administrators. These individuals are responsible for communicating and implementing the agency's Affirmative Action Plan to employees within their respective programs, sections, or stations, and their affirmative action, EEO, and diversity responsibilities are integrated into their position descriptions. Some of the initiatives underway include:

- Revamping our web pages and outreach materials to provide ease of access to written materials in another language
- Identifying outside groups to connect with and actively promote our recruitments including The Environmental Professional of Color and Women in Environment
- Hosting the affinity group, Diversity the Workforce, which includes both DEQ staff and people from other organizations.
- Identifying diverse communities that our programs impact and identifying/implementing strategies to effectively reach these communities.

Human Resources Manager

The Human Resources manager has responsibility for administration of the agency's Equal Employment Policy and Affirmative Action Plan. The Human Resources manager has responsibility to ensure:

- Recruitment panels are diverse
- Connect with the Labor/Management Committee to identify and implement joint D/I Strategies
- Work with hiring managers and recruitment staff to ensure that the recruitment strategies are broad and targeted to expand our applicant pools
- Action is taken by all levels of Agency management to achieve DEQ's equal employment opportunity and affirmative action objectives;
- Compliance with all applicable federal and state laws, rules, and regulations;
- All investigations are completed promptly and attempts are made to resolve all discrimination and harassment complaints; and
- Managers receive assistance in implementing the Affirmative Action Plan.
- Upon receipt of allegations of discrimination or harassment, the matter is assigned to the DEQ Employee Relations Consultant, or contact is made with the Department of Administrative Services or the Department of Justice, for assistance in conducting an investigation. The DEQ Employee Relations Consultant attends training from the Department of Justice, BOLI, or other providers.

Affirmative Action Representative and Diversity and Inclusion Coordinator

The Affirmative Action Representative is responsible for writing the affirmative action plan. The Affirmative Action Representative is required to:

- Compile, review, and revise the agency's Affirmative Action Plan and submit to the Governor's Office of Diversity and Inclusion;
- Recommend changes and updates to the Affirmative Action Plan in response to changing circumstances.
- Lead implementation strategies identified by the Labor/Management Committee
- Actively promote attendance at local diversity conferences
- Host workshops following diversity conferences to share ideas and identify strategies to implement

The Diversity and Inclusion Coordinator position at DEQ is currently vacant due to budget constraints. The position is projected to be filled in early 2017. When filled, this position is assigned the following responsibilities:

- Develop policies and procedures related to affirmative action and equal employment opportunities;
- Develop communication methods to ensure the goals of affirmative action are understood by all staff and are brought to the attention of groups or organizations representing people of color, women, and people with disabilities;
- Identify problem areas in practices and procedures and assist in finding solutions to those problems;
- Design and implement audit and reporting systems that will measure effectiveness of DEQ's Affirmative Action Program; indicate the need for remedial action; and determine the degree to which the agency's goals and objectives have been achieved;
- Represent DEQ with organizations and community action groups whose members or clients tend to be people of color, people with disabilities, or women;
- When possible, foster employee and manager participation in job fairs and career days that have an emphasis on opportunities for women, minorities, and people with disabilities;
- Inform management of the latest law and EEO/AA-related rule changes;
- Initiate programs to recruit, appoint, retain, and promote qualified women, minorities, people with disabilities, and veterans;
- Ensure agency training opportunities are offered free of discrimination on the basis of race, religion, national origin, age, gender, sexual orientation, marital or veteran status, or disability;
- Provide employee counseling related to informal discrimination complaints;
- Investigate formal complaints of discrimination made by employees;
- Support career counseling for all employees;
- Periodically check to ensure facilities and department activities are barrier-free;
- Conduct training sessions for all employees that foster workplace diversity (to include affirmative action and equal employment opportunity); and
- Provide managers with skills to manage a diverse workforce effectively.

Accomplishments in goals and attainments/progress from 2015 -- 2017 biennium's Affirmative Action Plan

- DEQ has posted a copy of the agency Affirmative Action Policy Statement and Affirmative Action Plan on DEQ's intranet site which is accessible to all DEQ employees.
- The deputy director held division administrators accountable for their affirmative action/diversity efforts through their annual performance reviews. In turn, the division administrators held managers accountable for their efforts. Affirmative action and diversity efforts are in managers' position descriptions, and failure to perform could subject managers or administrators to corrective action.
- In 2015 DEQ adopted new strategic goals for the agency (see Appendix C). Some of these strategic goals were directed at creating a diverse culture and workforce and engaging with diverse Oregon communities. DEQ remains committed to carrying out these strategic goals in continued promotion of diversity and inclusion.
- DEQ continue to promote Environmental Justice in accordance with the DEQ Environmental Justice Policy (See Appendix C). Goals and attainments for the 2015-2017 biennium include:
 - Offering trainings for managers and staff about: implicit bias and cultural competency, compliance with Title VI of the Civil Rights Act of 1964, providing assistance to people with Limited English Proficiency, and using EPA's Environmental Justice database EJ SCREEN^[1]
 - Developing tools to take into account demographic indicators for prioritizing DEQ's work, for example where to place air quality monitors
 - Fostering accountability in the areas of staff and manager performance management, Title VI compliance, and serving persons with Limited English Proficiency
 - Creating a plan and practice to diversify DEQ's advisory committees and workgroups, including, but not limited to, participants representing environmental justice issues
 - Strengthening partnerships with other state natural resource and health agencies, local environmental public health agencies EPA, the Environmental Justice Task Force, and others to develop and share tools for Environmental Justice activities in Oregon
 - Ongoing involvement with the Environmental Justice Task Force including attendance by an administrator and policy analyst/official DEQ citizen advocate for Environmental Justice concerns for the purpose of exchanging information with Task Force members and other state agencies
 - Ongoing involvement with other state environmental agencies and EPA about Environmental Justice concerns including monthly conference calls with other Region 10 states (Alaska, Idaho, Washington) and EPA (Seattle-based Region 10 staff) to exchange information, discuss best practices and current activities related to environmental justice.

^[1] *EJ SCREEN is a free online mapping tool that shows areas with potential environmental justice concerns, and is a good first step for many projects and programs. It allows a user to overlay demographic information – including race, ethnicity, languages spoken and socioeconomic or educational statistics - derived from national census data with other EPA data (location of permitted emissions sources, for example).*

- In 2015-2017, DEQ engaged in recruiting practices aimed at attracting a diverse workforce. These practices will continue in the future:
 - DEQ uses the NeoGov recruiting system for all its recruitments. NeoGov captures voluntarily-provided demographic information on all job candidates, which DEQ will analyze for recruiting and adverse impact purposes to determine whether volunteer positions are reaching underrepresented segments of the population. DEQ currently collects race/ethnic and gender information on all new employees, including interns and volunteers, and will continue to do so.
 - All DEQ job postings included the following statement: “The Department of Environmental Quality is an Equal Opportunity, Affirmative Action employer committed to cultural diversity and compliance with the Americans with Disabilities Act. DEQ welcomes applications from women, veterans, people of color, and individuals with disabilities.”
 - DEQ accommodated applicants with disabilities by making adjustments in the application and interviewing processes to meet the special needs of the candidate.
 - In 2016, DEQ began advertising open positions with the Environmental Professionals of Color organization.
 - In 2016, DEQ began advertising open positions with regional and national tribal groups. This included advertising the recruitment for the new DEQ Director position with the National Congress of American Indians.
- In 2015 and 2016, DEQ used the services of qualified rehabilitation facilities, including Galt and De Paul Industries for temporary staffing needs. DEQ will continue this practice in the future.
- In 2015 DEQ participated in the SERVe Program for veterans. This program consisted of a series of 3 surveys, optional family study, and management training conducted by SERVe. The purpose of the program was to: improve the health and well-being of veterans and their families and to increase the retention of veterans in the workplace by training supervisors to better support their employed service members. The program was open to all DEQ veterans and managers on a volunteer basis. A total of 7 veterans and 32 DEQ managers participated.
- Since 2014, DEQ has conducted monthly “Thirsty Thursdays” webinars -- an educational seminar series open to all DEQ staff. The seminars can aid in career advancement by providing valuable educational information on a wide array of topics including: case studies of how DEQ uses data to make management and policy decisions, descriptions of new or lesser-known DEQ programs, research presentations by DEQ or other scientific researchers, and updates on new or upcoming policy changes. Seminars are given by experts from within and outside DEQ. In 2015 and 2016,
- In 2016, DEQ hosted a delegation from Fujian Province, China which created awareness of DEQ, served as a vehicle for information sharing, and provide the opportunity for a valuable cultural exchange.
- During the 2015-2017 biennium, DEQ provided training opportunities such as workshops, educational tools, and games to increase effectiveness of managers and staff with working with various multicultural groups. Some examples include:
 - In 2016, “True Colors” training was given to all managers and made available to all staff. This training educates DEQ employees on the differences in individual communication styles and personality types. 35% of staff has completed this training to date. Training of staff is continuing.
 - In 2015, at the DEQ Managers Conference, training was given to managers and human resources staff on employee engagement.

- In 2016, DEQ Human Resources staff attended the following trainings:
 - Leave Laws in Oregon – FMLA/OFLA, ADA, Oregon sick leave law
 - Workplace Accommodations – Disabilities, Injured Workers, Family Leave, Pregnancy, Religion, Victims of Domestic Violence, Sexual Assault, Stalking or Harassment
 - Oregon Department of Justice Conference – ADA training and Veterans’ information
 - NW Public Employee Diversity Conference
 - Miller Nash Annual Seminar – Employment law update and ADA training
 - Barran Liebman Annual Seminar – Employment law update
 - Human Resources coursework at OSU and PSU

- In 2016, DEQ managers, human resources staff, and interview panel members were given training on the proper application veteran’s preference points in the recruiting and hiring process.

- In 2016, 10 managers from DEQ’s Northwest Region Division will be attending the Institutional Equity: Tools and Frameworks For Leaders training. This training empowers individuals to take leadership to ensure that the response to the cultural shift in the U.S. is responsible, healthy, and just. This is an interactive training which invites each participant to move through challenges and discomfort toward engagement, connection, and action.

- In January 2017, over 20 DEQ managers and staff will attend the Science Talk Northwest Conference. This conference will unite active scientists, science communicators, journalists, students, and trainees for 2 days of learning how to talk science to non-scientists. This training will help DEQ communicate better with outside stakeholders and the public.

- During the first 20 months of the 2015-17 biennium, 93 employees were enrolled in career development education and of those, 15 participated in the Education Tuition Reimbursement Plan with a total of \$23,985.68 paid in reimbursements for taking course work (note: the reimbursement totals show funds actually expended; DEQ reimburses the employees after they receive a passing grade on their course work. Therefore, 21 people are enrolled in credit courses, but only 15 have actually completed course work and submitted for reimbursement. The rest are in process. The remaining participants engaged in career development through job-shadowing, informational interviews, mentoring, job rotations, DEQ’s project management pool and online courses paid for by DEQ and available to all staff. The participating employees consisted of:

EEO Category	# Participating in Career Development	# Receiving Education Tuition Reimbursement
Total # of DEQ Employees	93	15
# of Women	50	9
# of People of Color	17	2
# of People with Disability	1	0
# of People Age 40 & Over	26	8
# of Veterans	5	2

- During the first 20 months of the 2015-2017 biennium, many employees at DEQ availed themselves of opportunities to work out of class in staff and management positions. In August 2015, as requirement of the AFSCME Collective Bargaining Agreement, DEQ began tracking and reporting on working out of class. From August 2015 through August 2016, a total of 54 employees were working out of class. Employees working out of class were comprised of:

EEO Category	# Participating in Work Out of Class
Total # of DEQ Employees	54
# of Women	24
# of People of Color	4
# of People with Disability	0
# of People Age 40 & Over	34
# of Veterans	1

- Between July 1, 2014 and July 1, 2016, the size of the DEQ workforce has been relatively stable. The number of People of Color rose slightly. There were slight declines in the number of: Women; People with a Disability; People 40 & Over; and Veterans.
 - As of July 1, 2014, DEQ employed 639 employees. At this time the workforce was comprised of:
 - 266 Women accounting for 41.6% of the workforce
 - 66 People of Color accounting for 10.3% of the workforce
 - 13 People with a Disability accounting for 2.03% of the workforce
 - 522 Age 40 & Over accounting for 81.7% of the workforce
 - 31 Veterans accounting for 4.85% of the workforce
 - As of July 1, 2016, DEQ employed 638 employees. At this time the workforce was comprised of:
 - 263 Women accounting for 41.2% of the workforce
 - 70 People of Color accounting for 11% of the workforce
 - 10 People with a Disability accounting for 1.57% of the workforce
 - 516 Age 40 & Over accounting for 80.9% of the workforce
 - 30 Veterans accounting for 4.7% of the workforce

- In the 2014 fiscal year, DEQ opened 98 new recruitments for employees and there were 4785 applicants. In the 2015 fiscal year, DEQ opened 94 new recruitments for employees and there were 3365 applicants – a decline of 29.68% from the prior fiscal year. The applicants consisted of:

EEO CATEGORY	# OF APPLICANTS			
	FISCAL YEAR:	2014-2015	2015-2016	% of Change
Total # of All Applicants:		4785	3365	-29.68%
Gender of Applicants:				
# of Men		2006	1707	-14.91%
# of Women		2675	1558	-41.76%
Declined to Answer		104	100	-3.85%
Ethnicity of Applicants:				
American Indian or Alaskan Native		68	37	-45.59%
Asian		279	215	-22.94%
Black or African American		146	125	-14.38%
Hispanic or Latino		268	170	-36.57%
Native Hawaiian or Pacific Islander		41	30	-26.83%
Two or more races		227	157	-30.84%
White (not Hispanic or Latino)		3479	2399	-31.04%
Declined to Answer		277	232	-16.25%
# of Applicants with a Disability:		0	0	0.00%
# of Veteran Applicants:		308	301	-2.27%

DEQ has identified members of four distinct generations within its workforce: the “Silent Generation,” the “Baby Boomers,” “Generation X,” and “Generation Y” (or “Millennials”), and retention strategies for these groups remain largely unchanged from the 2013-2015 affirmative action plan. Members of the Silent Generation, and many Baby Boomers, have reached retirement age, and the agency continues to promote members of these groups and to use the significant amount of institutional knowledge possessed by them. These strategies help retain members of these generations, allowing the agency to gather and retain institutional knowledge to pass on to members of Generations X and Y. Failure to account for the differences among members of different generations will likely result in employees with considerable institutional memory departing DEQ before the agency has been able to memorialize such memory for use by the agency after they have retired.

The retention strategies for members of Generations X and Y are somewhat different from those of the Silent and Baby Boomer generations. Most notably, trends indicate that members of these generations are less likely to work long-term with one employer and will seek and expect to find employers that allow flexibility in work schedules, dress codes, and freedom to pursue outside interests. DEQ, through its training and development plan, has integrated training about managing members of different generations into its manager training sessions.

Among notable challenges to the agency is the historically minimal degree of scheduling flexibility traditionally allowed in state service positions. On the other hand, mentoring efforts aimed at putting Generation X and Millennial employees into position to be promoted within the agency should counteract some of the inflexibility inherent to state service. DEQ has engaged in mentoring activities, but few promotional opportunities for members of generations X and Y have emerged due to budget concerns directly and to fewer than expected retirements in the Silent and Baby Boom generations to date.

DEQ continues to enjoy a competitive advantage in recruiting some segments of the market, since many potential employees, particularly Millennials, identify so closely with the agency's mission. In 2015, the DEQ Director requested that managers develop more entry level positions at DEQ which will provide opportunity for Millennials entering the workforce.

Many of the positions representing promotional opportunities for current employees have been recruited for through the open competitive recruitment process in order to attract the most diverse applicant pools possible. Internal applicants who are unsuccessful in applying for promotion are routinely offered feedback regarding how to improve their performance. DEQ sends job announcements agency-wide via e-mail in order to ensure that current employees have equal access to job postings. In addition,

Retiring employees provide opportunity for promotion of existing employees and new hires into vacated positions. In 2014, 17 DEQ employees retired. The number of retirements increased to 28 in 2015. With improvements to the state's economy, DEQ expects the rate of retirements to increase over the 2017-2019 biennium, as employees' retirement accounts recover previously lost value.

Progress Made or Lost Since 2013 -- 2015 Biennium

Overall, DEQ employs fewer people of color and women than one might expect given U.S. Census demographic information for Oregon and Multnomah County. The following tables compare DEQ employment data by EEO categories. The difference in DEQ employment numbers with U.S. Census data is also included for establishment of DEQ hiring goals.

WOMEN										
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data % Women			Group Goal		Hires to Goal		
All Employees as of 06/30/2016		Women	Oregon		Multnomah County					
638		263	41.2%	50.51%	50.55%	322	50.53%	59	22.43%	
EMPLOYEES AT DEQ	% of All DEQ Employees by Category					% of Female DEQ Employees by Category				
	As of 07/01/2014		As of 07/01/2016		Change	As of 07/01/2014		As of 07/01/2016		Change
	Number	%	Number	%	%	Number	%	Number	%	%
Totals All EEO Categories	639	100%	638	100%	-0.16%	266	41.6%	263	41.2%	-1.13%
Totals by EEO-Category										
A. Officials/Managers										
A02 Executive	1	0.16%	1	0.16%	0%	0	0.00%	0	0.00%	0.00%
A01 Middle Management (SR 24-31)	6	0.94%	8	1.25%	33.33%	1	16.67%	2	25.00%	100.00%
A02 Upper Management (SR 33+)	51	7.99%	50	7.84%	-1.96%	19	37.25%	20	40.00%	5.26%
B. Professionals										
B01 Environmental Engineers	35	5.49%	34	5.33%	-2.86%	6	17.14%	9	26.47%	50.00%
B07 Purchasing Agent/Analyst	5	0.78%	5	0.78%	0.00%	4	80.00%	5	100.0%	25.00%
B08 Natural Resources	257	40.28%	255	39.97%	-0.78%	89	34.63%	81	31.76%	-8.99%
B09 Research Analysts	1	0.16%	1	0.16%	0.00%	1	100.0%	1	100.0%	0.00%
B10 Personnel	5	0.78%	5	0.78%	0.00%	2	40.00%	3	60.00%	50.00%
B15 Accounting/Finance/Revenue	19	2.98%	19	2.98%	0.00%	13	68.42%	13	68.42%	0.00%
B16 Program Coordinator/Analyst	39	6.11%	43	6.74%	10.26%	29	74.36%	29	67.44%	0.00%
B10 Health & Safety Professionals	3	0.47%	2	0.31%	-33.33%	1	33.33%	1	50.00%	0.00%
B02 Public Relations Specialists	4	0.63%	6	0.94%	50.00%	1	25.00%	3	50.00%	200.00%
B10 Training Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	1	50.00%	0.00%
B08 Environmental Law Specialists	8	1.25%	7	1.10%	-12.50%	5	62.50%	5	71.43%	0.00%
B08 Chemist	21	3.29%	22	3.45%	4.76%	10	47.62%	8	36.36%	-20.00%
B12 Computer Analyst (SR 25i+)	34	5.33%	31	4.86%	-8.82%	7	20.59%	7	22.58%	0.00%
C. Technicians										
C04 Computer Analyst (SR 21i-24i)	2	0.31%	1	0.16%	-50.00%	2	100%	1	100.0%	-50.00%
C03 Scientific Instrument Tech	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%
C05 Graphic Design Specialists	1	0.16%	2	0.31%	100.00%	1	100%	2	100.0%	100.00%
E. Paraprofessionals										
E01 Non-supervisory Lab	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%
F. Administrative Support										
F00 Office Assistant/Specialist	65	10.19%	62	9.72%	-4.62%	56	86.15%	53	85.48%	-5.36%
F00 Public Service Rep (VIP)	73	11.44%	74	11.60%	1.37%	19	26.03%	19	25.68%	0.00%
G. Skilled Craft Worker										
G03 Facility Operations Specialist	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%
H. Service Maintenance Worker										
H00 Maintenance/Ops Supv (VIP)	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%

PEOPLE OF COLOR										
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data % People of Color			Group Goal		Hires to Goal		
All Employees as of 06/30/2016	People of Color		Oregon	Multnomah County						
638	70	11.0%	16.35%	23.51%		127	19.93%	57	81.43%	
EMPLOYEES AT DEQ	DEQ Total Employees by Category					DEQ People of Color by Category				
	As of 07/01/2014		As of 07/01/2016		Change	As of 07/01/2014		As of 07/01/2016		Change
	Number	%	Number	%	%	Number	%	Number	%	%
Totals All EEO Categories	639	100%	638	100%	-0.16%	66	10.3%	70	11.0%	6.06%
Totals by EEO-Category										
A. Officials/Managers										
A02 Executive	1	0.16%	1	0.16%	0%	0	0.00%	0	0.00%	0.00%
A01 Middle Management (SR 24-31)	6	0.94%	8	1.25%	33.33%	0	0.00%	0	0.00%	0.00%
A02 Upper Management (SR 33+)	51	7.99%	50	7.84%	-1.96%	3	5.88%	3	6.00%	0.00%
B. Professionals										
B01 Environmental Engineers	35	5.49%	34	5.33%	-2.86%	3	8.57%	3	8.82%	0.00%
B07 Purchasing Agent/Analyst	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%
B08 Natural Resources	257	40.28%	255	39.97%	-0.78%	16	6.23%	15	5.88%	-6.25%
B09 Research Analysts	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%
B10 Personnel	5	0.78%	5	0.78%	0.00%	1	20.00%	0	0.00%	-100.00%
B15 Accounting/Finance/Revenue	19	2.98%	19	2.98%	0.00%	3	15.79%	4	21.05%	33.33%
B16 Program Coordinator/Analyst	39	6.11%	43	6.74%	10.26%	3	7.69%	4	9.30%	33.33%
B10 Health & Safety Professionals	3	0.47%	2	0.31%	-33.33%	1	33.33%	1	50.00%	0.00%
B02 Public Relations Specialists	4	0.63%	6	0.94%	50.00%	0	0.00%	0	0.00%	0.00%
B10 Training Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%
B08 Environmental Law Specialists	8	1.25%	7	1.10%	-12.50%	0	0.00%	0	0.00%	0.00%
B08 Chemist	21	3.29%	22	3.45%	4.76%	2	9.52%	1	4.55%	-50.00%
B12 Computer Analyst (SR 25i+)	34	5.33%	31	4.86%	-8.82%	11	32.35%	10	32.26%	-9.09%
C. Technicians										
C04 Computer Analyst (SR 21i-24i)	2	0.31%	1	0.16%	-50.00%	0	0.00%	0	0.00%	0.00%
C03 Scientific Instrument Tech	5	0.78%	5	0.78%	0.00%	1	20.00%	1	20.00%	0.00%
C05 Graphic Design Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%
E. Paraprofessionals										
E01 Non-supervisory Lab	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%
F. Administrative Support										
F00 Office Assistant/Specialist	65	10.19%	62	9.72%	-4.62%	9	13.85%	13	20.97%	44.44%
F00 Public Service Rep (VIP)	73	11.44%	74	11.60%	1.37%	12	16.44%	14	18.92%	16.67%
G. Skilled Craft Worker										
G03 Facility Operations Specialist	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%
H. Service Maintenance Worker										
H00 Maintenance/Ops Supv (VIP)	1	0.16%	1	0.16%	0.00%	1	100%	1	100%	0.00%

PEOPLE OF COLOR					
Permanent Employees at DEQ as of 06/30/2016					
All Employees	People of Color				
638	70	11.0%			
PEOPLE OF COLOR AT DEQ	DEQ People of Color by Race				
	As of 06/30/2014		As of 06/30/2016		Change
	Number	%	Number	%	%
Totals All People of Color at DEQ	66	10.3%	70	11.0%	6.06%
People of Color by Race Category					
American Indian or Alaskan Native	4	6.06%	4	5.71%	0.00%
Asian	33	50.00%	33	47.14%	0.00%
Black or African American	10	15.15%	8	11.43%	-20.00%
Hispanic or Latino	14	21.21%	13	18.57%	-7.14%
Native Hawaiian or Pacific Islander	0	0.00%	0	0.00%	0.00%
Two or more races	5	7.58%	12	17.14%	140.00%

PEOPLE WITH DISABILITIES AGE 18 to 65											
Prmanent Employees at DEQ as of 06/30/2016			2010 Census Data % Disableld 18-65			Group Goal		Hires to Goal			
All Employees as of 06/30/2016		with Disabilities	Oregon		Multnomah County						
638		10	1.57%	6.03%		5.00%		35	5.52%	25	250.0%
EMPLOYEES AT DEQ	DEQ Total Employees by Category					DEQ People with Disabilities 18-65 by Category					
	As of 07/01/2014		As of 07/01/2016		Change	As of 07/01/2014		As of 07/01/2016		Change	
	Number	%	Number	%	%	Number	%	Number	%	%	
Totals All EEO Categories	639	100%	638	100%	-0.16%	13	2.03%	10	1.57%	-23.08%	
Totals by EEO-Category											
A. Officials/Managers											
A02 Executive	1	0.16%	1	0.16%	0%	0	0.00%	0	0.00%	0.00%	
A01 Middle Management (SR 24-31)	6	0.94%	8	1.25%	33.33%	0	0.00%	1	12.50%	100%	
A02 Upper Management (SR 33+)	51	7.99%	50	7.84%	-1.96%	0	0.00%	0	0.00%	0.00%	
B. Professionals											
B01 Environmental Engineers	35	5.49%	34	5.33%	-2.86%	0	0.00%	0	0.00%	0.00%	
B07 Purchasing Agent/Analyst	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%	
B08 Natural Resources	257	40.28%	255	39.97%	-0.78%	7	2.72%	6	2.35%	-14.29%	
B09 Research Analysts	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
B10 Personnel	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%	
B15 Accounting/Finance/Revenue	19	2.98%	19	2.98%	0.00%	0	0.00%	0	0.00%	0.00%	
B16 Program Coordinator/Analyst	39	6.11%	43	6.74%	10.26%	0	0.00%	0	0.00%	0.00%	
B10 Health & Safety Professionals	3	0.47%	2	0.31%	-33.33%	0	0.00%	0	0.00%	0.00%	
B02 Public Relations Specialists	4	0.63%	6	0.94%	50.00%	0	0.00%	0	0.00%	0.00%	
B10 Training Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%	
B08 Environmental Law Specialists	8	1.25%	7	1.10%	-12.50%	0	0.00%	0	0.00%	0.00%	
B08 Chemist	21	3.29%	22	3.45%	4.76%	0	0.00%	0	0.00%	0.00%	
B12 Computer Analyst (SR 25i+)	34	5.33%	31	4.86%	-8.82%	1	2.94%	0	0.00%	-100%	
C. Technicians											
C04 Computer Analyst (SR 21i-24i)	2	0.31%	1	0.16%	-50.00%	0	0.00%	0	0.00%	0.00%	
C03 Scientific Instrubment Tech	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%	
C05 Graphic Design Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%	
E. Paraprofessionals											
E01 Non-supervisory Lab	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
F. Administrative Support											
F00 Office Assistant/Specialist	65	10.19%	62	9.72%	-4.62%	4	6.15%	2	3.23%	-50.00%	
F00 Public Service Rep (VIP)	73	11.44%	74	11.60%	1.37%	1	1.37%	2	2.70%	100%	
G. Skilled Craft Worker											
G03 Facility Operations Specialist	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
H. Service Maintenance Worker											
H00 Maintenance/Opns Supv (VIP)	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	

VETERANS											
Permanent Employees at DEQ as of 06/30/2016				2010 Census Data Veterans				Group Goal		Hires to Goal	
All Employees as of 06/30/2016		Veterans		Oregon		Multnomah County					
638		30	4.70%	11.94%		8.73%		66	10.34%	36	120.0%
EMPLOYEES AT DEQ	DEQ Total Employees by Category					DEQ Veterans by Category					
	As of 07/01/2014		As of 07/01/2016		Change	As of 07/01/2014		As of 07/01/2016		Change	
	Number	%	Number	%	%	Number	%	Number	%	%	
Totals All EEO Categories	639	100%	638	100%	-0.16%	31	4.85%	30	4.70%	-3.23%	
Totals by EEO-Category											
A. Officials/Managers											
A02 Executive	1	0.16%	1	0.16%	0%	0	0.00%	0	0.00%	0.00%	
A01 Middle Management (SR 24-31)	6	0.94%	8	1.25%	33.33%	1	16.67%	1	12.50%	0.00%	
A02 Upper Management (SR 33+)	51	7.99%	50	7.84%	-1.96%	3	5.88%	2	4.00%	-33.33%	
B. Professionals											
B01 Environmental Engineers	35	5.49%	34	5.33%	-2.86%	3	8.57%	3	8.82%	0.00%	
B07 Purchasing Agent/Analyst	5	0.78%	5	0.78%	0.00%	0	0.00%	1	20.00%	100%	
B08 Natural Resources	257	40.28%	255	39.97%	-0.78%	15	5.84%	14	5.49%	-6.67%	
B09 Research Analysts	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
B10 Personnel	5	0.78%	5	0.78%	0.00%	0	0.00%	0	0.00%	0.00%	
B15 Accounting/Finance/Revenue	19	2.98%	19	2.98%	0.00%	1	5.26%	1	5.26%	0.00%	
B16 Program Coordinator/Analyst	39	6.11%	43	6.74%	10.26%	2	5.13%	3	6.98%	50.00%	
B10 Health & Safety Professionals	3	0.47%	2	0.31%	-33.33%	0	0.00%	0	0.00%	0.00%	
B02 Public Relations Specialists	4	0.63%	6	0.94%	50.00%	0	0.00%	0	0.00%	0.00%	
B10 Training Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%	
B08 Environmental Law Specialists	8	1.25%	7	1.10%	-12.50%	0	0.00%	0	0.00%	0.00%	
B08 Chemist	21	3.29%	22	3.45%	4.76%	0	0.00%	0	0.00%	0.00%	
B12 Computer Analyst (SR 25i+)	34	5.33%	31	4.86%	-8.82%	3	8.82%	2	6.45%	-33.33%	
C. Technicians											
C04 Computer Analyst (SR 21i-24i)	2	0.31%	1	0.16%	-50.00%	0	0.00%	0	0.00%	0.00%	
C03 Scientific Instrument Tech	5	0.78%	5	0.78%	0.00%	1	20.00%	1	20.00%	0.00%	
C05 Graphic Design Specialists	1	0.16%	2	0.31%	100.00%	0	0.00%	0	0.00%	0.00%	
E. Paraprofessionals											
E01 Non-supervisory Lab Technician	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
F. Administrative Support											
F00 Office Assistant/Specialist	65	10.19%	62	9.72%	-4.62%	1	1.54%	0	0.00%	-100%	
F00 Public Service Rep (VIP)	73	11.44%	74	11.60%	1.37%	1	1.37%	2	2.70%	100%	
G. Skilled Craft Worker											
G03 Facility Operations Specialist	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	
H. Service Maintenance Worker											
H00 Maintenance/Opns Supv (VIP)	1	0.16%	1	0.16%	0.00%	0	0.00%	0	0.00%	0.00%	

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In addition to general employee engagement efforts, DEQ's mentorship program, designed to encourage and enable employees, including individuals with disabilities, women, veterans, and people of color, to garner promotions within the agency. In addition, mentorship improves the internal talent pool from which DEQ will draw its higher level staff and management positions over the 2015-2017 biennium. Without a comprehensive succession plan, DEQ will experience an immediate and severe loss of institutional memory given the relatively large number of employees nearing retirement age. It remains necessary to find and develop methods of maintaining this knowledge when current employees retire. DEQ hopes that outreach and mentoring activities, as well as retention efforts, will result in candidate pools seeded with candidates who have a favorable impression of the agency. When positions arise that are hard to fill, DEQ will forward them to the Governor's Office of Diversity and Inclusion for assistance in attracting a larger, more diverse, candidate pool.

In 2016, due to budget constraints, DEQ HR recruiting staff was reduced from 2 people to 1 person. At that time, DEQ began using DAS recruiters for some DEQ recruitments. This practice is expected to continue until DEQ is able to add additional staff to manage the agency's recruitments.

DEQ anticipates competitive advantages in competing for candidates, including: the agency's mission, which draws and retains many passionate, dedicated employees and applicants; the location of its headquarters in Oregon's largest metropolitan area; and the existence of several offices around the state, providing employees and applicants with potential opportunities to live in the climate that best suits them.

July 1, 2017 – June 30, 2019

Goals for the DEQ Affirmative Action Plan

DEQ strives for a workforce reflective of the diversity present in Oregon, and understands that attracting quality applicants who are women, people of color, veterans or individuals with disabilities goes a long way toward reaching that goal.

During the 2017-2019 biennium, DEQ will continue:

- To work with DEQ leadership, human resources, and staff to establish a Diversity Committee at DEQ before the end of the 2015-2017 biennium for the purpose of arranging diversity and inclusion activities and communications and increasing growing a culture of diversity and inclusion within the Agency.
- To work with the Labor Management Committee and leadership, human resources, and staff to establish an Affinity Group(s) at DEQ before the end of the 2015-2017 biennium for the purpose fo allowing employees of common interest and purpose to network, mutually mentor and support, and advance diversity and inclusiveness at DEQ.
- The outreach efforts and internal mentoring and professional development opportunities developed during the 2011-2013 biennium.
- To use the fully online application process, including the option for online interview scheduling, implemented in April 2011.
- To incorporate face-to-face recruiting and outreach efforts into its online presence, and to assist those individuals with limited access to technology in finding and applying for positions at DEQ.
- To make reasonable accommodations for candidates with disabilities who are applying for DEQ positions.
- Submit DEQ job announcements to associations and trade groups comprised of people of color, women, the disabled, and/or veterans for the purpose of advertising DEQ positions to their respective membership.
- Participate in career fairs and recruiting events which target people of color, women, the disabled, and/or veterans.

Employment Goals:

The following tables summarize agency employment targets based on the difference between U.S. Census data and DEQ employment data:

WOMEN									
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data % Women		Group Goal		Hires to Goal		
All Employees as of 06/30/2016	Women		Oregon	Multnomah County					
638	263	41.2%	50.51%	50.55%	322	50.53%	322	22.43%	
PEOPLE OF COLOR									
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data % People of Color		Group Goal		Hires to Goal		
All Employees as of 06/30/2016	People of Color		Oregon	Multnomah County					
638	70	11.0%	16.35%	23.51%	127	19.93%	127	81.43%	
PEOPLE WITH DISABILITIES AGE 18 to 65									
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data % Disabled 18-65		Group Goal		Hires to Goal		
All Employees as of 06/30/2016	with Disabilities		Oregon	Multnomah County					
638	10	1.57%	6.03%	5.00%	35	5.52%	35	250.0%	
VETERANS									
Permanent Employees at DEQ as of 06/30/2016			2010 Census Data Veterans		Group Goal		Hires to Goal		
All Employees as of 06/30/2016	Veterans		Oregon	Multnomah County					
638	30	4.70%	11.94%	8.73%	66	10.34%	66	120.0%	
PEOPLE AGE 40 & Over									
Permanent Employees at DEQ as of 06/30/2016			2010 Census Estimate % 40 to 69		Group Goal		Hires to Goal		
All Employees	People 40 & Older		Oregon	Multnomah County					
638	516	81.70%	54.70%	47.29%	325	51.00%	325	-37.02%	

Over the past biennium, the human resources section has carefully allocated its limited resources to optimize affirmative action and equal employment opportunity activities. Participation of staff, management, and administrators remains vital to accomplishing DEQ's affirmative action goals.

Strategies and Timeline for Achieving DEQ goals

- In accordance with state guidelines and policy, applicants for any position will be chosen from the following lists, shown here in order of consideration:
 - 1) Injured Worker
 - 2) DEQ Layoff
 - 3) Statewide Reemployment Layoff
 - 4) Agency Transfer
- The sequence for consideration of other lists is optional. These other lists include:
 - 1) Agency Promotion
 - 2) Statewide Promotion
 - 3) Statewide Transfer
 - 4) Open Competitive
- Job announcements will be posted for a minimum of five days pursuant to the collective bargaining agreement and will be distributed both internally and externally. Internal candidates who are qualified to interview—or who were close to qualifying to interview—but who are not selected are offered opportunities to meet with managers and human resources personnel to discuss ways in which to improve their performance in subsequent interviews.
- Oral interviews will be held and applicant references checked before a hiring decision is made. Upon selection of a candidate for a position, managers announce the selection to all DEQ employees.

Guidelines:

Managers must first balance the task to be completed against current employee developmental opportunities. Consideration must be given each time to the employee's view as to whether the position is a potential developmental opportunity. Managers must consider developmental opportunities before hiring a temporary employee.

Post-selection interviews may be offered to unsuccessful DEQ candidates. These interviews include the basis for non-selection, help in understanding the DEQ recruitment process, potential areas of recommended improvement, and identification of training and/or continuing education needs.

DEQ Targets, Goals, Planned Actions and Timelines:

The following tables summarize agency targets, goals, planned actions, and timelines for all staff, people of color, women, and individuals with disabilities.

Staff

Target: All Employees

Goal: Ensure employees are engaged in maintaining a diverse workplace

Planned Action	Target Date
Progress toward affirmative action goals will be made part of evaluation of management and supervisory personnel.	Ongoing
Agency will provide prompt investigation of discrimination and harassment complaints and take appropriate action in a timely manner.	Ongoing
Maintain the resources in the Diversity Center on DEQ's intranet.	Ongoing
Actively encourage employees to participate in agency efforts to reach its affirmative action goals.	Ongoing
Continue to develop closer and more meaningful relationships with colleges and universities and local ethnic groups in order to increase awareness of DEQ and state service positions among recent graduates.	Ongoing
Use strategies gathered from AAEO workshops to streamline job announcements placed online to make the application process less cumbersome.	Ongoing
Affirmative action representative or designee will continue to attend monthly affirmative action workgroup meetings.	Ongoing
Review job classifications and identify opportunities to establish more entry-level positions in the professional categories.	Ongoing
Collect and report EEO data on volunteers, interns, and staff requesting and/or receiving mentoring services	01/01/2017
Form a Diversity Committee at DEQ comprised of a representative group of EQ staff for the purpose of arranging diversity and inclusion activities and communications and growing a culture of diversity and inclusion within the Agency.	06/30/2017
Work in conjunction with the DEQ Labor Management Committee to form an Affinity Group(s) at DEQ where employees of common interest and purpose can network, mutually mentor and support, and advance diversity and inclusiveness at DEQ.	06/30/2017
The Workforce Development Coordinator will develop career paths and ladders for various DEQ positions.	06/30/2017
DEQ will develop a succession plan.	06/30/2017

People of Color

Target: People of Color

Goal: Achieve a **MINORITY WORKFORCE** representation at DEQ to reach parity with the civilian workforce.

Planned Action	Target Date
Actively recruit and interview people of color for the upper and middle managerial, and natural resource positions.	Upon notice of vacancy
Actively encourage employees to refer applicants to DEQ.	Ongoing
Review all hiring practices to identify and eliminate all employment barriers for people of color.	January 31, 2016
Promote participation in DEQ’s mentorship and career development programs.	Ongoing
Diversify interview panels.	2016
Explore job rotation as a way to assist people of color in entering permanent positions. Provide necessary training in order to increase the likelihood of success.	Ongoing

Women

Target: Women

Goal: Achieve **FEMALE** representation in all categories at DEQ to reach parity with the civilian workforce.

Planned Action	Target Date
Review all hiring practices to identify and eliminate all employment barriers for women.	Ongoing
Promote participation in DEQ’s mentorship and career development programs.	Ongoing
Diversify interview panels.	2016
Explore job rotation as a way to assist women in entering permanent positions. Provide necessary training in order to increase the likelihood of success.	Ongoing

People with Disabilities

Target: People with disabilities

Goal: Achieve representation of PEOPLE WITH DISABILITIES at DEQ to reach parity with the civilian workforce.

Planned Action	Target Date
Review all recruitment and hiring practices to identify and eliminate all employment barriers for individuals with disabilities. Make reasonable accommodations as necessary to meet the needs of disabled applicants and employees.	Ongoing
Establish and maintain professional relationships with agencies and organizations whose members or clients are primarily individuals with disabilities.	Ongoing
Use a qualified rehabilitation facility for temporary services. This will provide work experience for individuals with disabilities, and may increase the number of individuals with disabilities in our applicant pool.	Ongoing
Promote participation in DEQ’s mentorship and career development programs.	Ongoing
Ensure that all DEQ facilities are accessible and ADA compliant.	Ongoing
Explore temporary job rotation as a way to assist employees with disabilities in entering permanent promotional positions. Provide necessary training in order to increase the likelihood of success.	Ongoing
Diversify interview panels.	2016

APPENDIX A – State Policy Documentation

[Need to add Placeholder for link to policy -- to be provided by D&I]

A. ADA and Reasonable Accommodation Policy (Statewide Policy 50.020.10)

B. Discrimination and Harassment Free Workplace - (Statewide Policy 50.010.01)

C. Employee Development and Implementation of Oregon Benchmarks for Workforce Development (Statewide Policy 50.045.01)

D. Veterans Preference in Employment (105-040-0015)

E. Equal Opportunity and Affirmative Action Rule (105-040-0001)

F. Maintaining a Professional Workplace (Statewide Policy 50.010.03)

G. Executive Order 16-09

APPENDIX B – Federal Documentation

[Need to add Placeholder for link to policy -- to be provided by D&I]


- 1. Age Discrimination in Employment Act of 1967 (ADEA)**
- 2. Disability Discrimination Title I of the Americans with Disability Act of 1990**
- 3. Equal Pay and Compensation Discrimination Equal Pay Act of 1963, and Title VII of the Civil Rights Act of 1964**
- 4. Genetic Information Discrimination Title II of the Genetic Information Nondiscrimination Act of 2008 (GINA)**
- 5. National Origin Discrimination Title VII of the Civil Rights Act of 1964**
- 6. Pregnancy Discrimination Title VII of the Civil Rights Act of 1964**
- 7. Race/Color Discrimination Title VII of the Civil Rights Act of 1964**
- 8. Religious Discrimination Title VII of the Civil Rights Act of 1964**
- 9. Retaliation Title VII of the Civil Agency Affirmative Action Policy**
- 10. Sex-Based Discrimination Title VII of the Civil Rights Act of 1964**
- 11. Sexual Harassment Title VII of the Civil Rights Act of 1964**

APPENDIX C – Agency documentation in support of the DEQ Affirmative Action Plan

DEQ Policy

Education and Training



Policy Number 090.007. 2013	
Effective Date: April 16, 2013	Next Scheduled Revision Date: February 2014
Approval: 	Title: MSD Administrator

Intent/Purpose/ Statement of Need	DEQ is committed to providing employees with opportunities to increase skills in their current position and encourage career development and planning. Both the <u>Governor's Balanced Budget Benchmarks</u> and <u>Department of Administrative Services policy</u> require that at least 50 percent of an agency's employees receive a minimum of 20 hours of training per year and that each employee have a development plan in place. To support and promote employee growth, DEQ has determined that these standards will be achieved by each employee completing a minimum of 20 hours of training per year and having an annual training plan developed with their manager.
Authority	ORS.240.145(3)(4); 240.250; 240.551; OAR 839.020.0044(7); <u>Oregon Benchmarks</u> ; DAS Policy 50.045.01; State of Oregon/DAS/AFSCME/DEQ Collective Bargaining Agreement
Applicability	Except as noted, this policy applies to all DEQ employees, including temporary employees.

POLICY

Applying for training	Employees share responsibility for identifying, researching and applying for training, education, and career development opportunities and are encouraged to discuss their career goals with their supervisors. DEQ expects all employees to have a training plan on file that will at minimum address core training and job-related education.
Training opportunities	DEQ will provide training, education and career development opportunities for all employees when possible. Examples of opportunities include, but are not limited to, job-related and career development training, participation in conferences and workshops, job rotations, mentorships, job shadowing, self-paced training (such as online training and study guides) and special assignments. Whenever possible, DEQ will obtain and share information about available training and education opportunities.
Core training	<p>Core training, or mandatory training expected of all DEQ employees, is paid 100 percent with program funds. Core training includes topics such as agency policy. Depending on the employee's position, additional core training may be identified. All core training is completed during work hours. Time spent in training outside regular working hours at a study course required for certification is on the employee's own time and would be unpaid (OAR 839.020.0044(7)).</p> <p>All new managers will complete identified DAS management courses within six months of hire. If the DAS management courses are not available, DEQ's Management Services Division administrator will work with DAS to identify relevant and appropriate training for the new managers to take within six months of hire.</p>

DEQ Policy

<p>Job-related training</p>	<ul style="list-style-type: none"> • All DEQ employees are eligible for job-related training. • Classes, seminars, or workshops and fees and books pertaining to job-related training will be paid 100 percent with program funds. Any books purchased in conjunction with such training are agency property. Attendance should take place during work hours.
<p>Recording training in iLearn</p>	<p>To empower employees to have control of their professional development and meet the agency's training goals, employees are responsible for entering their training courses into iLearn.</p>
<p>Career development education</p>	<p>All regular and limited duration employees are eligible for career development education. Trial service employees, temporary employees, employees who have a current work improvement plan and employees who have had a disciplinary action within the last year are not eligible to participate.</p> <p>Career development education is reimbursed from program funds. Employees must obtain authorization from their manager prior to enrolling in a course and file an approved Career Development Plan with the Agency Training and Development Specialist in order to receive reimbursement for career development education. Based on available funding, up to 75 employees agency wide may participate in the Career Development program at any given time. Attendance and training for career development education must be completed on the employee's own time and not during work hours.</p>
<p>Tuition reimbursement</p>	<p>Employees are eligible for tuition reimbursement if they have an approved Career Development Plan on file with Human Resources. For employees at salary range 20 and above, 50 percent of tuition and fees related to the class (this amount is prorated for part-time employees) are reimbursed. For employees at salary range 19 and below, 75 percent tuition and fees related to the class (prorated for part-time employees) are reimbursed. Reimbursement shall not exceed \$3,500 in a twelve-month period (one year). No funds shall be carried over from year to year. The twelve month reimbursement period begins with the first reimbursement payment.</p> <p>Career Development Plans shall be completed within three consecutive years. If the Career Development Plan is not completed within three years, a new plan must be developed and receive the appropriate approval to be valid.</p> <p>To receive reimbursement, the employee must submit documentation to the Agency Training and Development Specialist that they have received a "pass" or grade of "C" or better in the class. If the class is credit/no credit, the employee must receive credit status. They must also provide proof they made payment to an approved educational institution (as outlined in the employee's Career Development Plan) via cash, check, credit and/or debit card. Tuition, fees, and books are eligible for reimbursement. Student loans and items such as school supplies, technology and software are not eligible for reimbursement.</p>
<p>Other training</p>	<ul style="list-style-type: none"> • Program funds will cover 100 percent of Public Employees Retirement System sponsored retirement and investment seminar costs. These seminars will be on paid time if occurring during an employee's regular work hours. If the seminar takes

DEQ Policy

	<p>place outside the regular working hours, it is on the employee's own time.</p> <ul style="list-style-type: none"> • A manager may deny an education/training request. Reasons may include, but are not limited to, budget constraints, workload, or other operational reasons. The manager will provide the reason for denial to the employee in writing and forward a copy to Human Resources. An employee who receives a denial notice is encouraged to apply again once conditions related to the denial have changed. • Education and training will be made available to employees without regard to race, color, religion, gender, national origin, age, sexual orientation, or mental or physical disability.
<p>Memberships and registrations</p>	<p>DEQ will reimburse employees for professional membership and registrations as follows:</p> <ul style="list-style-type: none"> • When a professional registration or license for a (a) certified public accountant, (b) professional engineer, (c) registered geologist or (d) registered sanitarian is required as part of the job duties of an employee and identified as a requirement of the position in the position description, the entire cost of the annual professional registration or license will be reimbursed by the agency; or • Up to \$150 for one job-related professional membership when pre-approved by the immediate supervisor; or • Up to \$150 for one non-required professional registration when pre-approved by the immediate supervisor. <p>When a second professional membership will benefit an entire section of people at DEQ and no other staff member is eligible to obtain this membership, the manager of the section may request an exception to the professional membership limit through the Management Services Division Administrator. In situations such as this, the second professional registration must rotate among staff within the section. DEQ will not reimburse employees for more than two memberships per year.</p>
<p>Definitions</p>	<p>Career plan: A written plan used to identify internal and external training for the employee to aid in promotion or job changes at DEQ or another state agency.</p> <p>Job-related education: Education or training necessary to prepare an employee to execute his/her current job or to improve the employee's job performance. This may also include classes about the value of diversity in the workplace, safety, organizational perspectives, workplace harassment and other programs to build understanding of state government or organization priorities and activities.</p> <p>Career development education: Education and training that helps an employee obtain or improve skills for promotion or job changes within DEQ or state service.</p> <p>Educational leave: Unpaid leave granted by DEQ for completing course work to upgrade skills, complete a degree or learn a trade.</p>
<p>History</p>	<p>Revision Dates March 30, 2006 (format only); September 25, 2005; June 10, 2004; August 13, 2003; October 15, 2009; January 7, 2011; February 21, 2012 to clarify which expenses are eligible for reimbursement; April 16, 2013, to update intent to</p>

DEQ Policy

	comply with DAS policy and clarify DEQ's expectations regarding training plans and minimum training hours expected.
Attachments	<u>DAS Policy 50.045.01</u> <u>Governor's Balanced Budget Benchmarks</u> <u>Job Related Training and Career Development Forms, and Educational Leave Information</u> <u>Training requisition forms</u> <u>Travel forms and procedures</u>

DEQ Strategic Goals:

Memo

To: DEQ staff

From: Dick Pedersen, DEQ Director

Date: December 17, 2015

Subject: DEQ Strategic Goals

I am excited to share DEQ's updated strategic goals with you. Strategic goals help DEQ focus on a set of clear outcomes in order to produce desired results. These goals align agency resources and actions in a way that more clearly connects our work to our agency mission, vision and strategy.

This document contains the strategic goals, background on how the goals were developed and examples of how DEQ uses the goals.

Strategic Goals:

DEQ's strategic goals guide the agency's actions to ensure that overall quality of life, from human health to the state's economy, is supported by a beautiful, healthy and productive environment.

Efficiently and responsibly meet environmental standards and emerging needs

- a. Objective: Core programs are resourced appropriately
- b. Objective: Consistent and effective programs meet customer needs
- c. Objective: Productive evaluation and prioritization of emerging needs

Sustain a diverse, outcome-oriented workforce and culture

- a. Objective: An engaged, energized and diverse workforce is able to fulfill DEQ's mission
- b. Objective: A culture of strategic thinking and continuous improvement is supported
- c. Objective: Agency outcomes are met

Provide easy access to information and services

- a. Objective: High quality information and services are readily accessible
- b. Objective: Our processes meet customer needs

Maintain informed and engaged relationships with tribes and Oregon's communities

- a. Objective: Collaborative, productive relationships with partners and stakeholders
- b. Objective: Proactive engagement with individuals and communities where they live, work, and play



State of Oregon
Department of
Environmental
Quality

Dick Pedersen, Director

Phone: 503-229-5300

www.oregon.gov/DEQ

DEQ Tribal Relations Policy

DEQ Policy



State of Oregon
Department of
Environmental
Quality

Tribal Relations

Policy Number 000.002.2010

Effective Date: June 22, 2010

Next Scheduled Revision Date: as needed

Approved:

Title:

Director

Intent/Purpose/ Statement of Need

In 2001, the Oregon Legislature adopted ORS 182.162-166 (formerly Senate Bill 770). The statute directs state agencies to promote government to government relations with Oregon's Indian tribes. In compliance with the law, DEQ has adopted policy to include tribes in the development and implementation of agency programs that affect tribal interests. DEQ's intent is to maximize inter-governmental relations and collaboration, to resolve potential conflicts, and to enhance the exchange of information, ideas and resources for the greater good of all Oregonians and the environment. DEQ recognizes and respects the sovereign status of the Oregon federally-recognized tribes and their respective authorities on tribal lands.

Authority

Oregon Revised Statutes 182.162-166 (Relationship of State Agencies with Indian Tribes)

Oregon Revised Statute 468.035 and 468.045 (agency administrative authority)

Applicability

All DEQ employees (full time, part time, represented, management services, executive, limited duration, contract and temporary employees), volunteers and agents

POLICY

DEQ is committed to building and maintaining strong government-to-government relations with Oregon's nine federally-recognized tribes. DEQ consults and coordinates with tribal nations on air quality, water quality and land quality issues that affect tribal interests, resources or lands. DEQ builds positive relationships with tribal leaders, managers, staff and representatives to understand tribal interests, explore opportunities for greater partnership and collaboration, and address tribal interests as much as possible in DEQ actions. State-tribal partnership increases our collective ability to protect and enhance Oregon's environment and people's health.

Tribal government participation in DEQ policy and planning development

- DEQ considers tribal interests and concerns at the front end of policy and planning development, including agency strategic planning, rulemaking, the EPA/DEQ Performance Partnership Agreement (PPA) and development of proposed legislation.
- DEQ's liaison to tribal nations provides timely notice of policy and planning efforts to designated tribal key contacts, and consults with tribes as necessary to consider and address tribal interests and concerns.
- DEQ's director offers to meet regularly with tribal leaders statewide to consult on tribal interests related to DEQ policy and planning, and to explore opportunities for greater state-tribal partnership and collaboration.

DEQ Environmental Justice Policy

Oregon Department of Environmental Quality Environmental Justice – Principles and Implementation

Environmental Justice – or Environmental Equity– entails the fair treatment and meaningful involvement of all people regardless of race, age, gender, national origin, education or income level, in the development, implementation and enforcement of environmental laws, regulations and policies. Since the early 1980's, there has been increasing awareness of disproportionate effect of environmental hazards on minority and low-income communities. Across the nation, projects are underway to investigate and address this problem. In Oregon, a governor-appointed advisory committee developed recommendations on how to eliminate disproportionate environmental impacts on low income and minority populations. One recommendation was that agencies adopt policies that incorporate environmental equity into their institutional framework. The following principles describe how the Department will make environmental equity inherent in the way it does business.

Maintain Diversity in the Department

The Department's staff should be comprised of a broad mix of individuals. A workplace that respects different perspectives will ensure identification of potential problems and will encourage problem solving beyond traditional approaches. By encouraging respect for diversity, the Department will be able to *ensure determination of the affected public*.

Ensure the Determination of the Affected Public

Significant environmental effects may be diluted by examination of a large population or area. Staff should be encouraged to vary their analysis of affected population by a variety of factors including population concentration, cumulative exposure to hazards, and different patterns of use of resources. Staff should also be encouraged to address human health, economic, and social effects whenever possible. By determining who the potentially affected parties are, the Department will be able to *disseminate information to the affected public*.

Disseminate Information to the Affected Public

This goal can be accomplished through careful identification of target audiences and aggressive community outreach beyond traditional forms. This includes improving accessibility of public meetings and documents. By providing affected parties with adequate information, the Department will *provide opportunities for participation*.

Provide Opportunities for Participation

For each agency action, adequate opportunity for community input should be facilitated to ensure that potentially affected parties are not overlooked and excluded from the process. Local community members or interest groups should be contacted to help develop agency policy. By facilitating community participation, the Department will *foster community partnerships*.

Foster Community Partnerships

Local community members or interest groups can provide a unique perspective on problems for which the Department may be unaware. Partnerships can serve to educate all affected parties. By fostering collaboration between community members, other agencies, local jurisdictions, and the federal government, the Department will be able to *pursue innovative responses to problems*.

Pursue Innovative Responses to Problems

Creativity and innovation are the Department's goals. Providing technical assistance to the public to enhance understanding of requirements and encourage discussion of a full range of potential creative solutions to the problem will encourage environmental protection in the most equitable manner.

Environmental Justice Implementation Measures

1. Ensure development and targeting of all agency outreach and education efforts to reach low income and minority interests.
2. Ensure representation of minority and low-income interests on advisory committees.
3. Ensure that permit writers identify and address low income and minority issues in the permitting process.
4. Schedule agency meetings in facilities that meet American Disability Act requirements.
5. Ensure that water quality policy is consistent statewide.
6. Coordinate water quality data collection with other agencies.
7. Ensure that risk assessment includes adequate data on levels of fish consumption by various ethnic groups. Ensure that communication and outreach efforts are directed to these groups as well.
8. Identify ways to lessen potential water pollution from residential wells in rural areas, especially for low income and minority communities.
9. Ensure that educational and outreach efforts regarding household hazardous waste and pollutants are directed to minorities and low incomes interests.

APPENDIX D – Additional Federal documentation (if applicable)
[Need to add Placeholder for link to policy -- to be provided by D&I]

A. Agency-specific federal reporting requirements

B. Executive Order 11246 (OFFCCP regulations)

These requirements are not applicable to DEQ



Business Case for DEQ Environmental Data Management System

Department of Environmental Quality

Date: June 29, 2018

Draft Version: 2.0

Business Case – Authorizing Signatures

PROPOSAL NAME AND DOCUMENT VERSION #	DEQ Environmental Data Management System (EDMS), v1.4		
AGENCY	Dept. of Environmental Quality (DEQ)	DATE	June 29, 2018
DIVISION	Central Services	DAS CONTROL #	
AGENCY CONTACT	Angel Gillette	PHONE NUMBER	(503) 229-5673

The person signing this section is attesting to reviewing and approving the business case as proposed.

<i>This table to be completed by the submitting agency</i>	
Agency Head or Designee	
(Name)	(Date)
Richard Whitman	
Signature	
Agency Executive Sponsor	
(Name)	(Date)
Richard Whitman	
Signature	
Agency Chief Information Officer (CIO) or Agency Technology Manager	
(Name)	(Date)
Travis Luckey	
Signature	
State Data Center Representative, if required by the State CIO	
(Name)	(Date)
Signature	

<i>This Section to be completed by DAS Chief Information Office (CIO) IT Investment and Planning Section</i>	
DAS CIO Analyst	
(Name)	(Date)
Signature	
State CIO	
(Name)	(Date)
Signature	

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1 Executive Summary

DEQ created a high-level business case and achieved Stage Gate 1 from OSCIO in February of 2017. Since then, business analysis for water quality permitting, solid waste and air quality permitting were performed. DEQ created a more detailed Business Case and a high-level Project Management Plan and achieved Stage Gate 2 from OSCIO in February of 2018. DEQ plans to finish the Solution Requirements for the core business processes and go to RFP for the EDMS software solution in July of 2018. DEQ plans to achieve Stage Gate 3 from the OSCIO in November of 2018. Immediately following that milestone, DEQ will begin the implementation to complete the core system build which will include critical functionality needed to support DEQ’s permitting and business processes.

This business case and associated documentation builds off the previous Stage Gate by examining in closer detail the three alternatives to procuring, implementing, operating, and maintaining a new Environmental Data Management System (EDMS) for the Oregon Department of Environmental Quality (DEQ).

Once DEQ receives responses from vendors and chooses an EDMS solution vendor, the vendor costs will be updated accordingly. Currently, the estimated cost for the EDMS project is \$7.8M (not including contingency funds) and spans until December of 2020. DEQ anticipates adding additional functionality after December of 2020 to gain the overall functionality of the system. The additional work after December 2020 is out of scope of this project and will be considered other project(s).

The project follows the state’s stage gate process. Any additional scope to the project and system functionality will be implemented once the core system and business functionality has been proven successful and the stage gate process is complete. The Core System Implementation will include specific functionality needed by DEQ and build a scalable foundation for the future. Specific scope details for the core system and future functionality implementation will be determined in Stage Gate 3 (see section 5.2, “Recommendations,” specifically, 5.2.1, “Implementation Strategy, Timeline, and Budget,” for details).

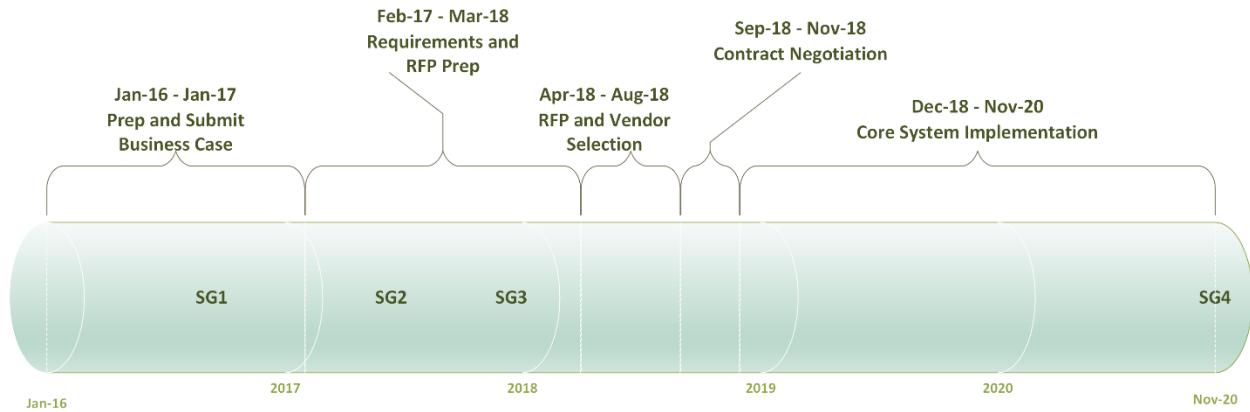
After the core functionality is successfully in place, DEQ will evaluate additional functionality based on business value, complexity, and effort to determine what additional items will be implemented. Additional functionality added after the core system implementation is outside of the current project scope.

Below is a brief overview of the cost and other high-level details associated.

EDMS Estimated Project Cost (\$ in 1000s)	07/01/17 - 06/30/2018	07/01/18 - 06/30/2019	7/1/19 - 6/30/2020	7/1/20 - 6/30/2021	Total Estimated Cost
GF Per Year	782.15	440.29	-	573.80	1,796.23
Bond Per Year	-	3,193.09	2,743.61	2,056.81	7,993.50
Total Est. \$ Per Year	782.15	3,633.38	2,743.61	2,630.61	9,789.74
GF Per Biennium	1,222.44		573.80		1,796.23
Bond Per Biennium	3,193.09		4,800.41		7,993.50
Total Est. \$ Per Biennium	4,415.53		5,374.21		9,789.74
GF + 15% Contingency	1,405.80		659.87		2,065.67
Bond + 15% Contingency	3,672.06		5,520.47		9,192.53
Total/Biennium + 15% Contingency	5,077.86		6,180.34		11,258.20

The following high-level timeline shows the stages of the initial phase of core system implementation.

Environmental Data Management System High Level Timeline



1.1 Strategic Value

The EDMS project represents great strategic value for the agency. DEQ is federally mandated to provide the following services to Oregonians:

- Reporting
 - 40 CFR 3 Cross-Media Electronic Reporting Rule (CROMERR)
- Air Quality: Clean Air Act
 - 40 CFR 70:71 State/Federal Operating Permit Programs
 - 40 CFR 60 (NSPS) Standards of Performance for New Stationary Sources
- Water Quality: Clean Water Act (CWA)
 - 40 CFR 122 NPDES
 - 40 CFR 127 NPDES Electronic Reporting
- Land Quality: Resource Conservation and Recovery Act, 42 U.S.C. 6901 et seq. (1976)
 - 40 CFR 270 - EPA Administered Hazardous Waste Permit Programs

The EDMS project meets DEQ's strategic business needs and is alignment with the following DEQ Information Resource Management strategic objectives:

- Strategic Goal 1: "Supporting our stakeholders"
- Strategic Goal 2: "Stewardship of the enterprise IT resources"
- Strategic Goal 3: "Enhancing information security"
- Strategic Goal 4: "Invest in our workforce and partnerships"

This project supports the Office of the Governor Executive Order 09-10 regarding "Regulatory Streamlining" by creating a single portal whereby electronic reporting to the DEQ will be easily facilitated, allowing multiple programs and divisions to receive reports and documentation (official records) through the same process, and using the same infrastructure.

The EDMS project supports the Office of the Governor Executive Order 06-02 regarding "Sustainability for the 21st Century" by reducing (with the eventual goal of eliminating) paper report and document submittals by regulated entities. Some reports include more than 100 pages of information, and sometimes multiple copies are required.

This project is in alignment with the following Governor's priority, "Responsible Environmental Stewardship". Oregon's natural environment is not only beautiful, it is essential to our economy and quality of life. When Oregon's environment is healthy and strong, so is our collective future.

This project would also prepare DEQ for implementation of new rules proposed by the governor as part of the Cleaner Air Oregon plan by establishing an efficient framework for environmental permitting and reporting. The EDMS could easily be enhanced to support new requirements, rather than trying to expand environmental regulations while still relying on dated systems and inefficient processes.

Please see "Appendix A: EDMS Strategic Goals and Objectives" for more information on the Director's Vision, Governor's Orders, and other related plans and/or mandates that the EDMS project is in alignment with.

1.2 Value to Customer

DEQ issues approximately 16,700 water, land, and air quality permits, operating certificates, and licenses to municipalities, service providers, businesses, industrial facilities/sources, and even some homes that fall under certain codes. DEQ also fields an average of 450 records requests per month. There will be approximately 400 DEQ users of the EDMS system.

The EDMS solution has the following benefits:

- Process Improvements including but not limited to - Staff Utilization; Streamlines Processes and business process improvement; support for e-commerce; reduced processing times; improved internal controls; achieved policy objectives; and a more stable IT environment.
- New or Enhanced Services including: customer support; access to information; reduced paper-based dependency; and reduced postal dependency.
- Increase Public/Stakeholder Satisfaction by: Legislative or regulatory compliance; more timely information; and streamlined processes.
- Decrease the median time it takes to issue renewals of individual federally-based air and water permits from a* days to b* days
- Decrease the backlog of permit renewals from x* many permits to y* many permits

*a, b, x, y will be determined at later stage

1.3 Leverage Potential

The EDMS project is an enterprise level project and will provide services to the Land, Water, and Air programs across the entire agency. There is medium potential that the EDMS service and/or product may be leveraged by other external state agencies. DOGAMI and State Lands are currently looking at e-permitting solution options.

1.4 Risk

The EDMS project is a medium risk to the state and regulated community if it is not offered. Doing nothing to equip the agency to face existing mission-critical problems, to protect against the risk of noncompliance, and to plan for the changing requirements beyond today's capabilities, as current systems become increasingly outdated, will likely increase the risk to DEQ over time. Risks include the following:

- Continued risk of legacy system resources, and very high level of general risk associated with aging systems
- Elevated costs due to high levels of resources needed to support current and redundant systems and processes, compounded by low staff levels
- Difficult and time-consuming modifications, which are needed to code in response to federal changes
- Increased potential for compliance issues, e.g., NPDES.
- Significant possibility of system failure as support staff retire from state service
- Use of shadow systems, which creates a high risk of inadvertent disclosure of confidential employee information and contributes to potential compliance issues through inconsistent processes
- Lost opportunity to use today's advanced technologies to establish a base for future growth, and reap subsidiary efficiencies from other processes relying on environmental data/information
- Increased likelihood of higher implementation costs if a replacement solution is delayed

1.5 Financial: Return on Investment / Cost Avoidance

Although implementation of an EDMS solution will address many critical problems, there is not currently an immediate expectation of positive cash flows. The solution is assumed to be an additional cost for the first two biennia.

Investment in an environmental data management system (EDMS) will meet DEQ's clear need for a shared modern technical platform for data management and business process management across the agency. A more up-to-date, integrated system will streamline data sharing and workflows and increase staff productivity. As a result, DEQ could more easily meet regulations, decrease permit backlogs and the median time it takes to create permit, and provide quicker and more meaningful communication with external stakeholders. DEQ staff will decrease overhead cost by supporting one consolidated system vs. the over 100 currently supported systems.

2 Purpose and Background

2.1 EDMS Overview

Environmental data is mission critical at DEQ. Ensuring the overall quality of life in Oregon is supported by a healthy, productive, and beautiful environment requires up-to-date and accurate environmental data and functional and efficient management systems.

However, there has been, and continues to be, a critical need to update key IT systems at DEQ that are underperforming. The agency's current portfolio of environmental data systems does not meet many of DEQ's current and emerging business and technical needs. Some of the most urgent issues and needs regarding the current state include the following:

- Systems are aging and increasingly difficult to use and maintain. Several mission-critical IT systems at DEQ are 15 years old or older and are considered technically obsolete. They are no longer supported by hardware and software vendors, making maintenance more expensive.
- Systems are siloed. Core permitting, invoicing, and environmental data-capture systems were each created to serve the different program needs of the Water Quality, Air Quality, and Land Quality programs and do not provide needed cross-program integrations. This makes needed data sharing difficult or impossible. Dozens of separate systems must be maintained, which has also proven to be time consuming and costly.
- Lack of integrated, standardized technology across the many systems has led in some cases to duplicate data entry and laborious data transfers to produce mandated state and federal reports and data exchange. The activity of reporting to internal and external stakeholders is time consuming for the agency when it could be streamlined and more automated.
- In response to systems that do not meet agency needs, staff have developed workarounds in the form of smaller Access databases, Excel spreadsheets, and Word documents, which contribute to the siloed and unstandardized nature of the systems. In some cases, confusion surrounding the systems creates additional business and workflow issues.
- Current systems will not support the addition of electronic invoicing and payment, which has been identified as a key future need.
- As DEQ's staff size has decreased in recent years, inefficient systems create additional work for current staff. Today's more efficient systems streamline workflows and lessen workload stress caused by fewer filled positions.
- Inefficient systems have also contributed to slower permitting work and a significant backlog in permit renewals at DEQ. The state in recent years has recommended DEQ work to improve its permitting processes to address permit backlogs.
- Lack of a unified system and system limitations have contributed to DEQ's compliance issues with federal mandates for electronic reporting, and systems will not easily accommodate new federal electronic reporting regulations, such as a new set of the EPA's E-Reporting rules scheduled to take effect in 2020.

These and other factors (detailed in the following section 2.2, “EDMS Project Background,” and section 3, “Problem and Opportunity Definition”) create a host of hurdles and inefficiencies for the agency as it works to meet the needs and requirements of many business areas in which environmental data services play a role. These problems also hinder important permitting activities and engagement with the public, regulated community, state and federal partners, and others who interact with the agency or rely on its data and information.

Investment in an environmental data management system (EDMS) will meet DEQ’s clear need for a shared modern technical platform for data management and business process management across the agency. A more up-to-date, integrated system will streamline data sharing and workflows and increase staff productivity. As a result, DEQ could more easily meet regulations, decrease permit backlogs, and provide quicker and more meaningful communication with external stakeholders.

Modernizing DEQ’s core environmental data systems has been a steady process of careful analysis and planning. In anticipation, DEQ has been coordinating closely with the Oregon Department of Administrative Services (DAS), the Office of the State Chief Information Officer (OSCIO), Enterprise Security Office (ESO) and Department of Justice (DOJ). The agency has set the groundwork needed to move the project into the next stage toward the end goal of a new, modern EDMS. This research and preparation is covered in detail in the following background sections.

2.2 EDMS Background

A strong business driver behind an EDMS solution is to help DEQ continue to provide and improve upon the vital services and protections for the health and well-being of Oregon’s citizens and environment, which includes:

- Monitoring environmental conditions; Promoting programs to ensure that Oregon’s air, water, and land are restored and protected; Responding to environmental emergencies; Working with regulated entities to ensure compliance with environmental laws using a combination of regulatory tools, technical assistance tools, and enforcement.
- This also includes honoring agreements with the US Environmental Protection Agency (EPA) to regulate in support of the Resource Conservation and Recovery Act, the Clean Air Act, the Clean Water Act, and the Comprehensive Environmental Response and Compensation and Liability Act (or Superfund).

In addition to supporting these core services and functions, a new EDMS will focus squarely on the agency’s core work of issuing water, air, and land quality permits, operating certificates, and licenses to municipalities, service providers, businesses, and industrial facilities.

DEQ regulates approximately 16,700 permittees, licensees, and certificate holders. Each permit, certificate, and license varies in its requirements and complexity. DEQ issues permits for discharges into water, emissions into air, and disposal of waste; issues licenses to professionals including asbestos abatement contractors, onsite septic system installers, and underground storage tank workers; and certifies wastewater system operations. Entities vary in size and scope, from small businesses to large industrial facilities and publicly traded companies. In addition to businesses, there are regulated open burning permits and permits for homeowners with onsite septic systems, wood stoves, or asbestos.

DEQ invoices regulated entities to collect fees associated with permits and authorized activities. DEQ has varying terms and conditions for the issuance and remittance of these invoices, though all invoices are issued using a paper bill via mail. The agency receives payment by check or direct cash payment made in person at one of DEQ's offices (since DEQ currently has very limited means for receiving payments electronically).

Many of the permits require regulated entities to report on specific activities and pollutants. Timing for reporting requirements ranges from daily to annually, depending on the permit. Complexity ranges from a brief narrative to large amounts of technical data. Reports vary in format, but are mainly paper submissions. In addition to permitting, the environmental data are used to develop ambient and site-specific characteristics that support the permitting programs (e.g., discharge monitoring reports).

DEQ also performs inspections to ensure that regulated entities are complying with requirements of the associated permit(s). The inspections require planning and coordination to ensure that the work can be conducted in a thorough and thoughtful manner and to ensure that DEQ is fulfilling the requirements of partnership agreements in place with the EPA. Approximately 2,000 inspections are conducted across the state each year.

DEQ uses many business systems of varying size to support its water, air, and land programs. However, these environmental data systems are together failing to satisfy a majority of DEQ's business and technical needs and, in some cases, are creating the problems themselves.

2.2.1 EDMS Research

The originating business case for an enterprise system approach began as a response to the EPA's Cross-Media Electronic Reporting Rule (CROMERR). DEQ contracted a vendor in 2014 to bring the agency into compliance with the then-new guidelines. As part of the research for that project, DEQ explored whether it was feasible to expand the project to include additional business processes beyond electronic reporting in order to address wider issues with agency systems.

After this exploratory phase, the agency decided to broaden the focus of the original CROMERR project and pursue a larger-scale effort. This new project incorporated business needs from the original CROMERR project while seeking out enterprise solutions to meet additional needs and mandates that would soon be required, such as electronic reporting for water permits and electronic manifest generation for hazardous waste. This is when the EDMS project as it is currently known began.

DEQ began formally researching commercial solutions available for an EDMS suite in early 2015. The EDMS Research Project Team, which was convened by the DEQ Advisory Information Technology Managers (DAITM) for the market research project, released a request for information (RFI) in February 2015 to gather information from vendors with possible solutions. The goal of the RFI process was to gauge how well available products met DEQ's high-level requirements for the EDMS, how much customization would be required with a commercial system, and the approximate costs associated with implementing and licensing such a system.

After receiving RFI responses from eight vendors and performing follow-up, the research team chose to see demonstrations from three. Live demonstrations took place in March 2015 and showed that there were COTS solutions on the market that could meet the majority of DEQ's outlined requirements. The research team also sought information from other states that had implemented similar systems in

recent years. The team reached out to representatives of environmental permitting agencies from at least 26 states with a variety of systems. The agency held formal interviews with officials from Alabama, Indiana, Mississippi, and Wisconsin, with the goal of learning more about possible systems, vendors, costs, and lessons learned. Through these interactions, DEQ found that states with more robust teams of in-house developers are generally more able to build and maintain custom systems for environmental data needs; however, many states leverage configured COTS environmental data software systems for electronic permitting (water, air, and land), electronic invoicing, compliance and enforcement, and other business areas like DEQ's.

Based on this initial market research, the team drafted its recommendations in May 2015, which set the direction for the following phases of the project and the subsequent business case. The group determined that the DEQ should pursue a COTS solution, as a proven COTS product would allow DEQ to achieve the goals of the project without the issues or limitations imposed by custom development. Other factors that led to the COTS determination included the estimated high cost of ownership of a custom system, lack of available resources to support a custom system, inexperience at DEQ with this level of enterprise solution, and alignment of COTS systems with the state's historical operating methods and administrative and legislative vision. The report concluded that there were available COTS EDMS systems that could meet most of DEQ's needs, and that DEQ should pursue a configurable COTS system that would require minimal customization. DEQ spent 2016 using the information gathered to prepare a business case for Stage Gate 1 endorsement, which was granted in early 2017.

Following Stage Gate 1 endorsement, DEQ spent much of 2017 formally mapping and documenting the inputs and outputs of the agency's business processes and information systems. This work informed the further development of business process improvements and requirements for an EDMS solution. Analysis efforts specifically focused on three major divisions of DEQ that will utilize the EDMS: Water Quality, Land Quality, and Air Quality. Dozens of subject matter experts from these divisions as well as DEQ headquarters were interviewed by analysts dedicated to the project.

Research included documenting existing processes, systems, workflow inputs and outputs, and state and federal compliance needs for business processes associated with many DEQ programs, focusing largely on Individual NPDES, Solid Waste, Title V and ACDP, and other programs that use and contribute to the agency's environmental data. Analysts found that key tasks for staff across the agency require additional steps and additional time because data management systems are inefficient and not integrated. Additional work is required for tasks related to data transfer, reporting, communication, and permitting, and some programs have developed unofficial workaround measures. As a result, productivity is slowed, work backlogs continue to grow, and reporting to external stakeholders is cumbersome and time intensive. Current- and future-state DEQ systems, processes, and high-level requirements are outlined in section 3, Problem and Opportunity Definition.

In late 2017, DEQ conducted additional research on the latest commercial offerings for EDMS systems. Research was conducted online, via phone interviews, and during information-gathering sessions with representatives of other state agencies, product vendors that submitted RFI responses in 2015, and internal stakeholders. Throughout the process, DEQ collected details about available alternatives for COTS systems, implementation and maintenance costs, subscription and licensing fees, and hosting options. A financial analysis of these approaches was performed and is summarized in section 4, Alternatives Analysis.

2.2.2 EDMS Timeline

- **Early 2014:** DEQ contracted a vendor to help bring the agency into compliance with the EPA's Cross-Media Electronic Reporting Rule (CROMERR).
- **March 2014:** DEQ published a Business Case for the CROMERR and eDMR Project.
- **Jan. – May 2015:** DEQ's Advisory Information Technology Manager group convened the EDMS Research Project Team to research COTS EDMS systems, a four-month project.
- **Feb. 2015:** The EDMS Project Charter was published, and the EDMS Research Project Team issued an RFI, which garnered responses from eight vendors.
- **Feb. – April 2015:** DEQ interviewed four state agencies (Alabama, Indiana, Mississippi, and Wisconsin) and had follow-up correspondence.
- **March 2015:** Three vendors that submitted RFI responses gave demonstrations to DEQ.
- **May 2015:** DEQ published its IT Strategic Vision. The EDMS Research Project Team published the EDMS Recommendations report.
- **2016:** DEQ compiled and analyzed information gathered during 2015 research efforts and drafted its Stage Gate 1 business case for the EDMS project.
- **Jan. 2017:** The Stage Gate 1 business case was completed and submitted on Jan 23.
- **Feb. 2017:** The EDMS project earned Stage Gate 1 endorsement on Feb. 1.
- **May – Nov 2017:** DEQ performed in-depth analysis to define requirements for the EDMS system, working with subject matter experts from the Water Quality, Land Quality, and Air Quality divisions.
- **Nov. – Dec. 2017:** Building off prior research, DEQ researched the alternate approaches currently available for an EDMS solution. After defining and prioritizing solution requirements and selection criteria, a financial analysis of the alternate approaches was performed.
- **Feb. 2018:** Detailed business case documentation was submitted to DAS/OSCIO for Stage Gate 2 endorsement. The EDMS project earned Stage Gate 2 endorsement on Feb.9.
- **Jun. 2018:** DEQ will sign agreement with independent Quality Assurance vendor.
- **Jul. 2018:** EDMS vendor RFP posted in ORPIN.
- **Nov. 2018:** EDMS vendor implementation begins.
- **Nov. 2020:** EDMS core implementation complete.

2.2.3 EDMS Governance

The EDMS Steering Committee will provide project governance in the next stage of the project (for more details on the committee's governance structure, see the committee's charter on file). In addition, the DEQ Leadership Team and EDMS Project Champion Team will also provide leadership and guidance in the next stage of the project.

- DEQ Leadership Team: This group is comprised of the DEQ Director and deputy director, section and region administrators, legal representation, and managers. It provides executive leadership for the development of the EDMS solution. Several of the members of this administrative team are part of the EDMS Steering Committee, as well.
- EDMS Steering Committee: This group is comprised of the DEQ Director who is also the Project Sponsor, several region and section administrators and managers. It provides guidance and steering for the EDMS project including the development of EDMS Strategic Goals.
- EDMS Project Champion Team: This team will consist of managers who are involved in the processes and systems that will be included in the first phase of the project, once that is determined. They will champion the project and will help with change management, determine the precise scope, and provide access to many of the subject matter experts needed to make the project a success.

2.2.4 EDMS Stakeholders

Project stakeholders include:

- Program areas: Administration of policy, training, and business procedures for program operations
- Field staff: Inspectors, permit issuers, support specialists
- Compliance and Enforcement staff: Oversight of formal and informal compliance and enforcement processes
- Information Services: Security, operations, and maintenance of systems implemented by vendor
- Information Services project management: EDMS project governance and technical leadership
- EDMS governance groups: Environmental Quality Commission (EQC), EDMS Steering Committee, DEQ Leadership Team, and EDMS Project Champion Team
- Regulated community: environmental permit holders in Oregon (an estimated 20,000 facility representatives), with varying reporting requirements to associated state programs and, in some cases, federal environmental programs
- DAS State Procurement Office: Coordination and contract administration
- DOJ Procurement Office: Coordination and contract administration
- Enterprise Security Office: Finance and security requirements
- DAS/CIO: Procurement and contract administration, quality oversight, budget approval, interface to Legislative Fiscal Office
- Citizens of Oregon

Additional details regarding stakeholder communications and engagement can be found in the EDMS Project Management Plan.

2.2.5 EDMS Subject Matter Experts

The project team includes users representing the various groups impacted and areas affected by the system. Programs supported by the new system are across the agency and include Water Quality, Air Quality, Land Quality, Laboratory, and Business Systems Development. Program areas that will interact with the new system include:

- Permit writers/issuers
- Compliance and enforcement staff
- Inspection staff in the field
- Managers responsible for program operations and policies
- Central Service Division staff handling invoicing and payments received
- Technical staff who maintain interfaces to existing and legacy systems
- GIS specialists who support program areas
- Program staff responsible for defining business rules
- Program staff responsible for implementing new business rules resulting from new state or federal legislation

2.2.6 EDMS Strategic Goals and Objectives

The EDMS project aligns with the DEQ's agency-wide goals and objectives, which are referenced in the EDMS Project Charter.

See also "Appendix A: EDMS Strategic Goals and Objectives" for more information on the Director's Vision, Governor's Orders, and other related plans and/or mandates that the EDMS project is in alignment with.

3 Problem or Opportunity Definition

3.1 Problem

DEQ issues approximately 16,700 water, land, and air quality permits, operating certificates, and licenses to municipalities, service providers, businesses, industrial facilities/sources, and even some homes that fall under certain codes.

The agency has developed and implemented enterprise-scale software in the past five years (namely CEM and ACES). However, each media division—Water, Land, and Air—uses separate systems for the key processes of permit management, invoice generation and payment tracking, inspection tracking, and entity management (information regarding the location, corporation, contacts, etc.).

Program-specific issues and business needs are detailed in three business analysis projects completed in 2017, one for each of the three major DEQ programs (Water, Land, and Air). For a more detailed discussion of opportunities described for each program, see section 2.3, “EDMS Research.”

Core environmental data systems do not currently support all DEQ business areas, lack a common architecture, and are not integrated or interoperable. Systems range in age from relatively new (a year or less) to obsolete (15 to 20 years), with most of the critical system being over 10 years old. The agency uses a range of technologies, and systems are no longer supported by hardware and software vendors. The lack of system integration also creates additional work related to data transfers, reporting, and communication between staff, thus increasing the potential for errors. To meet business needs currently unmet by core systems, program staff have developed workaround tools (e.g., Access databases, Excel spreadsheets, file sharing systems) to serve as technological stopgaps, data repositories, and shadow systems to fill gaps left by underperforming program-specific systems.

These inadequate and aging IT systems are one factor that has contributed to the federal compliance and permit backlog issues DEQ is currently experiencing. DEQ had a 3rd party analysis of the water quality permitting program completed in the 15-17 biennium. This water quality report known as the MWH Report stated that for over 15 years DEQ has faced persistent and chronic permit renewal backlogs. The MWH Report also noted the NPDES (National Pollutant Discharge Elimination System) permit backlog is the second worst in the nation. In addition to the MWH report, the Secretary of State completed an audit on the Air Quality Permitting Process at DEQ in January of 2018. The audit reports that 45% of DEQs largest and most complex air quality permit renewals are in backlog status. Permitting backlogs frustrate businesses and put DEQ’s credibility at risk. Backlogs can deter businesses from moving to Oregon and expanding in the state. The audit also states the Federal Permitting Improvement Steering Council recommends permitting agencies develop and track metrics on the time it takes to reach milestones, or phases, within permitting processes.

DEQ analysis has shown that overworked staff are taking longer to complete tasks using cumbersome systems that don’t readily provide the data or functionality they need. Outdated permits and late inspections increase risks to human and environmental health by increasing the risk that facilities are not meeting current environmental quality standards and that violations are going undetected.

3.2 Opportunity

The implementation of a modern COTS EDMS solution will provide DEQ the opportunity to improve employee productivity, improve data consistency, reduce operational complexity, and increase internal controls by enabling standardization and automation of business processes. It will also better support the DEQ’s decision-making by providing a robust repository of data available to all users for analysis and reporting through modern, user-friendly tools.

The EDMS project represents the opportunity for specific standardization and improvements. Below, you’ll find a chart of some of the intended outcomes of the EDMS project.

Intended Outcomes	To or For Whom
Programs use permit systems that are compatible to the degree possible	DEQ
Have standardized electronic reporting accessible to DEQ staff and EPA	DEQ and EPA
Migrate information off of legacy systems	DEQ
Complete the project within the budget	DEQ
Complete the project within the project schedule	DEQ
Project utilizes and supports the QA vendors quality control processes	DEQ
Complete with a scalable foundation for future phases	DEQ
Have standardized electronic reporting accessible to regulated community	Regulated Community
Have standardized electronic reporting accessible to public/partners	Public
Decrease the median time it takes to issue renewals of individual federally-based air and water permits from <i>a</i> * days to <i>b</i> * days	DEQ, Regulated Community
Decrease the backlog of permit renewals from <i>x</i> * many permits to <i>y</i> * many permits	DEQ, Regulated Community
Report data following the CROMERR rules (EPA’s Cross-Media Electronic Reporting Rule)	Federal Government

*a, b, x, y will be determined at a later planning stage.

The EDMS Steering Committee has begun to determine the overall EDMS Strategic Objectives which will also help define EDMS opportunities. The current EDMS Strategic Objectives are as follows:

- EDMS is a system that helps us efficiently and responsibly meet environmental standards
- EDMS is a system that serves as a unifying platform to support staff in meeting our service objectives
- EDMS is a system that helps provide easy access to information for all users, including diverse and under-represented populations
- EDMS will reduce manual processes

- EDMS is a system that facilitates sustaining informed and engaged relationships with tribes and Oregon’s communities
- EDMS is a system that reflects and supports strong, effective internal business practices for our core functions, for instance permitting and invoicing
- EDMS is a system that reflects centralization, standardization and sustainability of IT resources

The EDMS project also provides DEQ the opportunity to consider possible efficiencies provided by new cloud technology that would allow the EDMS system and related components to be hosted and maintained by a third party as a Software as a Service (SaaS). Commercial service providers have expanded their available cloud offerings to include the entire traditional IT stack of hardware and software infrastructure, middleware platforms, application system components, software services, and turnkey applications. DEQ will evaluate advantages of these technologies to improve resource utilization (e.g., eliminate data entry), increase service responsiveness (e.g., replace mail with electronic communication), and accrue meaningful benefits in efficiency, agility, and innovation (e.g., expanding and adapting business processes). Cloud computing holds the potential to deliver public value by increasing operational efficiency and responding faster to constituent needs (e.g., public portals allow for more transparency and quicker access to data without taking up staff time to search physically for the information). As the agency transfers to the cloud, the EDMS project will also reference as a guiding standard the Federal Cloud Computing Strategy for agencies modifying their IT portfolios in order to take advantage of the benefits of cloud computing.

The implementation also presents an opportunity for DEQ to accomplish more with its decreasing staff size. The agency has lost 124 authorized positions, or 16% of its allowed workforce, since the 2001–03 biennium, when 866 FTEs were authorized. For the 2017-19 biennium, 724 FTEs were authorized. Because DEQ is also slow to fill vacancies, only 616 FTE positions are currently filled. As a result, staff are often overworked and struggle to complete their workload, according to a recent Secretary of State audit of the Air Quality division’s permitting processes.¹ Remaining staff are facing workloads and technology challenges that, in some cases, have led to backlogs. The project will streamline business processes, improve workflows, and reduce or eliminate redundant data handling. Agency staff will have more time to do their jobs, respond to stakeholders, and interface with the public. Work backlogs will be reduced, and permit processing will be accomplished more quickly.

3.2.1 Overview of Problems and Opportunities for Improvement

Table 14. Overview of significant problems identified in three business analyses in 2017, with potential opportunities for improvement through implementation of an EDMS.

¹ The same audit of the Air Quality division highlighted the backlog issue and found that 43% of the largest and most complex Air Quality permits are overdue, with some backlogged for years. “Department of Environmental Quality Should Improve the Air Quality Permitting Process to Reduce Its Backlog and Better Safeguard Oregon’s Air,” Oregon Secretary of State, Audits Division (January 2018 - 01). [LINK](#).

ID	Problem	Opportunity for Improvement
1	Core business systems are near or beyond their expected end of life.	Update and integrate DEQ business systems into an outcome-based enterprise model. ² Fully realize systems life cycle management.
2	Variable technologies are in use, and some are no longer supported by hardware and software vendors.	Implement a COTS solution that leverages current technologies and is support by a vendor. Standardize and improve business process while reducing operational complexity across programs. Implement governance structure for enterprise systems versus siloed systems.
3	Data are not shared between Air, Land, and Water programs. This can lead to duplication of work if data that may be helpful to other programs is not readily available (as paper filing is the official record format). Additionally, it prevents a view of multi-program impact to an environmental system. The lack of system integration also creates additional work related to data transfers, reporting, and communication between staff, thus increasing the potential for errors.	Improve data consistency and provide better visibility for all environmental data across all major DEQ programs. Integrate program data using a common platform and shared entity management.
4	Workaround tools are prevalent and often inconsistently used between regions or even individuals.	Systematically address program needs to eliminate the need for extra tools for data tracking or analysis.
5	It is difficult for DEQ to provide timely and accurate information to stakeholders.	Provide ad-hoc query and report capabilities to authorized staff, with future capability to add an online self-service portal.

² Some system applications slated for replacement in the agency's 2015-17 budget, namely WQSYS (which handles water quality permitting and invoicing) and CROMERR (which would have provided electronic reporting for some entities through a federal data exchange) are able to be subsumed by the enterprise EDMS system.

ID	Problem	Opportunity for Improvement
6	There is an increasing need for public availability of DEQ environmental data (e.g., air toxics data under Cleaner Air Oregon).	Increase public access to a variety of DEQ data, decreasing staff time spent fulfilling records requests while protecting sensitive information.
7	Permit application processes are largely dependent on paper forms and manual data entry.	Transition to electronic permit application, including e-signatures, from regulated entities.
8	Manual data entry into multiple systems is required.	Leverage direct entry by applicants/regulated entities for applications and compliance reporting. Through a common platform, maximize data sharing and systems integration to minimize data that must be re-entered once it is in the system.
9	DEQ is not able to accept electronic payment of application fees or annual fees.	Implement online payment capabilities (e-commerce) for DEQ programs.
10	DEQ is out of compliance with federal mandates for electronic reporting.	Utilize technology and business rules to help bring DEQ into compliance with federal mandates for electronic reporting (e.g. CROMERR), including those anticipated to come about in 2020. ³
11	Compliance monitoring (e.g. DMS, discharge monitoring) is not well integrated with DEQ's compliance and enforcement system (ACES).	Fully integrate program-specific compliance monitoring reports with DEQ's enforcement system.
12	There is limited capability for electronic compliance reporting, and it is variable between program areas.	Provide electronic entry of compliance reporting data for all supported permit/authorization programs, with data saved directly to databases.

³ Looking to the near future, in December 2020, DEQ will also have a new set of NPDES submission guidelines to begin reporting to the EPA, including, but not limited to: General Permit Reports, Biosolids Annual Program Reports, Concentrated Animal Feeding Operation (CAFO) Annual Program Reports, Municipal Separate Storm Sewer System (MS4) Program Reports, and other NPDES reports listed in 40 CFR section 127.16. Existing systems do not easily accommodate these functions.

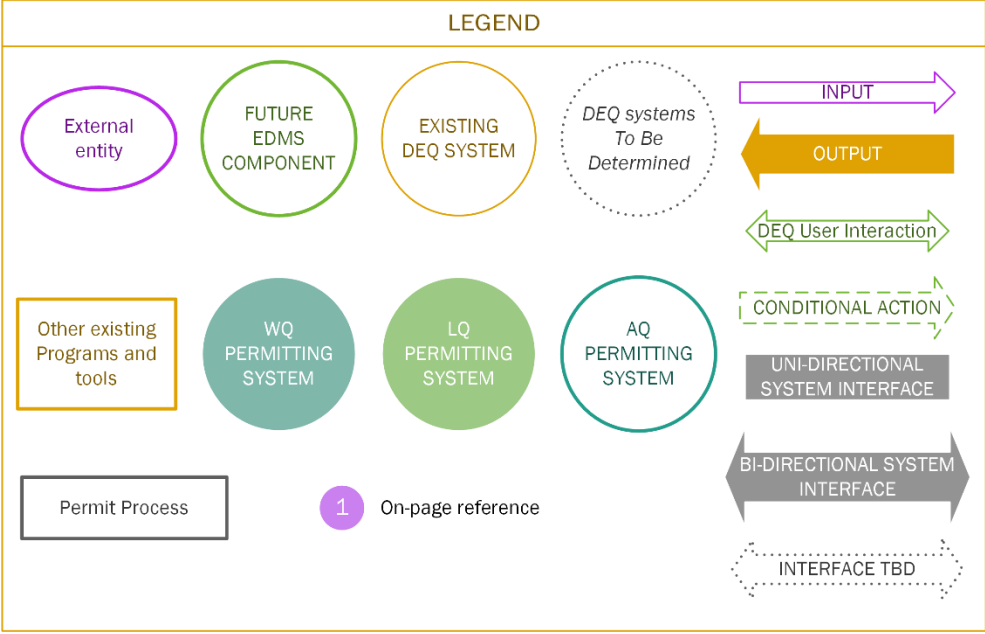
ID	Problem	Opportunity for Improvement
13	Known business areas are not supported by current permitting and compliance/enforcement systems.	Address currently unsupported program areas (including the underground injection control, asbestos abatement, pretreatment, and biosolids programs).
14	It is difficult to audit timeliness measures for permit activity during a given period.	Implement new permitting system with robust data structure and display of known DEQ timeliness measures for permit activity.
15	It is difficult to search permit documentation, much of which is kept in paper files.	Integrate with electronic document management to allow search functionality.
16	There is a lack of consistent, integrated geospatial location data for regulated entities.	Integrate EDMS with DEQ entity management and/or GIS.
17	A single regulated entity may receive multiple invoices from DEQ.	Centralize invoicing across programs as they are brought into the EDMS.

3.3 Current and Future State

In 2017, a team of third-party business analysts mapped the first level of data input and output flows for selected business processes and related systems that fell under the general EDMS scope. Some processes that may in later stages fall under the EDMS purview were not analyzed and mapped, but most in-scope processes and systems were. The resulting documents detailed business and technical needs. These were compared against DAITM’s 2015 results and recommendations and then turned into high-level solution requirements. All documentation from the 2017 analyses are available for review. Below is a snapshot of the current state business process map and the future state, as envisioned thus far. These are followed by an outline of the high-level requirements that were developed as a result of the combined current- and future-state analyses.

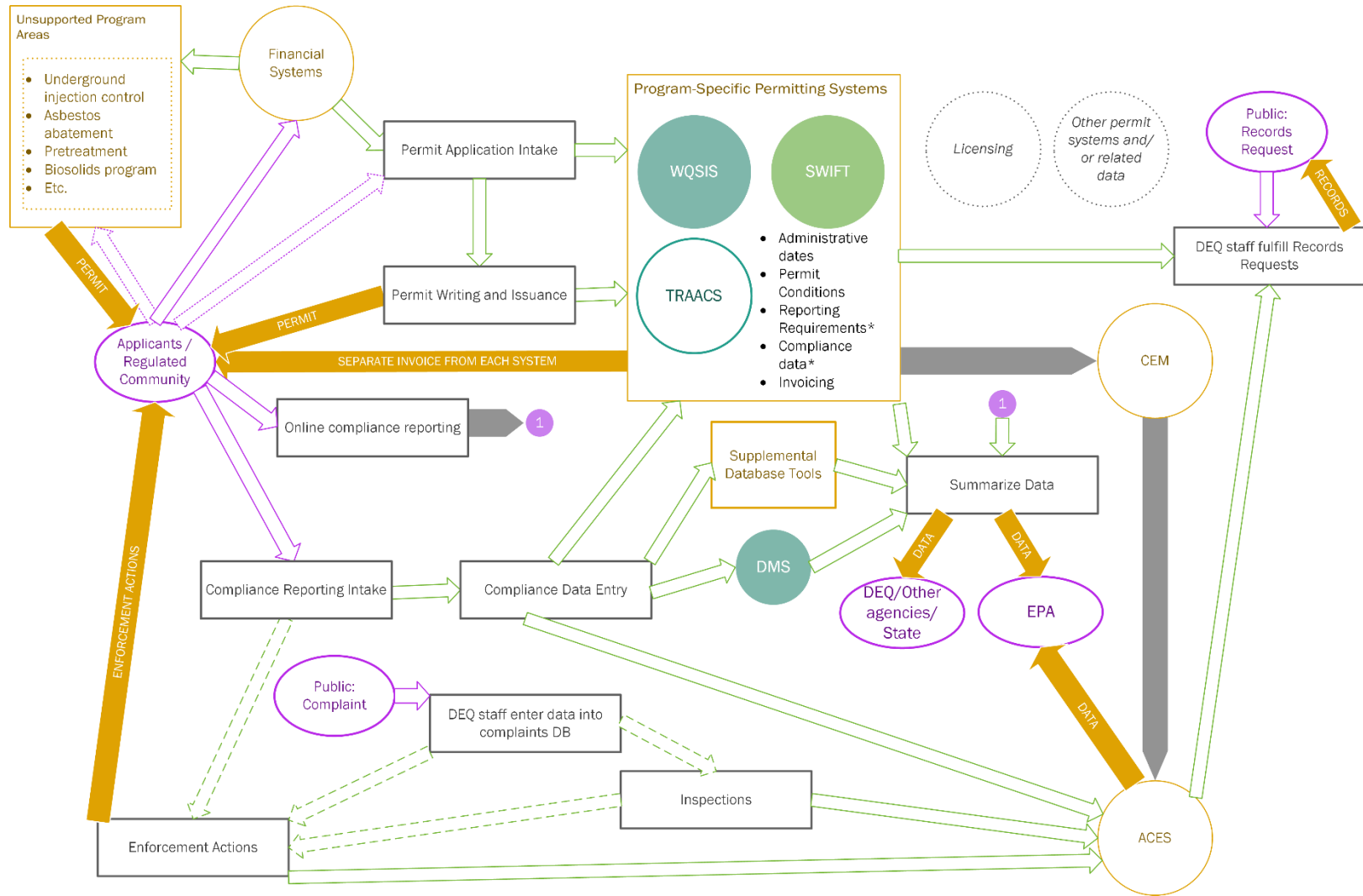
3.3.1.1 Current and Future State Diagram Legend

The following pages use these symbols to represent EDMS system components.



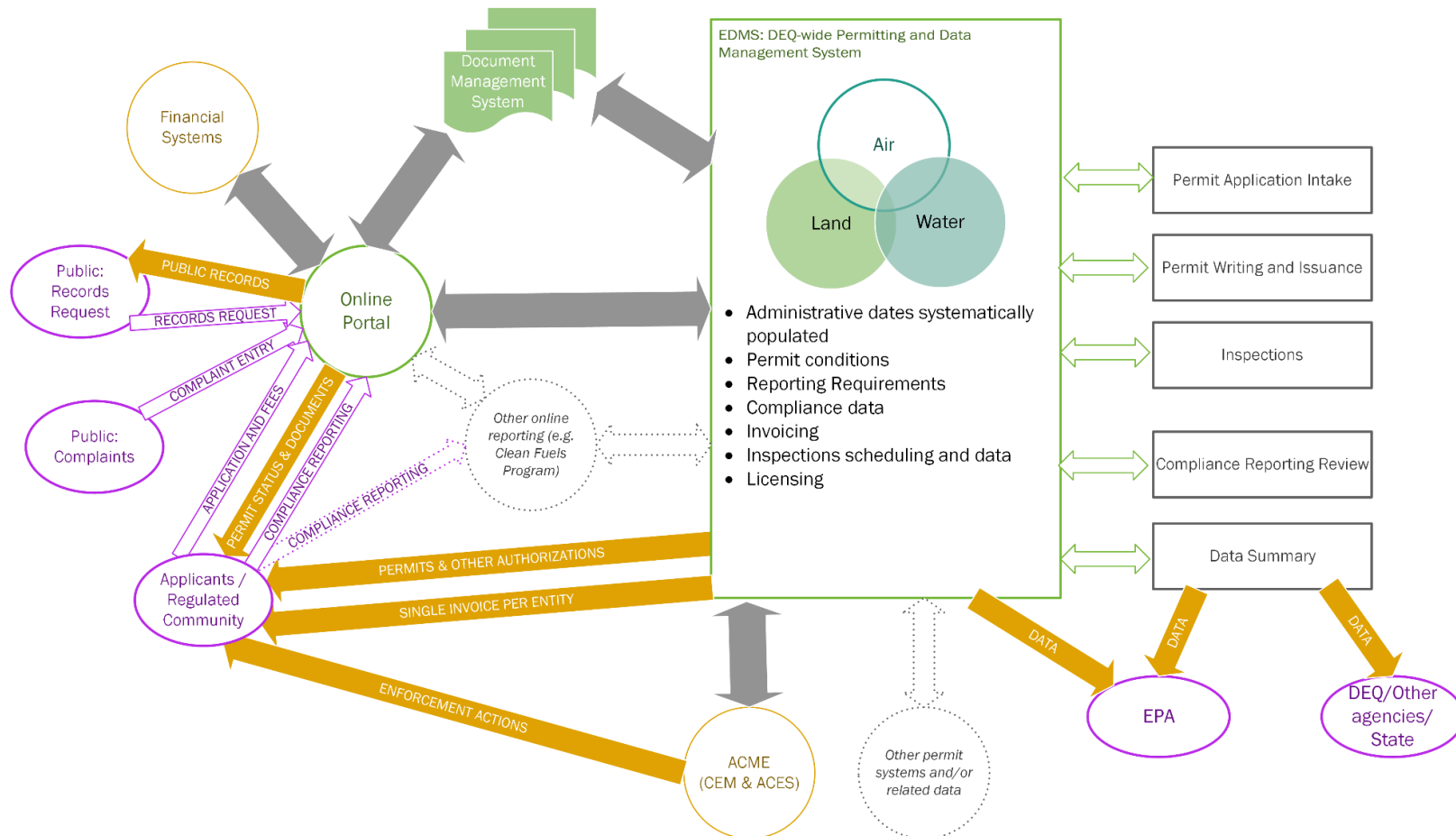
3.3.2 Current State Diagram

Figure 1. Below is a high-level overview of major processes and systems included in 2017 business analyses completed for Water, Land, and Air programs. Note that there are alternate scenarios, additional program areas and systems not shown here that contribute complexity and, in many cases, lead to additional staff effort. This is not a comprehensive view of DEQ programs, systems, or processes, and items not included in this figure do not indicate exclusion from the EDMS implementation



3.3.3 Potential Future State Diagram

Figure 2. Below is the potential future state diagram of DEQ permitting processes and systems, incorporating an EDMS for permit administration and data management, integration to an enterprise document management system, integration to CEM and ACES, and online access for regulated parties to pay fees, submit applications, and submit compliance reporting. Note that this is only one possible future state, and the scope of the EDMS will be refined in future project phases. This high-level overview does not include all systems and program areas that may be included in the EDMS implementation.



3.4 Solution Requirements

Based on the current state diagram and future state vision of the EDMS environment, the following are the high-level categories for the system's functional and nonfunctional solution requirements, to be further refined and reprioritized in the next stage.

A more comprehensive list of high-level solution requirements with descriptions and further detail is provided in "Appendix B: Solution Requirements."

- Centralized entity and facility management integration
- Centralized invoicing and accounts receivable
- Compliance and enforcement management integration
- Data management
- Data validation
- Discovery management
- Document management integration
- Mobile technology
- Online portal for applicants and regulated community
- Online public portal
- Permit and license administration
- Reporting to EPA
- Workflow management

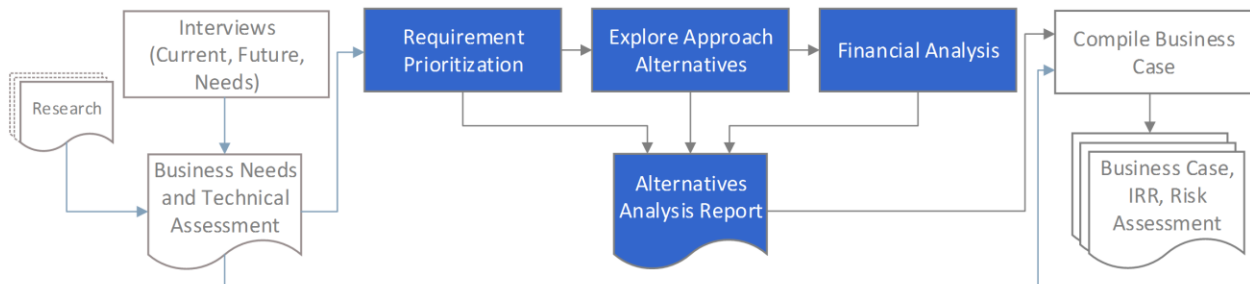
4 Alternatives Analysis

4.1 Overview

The Alternatives Analysis builds off information developed during the business needs and technical assessment, with a focused effort on understanding alternate approaches for an EDMS system based on solution requirements and other selection criteria. This section presents those alternatives identified for further evaluation. Major factors considered include:

- Key business drivers presented in sections 2, Purpose and Background, and 3, Problem or Opportunity Definition
- Functional and technical requirements developed and vetted by the project team
- High-level evaluation criteria addressing project considerations, such as the fit to and consistency with State of Oregon strategic goals, overall degree of risk, long-term support requirements, and others
- Cost estimates, including planning, RFP, implementation, and long-term operational needs

The diagram below illustrates the broad view of the documentation workflow model that was used for this alternatives analysis (research and analysis processes related to the alternatives analysis in blue).



4.2 Assumptions

The assumptions below are reflected in the implementation schedule and cost calculations for each alternative analyzed.

- In Stage Gate 3, DEQ will pursue the procurement of a configurable commercial off-the-shelf (COTS) environmental data management system that best meets the business and technical requirements for the agency.⁴ Today, more than a few states leverage the third-party COTS packages to meet the state’s business and technical requirements, either on-premises, cloud computing, a hybrid of services, and in many cases, all three. However, the agency may need to adopt the system’s business processes to simplify, consolidate, and make consistent with DEQ’s business processes, and one vendor’s COTS product suite may not meet all necessary DEQ solution requirements.

⁴ Commercially available off-the-shelf (COTS) items as defined by the Department of Defense: [LINK](#). See also, [2.101](#). Unless indicated otherwise, all of the policies that apply to commercial items also apply to COTS items. Section [12.505](#) lists the laws that are not applicable to COTS items (in addition to [12.503](#) and [12.504](#)).

- The EDMS project will be a multiyear project with phased implementation by function and program area.
- DEQ will negotiate an appropriate implementation period with the successful bidder, taking into consideration adequate time for data conversion and migration, testing, and training with the resources available from both DEQ and the vendor.
- DEQ will hire an independent Quality Assurance contractor.
- A stringent scope management and competitive system evaluation effort will eliminate or minimize system customizations.
- If data management for a DEQ program can be reasonably consolidated into EDMS, it will be, with data and systems centralization as a priority. However, a narrowed scope and phased approach and shorter timeline will reduce project risks, provide quick project successes, maintain stakeholder attention, and allow the agency to efficiently learn updated software lifecycle project skills.
- The time between development phases will be further defined in the next stage of planning.
- IT investments for maintaining and in some cases improving legacy systems may need to occur until a future EDMS phase incorporates the systems' business process. Current agency IT systems and solutions are to be supported and maintained until the replacement system is implemented.
- The EDMS Steering Committee will be the EDMS governance group that will lead the system selection and procurement and through the multi-phase implementation. This group will be empowered to make recommendations on allocation of approved resources, operational decisions, etc. (see EDMS Project Charter and EDMS Steering Committee Charter). The EDMS Steering Committee will be supported by two governance groups, the EDMS Project Champion Team and DEQ Leadership Team.
- The EDMS Project Team will be adequately resourced, and assigned staff will have availability that does not conflict with the project plan.
- DEQ technology standards include Microsoft technology with SQL server databases, which are supported in-house by IT staff.
- Additional applications may be needed to supplement the COTS solution, and the EDMS governance group will review the analysis of benefits of purchasing modules versus custom in-house and/or contractor development.

4.3 Alternatives Identification

In Stage Gate 1, after a detailed analysis and recommendations report, the agency decided to pursue a COTS solution over a custom-built solution. Some of the drawbacks of a custom-built solution were the estimated high cost of total ownership, lack of available DEQ staff resources for solution maintenance, inexperience with this level of enterprise solution, misalignment with state's IT vision/strategy, etc. (see section 2.2, "EDMS Research"). After determining that a COTS solution was preferred, two primary alternatives were identified to compare against the do-nothing approach.

Alternative	Description
Alternative 0	Do Nothing
Alternative 1	COTS on-premises hosting
Alternative 2	COTS cloud-based software as a service (SaaS) hosting

4.3.1 *Alternative 0: Do nothing*

The “do nothing” alternative is not a logical option for the agency, nor one it intends to pursue, for the following reasons:

- Core systems related to environmental data—especially those that support business processes such as permitting, invoicing, and external reporting functions—are past their lifecycle and, in some cases, are no longer supported by the vendor. The agency does not have resources and processes available to allow for easy, adaptable customization and deployment. Core system functionality needs to be updated, preferably under the guidance of a unified data model and integrated suite of systems.
- Doing nothing would continue the use of disparate systems and outdated business processes. The cost of operating and maintaining more than 50 distinct systems connected to and associated with the agency’s current environmental data management systems would increase over the baseline budget and eat into resources and administrative costs.
- With IT staff burdened with ongoing maintenance, the agency would lose opportunities to modernize and adapt to more efficient environmental data management methodologies. Difficult and time-consuming modifications would need to be developed in response to federal changes. There would be a continued high level of risk associated with end-of-life systems.

See the table of outlined problems/opportunities in section 3.3, Overview of Problems, for an overview of current issues confronted by staff, stakeholders, and public that would persist if the “do-nothing” alternative were selected.

4.3.2 *Alternative 1: On-premises hosting*

The table below outlines available options if hosting the EDMS solution on-premises:

On-premises Option	Description
<i>Option A: State Data Center (SDC)</i>	Under the typical on-premises implementation model, the COTS solution is hosted on SDC servers, and the SDC is responsible for hardware and operating system software maintenance. Services include the installation of software patches, interface maintenance, disaster recovery, and necessary upgrades to the software,

<i>hosted delivery</i>	with minimal vendor support. The COTS vendor typically provides upgrade releases and supports the agency with issue and defect fixes as part of normal annual maintenance. It is generally not in scope for SDC staff to maintain the software and provide software services beyond their standard hosting service level agreement.
<i>Option B: Vendor-hosted delivery</i>	In this case, this COTS solution is hosted on-premises at the vendor’s data center(s) and operated by vendor staff. This vendor on-premises model is normally a managed service model in which the vendor installs the EDMS software in its physical data center on dedicated hardware and then—with minimal expected state support—takes responsibility for all hardware and software maintenance, including the installation of defect fixes, disaster recovery, and necessary software upgrades. The vendor generally provides services to upgrade the hardware and software on a regular schedule, including database administration, and takes primary responsibility for issue resolution and defect fixes as part of a hosting fee. The model can also include annual software maintenance.
<i>Option C: DEQ-hosted delivery</i>	Whether DEQ Laboratory data center hosting options are in or out of scope will be determined in the next project Stage Gate (SG3) after vendor responses to the RFP are evaluated and per OSCIO analyst guidance. In this document, hosting fees and services fall within the same financial model identified for SDC, vendor-hosted, and SaaS alternatives and are not separated in the costing.

4.3.3 Alternative 2: Software-as-a-service (SaaS) hosting

Market and state research conducted by DEQ revealed companies that offer competitively priced cloud-based computing resources specifically geared for environmental data management (processors, storage, software, etc., for permitting, compliance, data monitoring, and other extendable modules specific to air, land, and water). After demonstrations, follow-up interviews, and further research, many of DEQ’s business and technical needs appear to be supported by current-day software functionality.

Companies with EDMS-specific solutions offered the full range of common cloud-computing service delivery models:

- Platform as a Service (PaaS)⁵
- Infrastructure as a Service (IaaS)⁶
- Software as a Service (SaaS)

This alternatives analysis focuses squarely on the latter of these three service models, SaaS, in which state clients lease a third-party vendor’s virtual systems with preinstalled application software, or they

⁵ With PaaS, the user leases a virtual machine and is responsible for the full software stack, including operating system, data repository, application, and so on. The service provider may provide network and firewall services.

⁶ With IaaS, the user leases a virtual machine with a standard set of system software already installed and is responsible for installing and maintaining the application software.

simply lease access to the software.⁷ The software is centrally hosted, accessed over the web, and licensed on a pay-as-you-go, subscription basis.

SaaS has proliferated as a business model over the past decade, and there are signs to suggest that this growth is likely to continue or even accelerate in the near future. By hosting single-versioned software coupled with supplementary delivery and maintenance services, SaaS vendors have been able to differentiate product offerings from that of traditional on-premises software. Because of the significant attention from software providers and users across industries, SaaS development has become a competitive environment. This has translated beneficially for clients, as SaaS developers are in a constant process of developing their SaaS applications to minimize cost and improve client satisfaction.⁸

Observing this new SaaS trend of business delivery model and its cost benefits, more government organizations are transferring varying amounts of business to SaaS. From a business perspective, this new delivery model means a new approach to total cost of ownership: licensing, implementation, distribution, configuration, and operating with enterprise applications that employ the traditional IT infrastructure and deployment models.

Typically, SaaS includes the following components:

- COTS solutions in a SaaS model are located outside of state data centers and made available via the internet. The data is separately secured for state clients, but the physical instance and operation of the hardware and software application is shared with other vendor clients.
- The vendor takes responsibility for system operation and maintenance, including upgrades. The agency is often responsible for providing/testing data, identifying configuration conflicts, working with vendor to submit change requests, implementing business process changes, etc.
- Generally, this model requires a subscription fee, and clients operate in accordance with the vendor's baseline software, and thus use a shared configuration. The vendor is responsible for the technical aspects of the software implementation, training the state project team, and assisting in the technical support for state project team activities.
- Clients and SaaS providers need to establish a Service Level Agreement (SLA) to define the quality of service.

4.4 Selection Criteria and Alternatives Ranking

Given the identified alternatives discussed above, referencing past research and solution requirements, below are selection criteria for evaluation the hosting alternatives of a COTS EDMS solution. Criteria were assigned a color-coded numerical rating. Numerical ratings were based on the agency's assessment of alternatives against the DAS mission and goals statements and the functional requirements list, vendor-supplied features and costing information, and vendor interviews/product

⁷ Ralph F. Grove, Jr., "Cloud Computing," AccessScience (McGraw-Hill Education, 2016), <https://doi-org.proxy.lib.pdx.edu/10.1036/1097-8542.963500>.

⁸ Shiliang, Wortmann, Chee-Wee, "A pricing framework for software-as-a-service," Fourth edition of the International Conference on the Innovative Computing Technology, Aug. 2014, 152-157, DOI: 10.1109/INTECH.2014.6927738.

demonstrations. In measuring the alternatives, a scoring system was used to gauge the extent to which a particular option satisfies a particular element of the selection criteria. Ratings were associated points.

4.4.1.1 Selection Criteria Evaluation Matrix

1	Does not satisfy criteria
2	Partially satisfies criteria
3	Substantially satisfies criteria

ID	Criteria	Description	Alt 0	Alt 1	Alt 2
1	Compatibility	System will meet the core EDMS functional and nonfunctional requirements.	1	3	3
2	Expandability	System will be incrementally expandable and modular.	1	2	2
3	Time to deliver	System will be implemented and in use ASAP.	1	3	3
4	Maintainability	System will not be overly difficult or costly to maintain.	1	2	3
5	Data Manageability	System will improve overall data management, e.g., data quality, security, sharing, and so on.	1	3	3
6	Cost	System will have a low total cost of ownership.	1	2	3
7	Benefit	System will have a measurable benefit over time.	1	3	3
8	Risk	System will have low, mitigatable risk.	1	2	2
	Totals		8	20	22
	Solution Rank		3	2	1

A full analysis of each criterion for each alternative is given in its own section below.

4.5 Alternatives Assessment

The following sections outline in more detail each alternative, providing approach-specific assumptions, benefits, risks, and costs, as well as discussions on organizational alignment and impact, if applicable.

For all COTS alternatives, software costs cover the standard integrated solution as defined during the procurement process, which may include the basic system, supplemented with various modules, or that the vendor may provide as one integrated solution. The cost to maintain the new software is based on the average cost and functionality that potential vendors provided. Actual cost, functions, etc., may differ.

4.5.1 Alternative 0: Do nothing

Doing nothing offers few benefits and forces DEQ to divert resources from daily activities to address ever-increasing needs to create/maintain data manually with no ability to enhancement core systems.

ID	Criteria	Description	Score
1	Compatibility	Current state does not satisfy current or future requirements.	1
2	Expandability	No viable options for expandability, except through costly customizations involving preexisting systems, workarounds, and shadow systems, as has been the standard practice.	1
3	Time to deliver	Current state is not maintainable in the long-term. Core permitting systems are scheduled to be replaced, programs are being caught up, and electronic reporting to the EPA are occurring within at least a 2- to 3-year timespan to keep pace with new reporting rules. Expect continued increase in maintenance costs over base budget.	1
4	Maintainability	The need to maintain old systems increases over time as resource support decreases.	1
5	Data Manageability	The state does not have good visibility into DEQ data systems, which do not easily share data and are hard to audit. The regulated community mail applications, checks, inquiries via paper-based submissions and phone calls for inquiries. Reporting to internal and external stakeholders is manual and time-intensive, made more difficult by current systems. Data are siloed.	1
6	Cost	High resource costs spent on paper-based, legacy systems. Increased costs for software workarounds maintenance costs will continue to increase, consuming resources. Administrative costs increase. The agency loses opportunities to excel as staff are burdened with ongoing maintenance and legacy systems.	1
7	Benefit	Ability to maintain close to current staff levels.	1
8	Risk	Doing nothing to equip the state to face existing mission-critical data-related problems, to protect against the risk of noncompliance, and to plan for the changing requirements beyond today's capabilities, as current systems become increasingly outdated, will likely increase the risk to the state over time. See "Appendix C: Risk Analysis" for general and alternative-specific risks.	1
	Totals		8
	Solution Rank		3

4.5.2 Alternative 1: On-premises hosting

The on-premises option is the traditional deployment method using non-cloud infrastructure and technology; however, it often includes virtualization options. Also, more options for installation locations are available under this alternative. If this alternative is chosen in the next stage gate, a more detailed analysis would be required to ensure DEQ understands the implications for choosing the appropriate hosting location.

ID	Criteria		Score
1	Compatibility	Market research shows COTS solutions have potential functionality to meet or exceed current business and technical requirements. Some COTS solutions however can include functionality that may not be relevant to DEQ. Unwanted and unneeded functionality can bloat the product and pricing. Implementation of a system not specific to an environment typically requires greater operational changes for an agency, which can decrease morale and productivity.	3
2	Expandability	Market research shows that module add-ons are available, but with increased risk and cost if not planned for in advance, as state-interviews showed that added customization in later stages of development increases unanticipated time and materials.	2
3	Time to deliver	The EDMS effort will be phased to onboard program functionality incrementally and modularly. Core system implementation has been estimated to fall with Feb. 2018 – Nov. 2020. For more details, see section 5.2.1, “Implementation Strategy, Timeline, and Budget.”	3
4	Maintainability	Unlike the SaaS option, the state is directly responsible for all aspects of the system. The state provides facility security, resources and management of assets. As such, multiple organizational units would need to be heavily involved with this approach.	2
5	Data Manageability	Overall data quality, security, and sharing would be improved.	3
6	Cost	The agency anticipates total on-premises costs to be slightly higher than SaaS costs. See “Appendix D: Alternatives Analysis” for detailed cost flow projections, net cash flow, and the financial model for the total cost of ownership.	2

ID	Criteria		Score
7	Benefit	<p>A COTS EDMS aligns with business and technology strategy and meets many of the business requirements.</p> <p>By leveraging an off-the-shelf solution, implementation can occur within a shorter timeframe.</p> <p>COTS EDMS solutions are more likely to be “hardened” (more stable) and include functionality beyond DEQ expectations or requirements. Adds additional services to SDC for income (without Departments/ Agencies using SDC services, it will not reach ROI).</p> <p>System and Data security would be directly managed by State of Oregon on in-house hardware.</p> <p>Stable costs for budgeting/planning.</p>	3
8	Risk	<p>Vendor-provided upgrades provide lower cost maintenance, which reduces state risk through the vendor’s provision of software maintenance fixes. Vendor participation on the implementation team provides configuration expertise, and the availability of vendor support staff as a consulting resource to DEQ staff in the maintenance of the software also reduces DEQ risk.</p> <p>See “Appendix C: Risk Analysis” for general and alternative-specific risks.</p>	2
	Totals		20
	Solution Rank		2

4.5.3 Alternative 2: Software-as-a-service (SaaS) hosting

Procuring and implementing a SaaS EDMS would be an approach where the EDMS would be hosted by the vendor at their datacenter or certified/approved affiliate facilities, such as [Amazon Web Services](#) or [Microsoft Azure](#). Modern datacenters, commonly called referred to as “cloud-based,” provide in conjunction with the product vendor a mostly “hands off” service.

ID	Criteria		Score
1	Compatibility	Research shows compatibility with requirements; however, the pros and cons of this delivery model must be addressed to mitigate issues posed by the delivery model. For example, some COTS solutions include functionality that may not be relevant to DEQ. In SaaS models, a baseline version is typically shared among clients for a subscription fee. Oregon DEQ, along with other vendor clients, would operate in accordance with the vendor’s baseline software, and thus DEQ would use a shared configuration, and the level of compatibility could vary. While the SaaS model removes direct decision making from DEQ, DEQ could benefit from other client requests for updates/enhancements. Software improvement occurs more regularly with the subscription without much extra work or decision deliberation on DEQ’s part. Unwanted and unneeded functionality can also bloat the product and pricing. Implementation of a system not specific to an environment nearly always requires greater operational changes within an agency, which can decrease morale and productivity.	3
2	Expandability	Market research shows that module add-ons are easily available, but with increased risk and cost if not planned for in advance, as state-interviews showed that added customization in later stages of development increases unanticipated time and materials.	2
3	Time to deliver	The EDMS effort will be phased to onboard program functionality incrementally and modularly. Core system implementation has been estimated to fall between Feb. 2018 – Nov. 2020. For more details, see section 5.2.1, “Implementation Strategy, Timeline, and Budget.”	3
4	Maintainability	State and vendor maintenance options available. Migrating from a traditional on-premises model to the cloud model reduces the maintenance complexity and related costs for state customers. Costs are shared with other SaaS vendor clients. Because system maintenance is a significant part of the responsibility of the SaaS technical staff, state clients are more likely to have up-to-date and secure computing infrastructure supporting applications.	3
5	Data Manageability	Overall data quality, security, and sharing would be improved.	3

ID	Criteria		Score
6	Cost	<p>The agency anticipates total SaaS costs to be slightly lower than the on-premises alternative costs. See “Appendix D: Alternatives Analysis” for detailed cost flow projections, net cash flow, and the financial model for the total cost of ownership.</p> <p>In general, cloud services are metered, and pricing may be based on the number of servers in use, central processing unit (CPU) cycles, memory space, disk space, or other measurable characteristics of the resources in use.</p> <p>Typically, there are only nominal up-front costs and no ownership of the resources.</p> <p>Leasing SaaS resources rather than purchasing computer equipment eliminates significant start-up costs for new projects.</p> <p>State avoids capital investment required to build computing infrastructure and apply it to other business needs instead.</p> <p>Because of economies of scale, service providers can purchase and operate computing equipment for a lower cost than most businesses.</p> <p>With lower operating costs (which users pay as rental costs), state clients using cloud services also save staff costs since the third-party-vendor handles most of the support for computing infrastructure.</p> <p>There are a variety of subscription models associated with SaaS models focused on the capabilities that EDMS requires. Models range from monthly to annual.</p> <p>See “Appendix D: Alternatives Analysis” for detailed cost flow projections, net cash flow, and the financial model for the total cost of ownership.</p>	3

ID	Criteria		Score
7	Benefit	<p>A SaaS EDMS is aligned with the IT business strategy of the agency, state, and federal government, and most of the agency’s business requirements can be met by this approach, but DEQ must weigh this with the SaaS subscription model.</p> <p>By leveraging a SaaS solution, implementation can occur within a shorter timeframe. SaaS EDMS solutions are more likely to be “hardened” (more stable) and include functionality beyond the expectations or requirements of the agency.</p> <p>By having the product vendor host the product themselves, there is reduced strain on resource needs associated with maintaining regulation compliance and providing support.</p> <p>Cloud-based applications can acquire and release computing resources as needed in response to changes in business caused by special events or normal business cycles. Leasing computing resources from the cloud means being able to add resources as needed to meet peak workloads and release them immediately afterwards.</p> <p>Stable costs for budgeting/planning. Being able to rely on the elasticity of the cloud also reduces the effort involved in capacity planning.</p>	3
8	Risk	<p>The SaaS solution has been a proven model for the state in other enterprise COTS implementations and has the lowest implementation risk of the considered delivery configurations because the vendor absorbs implementation and overall operations risks.</p> <p>However, ownership of the solution is off-site and the solution must operate on a shared baseline. The risks associated with SaaS are both traditional and evolving. The agency not only has to be aware of the common risks categories associated with this scale and scope of project in the given timeline (budget, external dependencies, management, complexity, etc.), but adding cloud computing brings with it the three primary risks or challenges for users of cloud services: dependability, vendor lock-in, and managing inter-cloud interaction.</p> <p>There are also new upcoming FAA communications rules and other yet-unknown aspects associated with this option, which can be properly mitigated through careful planning and management.</p> <p>A more detailed analysis must be performed on the level of effort for integrations in/out of SaaS to DEQ hosted systems, but an initial risk assessment has been made for SaaS, see “Appendix C: Risk Analysis” for general and alternative-specific risks.</p>	2
	Totals		22
	Solution Rank		1

4.6 General Costs

Determining appropriate costs and timeline for the implementation and ongoing maintenance of a COTS EMDS solution were developed and documented through a financial analysis of alternatives and approaches, past RFI responses and follow-up correspondence, state and vendor interviews, State Data Center (SDC) hosting rates, and online research (see section 2.2, “EDMS Background” for more details) before the Stage Gate 2 endorsement was earned. DEQ is currently creating an EDMS vendor RFP that will solicit vendor responses and provide more accurate cost estimates.

Below is a brief overview of the cost and other high-level details taking into consideration licensing, initial implementation and configuration, ongoing maintenance, and DEQ staff time.

EDMS Estimated Project Cost (\$ in 1000s)	07/01/17 - 06/30/2018	07/01/18 - 06/30/2019	7/1/19 - 6/30/2020	7/1/20 - 6/30/2021	Total Estimated Cost
GF Per Year	782.15	440.29	-	573.80	1,796.23
Bond Per Year	-	3,193.09	2,743.61	2,056.81	7,993.50
Total Est. \$ Per Year	782.15	3,633.38	2,743.61	2,630.61	9,789.74
GF Per Biennium	1,222.44		573.80		1,796.23
Bond Per Biennium	3,193.09		4,800.41		7,993.50
Total Est. \$ Per Biennium	4,415.53		5,374.21		9,789.74
GF + 15% Contingency	1,405.80		659.87		2,065.67
Bond + 15% Contingency	3,672.06		5,520.47		9,192.53
Total/Biennium + 15% Contingency	5,077.86		6,180.34		11,258.20

See “Appendix D: Alternatives Analysis” for detailed cost flow projections, net cash flow, and the financial model for the total cost of ownership.

4.7 General Benefits

Measurable metrics and target figures are being assigned, not only for the overall project (e.g., costs saved from paperless invoicing), but also for each program-specific migration (e.g., average hours to complete a water quality permit renewal). Below are potential financial and nonfinancial benefit categories of the project.

Note: The following benefit categories are not meant as a comprehensive list. In the next Stage Gate—before and after further QA vendor review and further agency planning, including Steering Committee and project team meetings—the agency will determine the exact number of categories and the respective metrics (e.g., accelerating the target time duration for an average permit, reducing a percent of the backlog, and so on).

Benefit Categories	Examples
<i>Process Improvements</i>	
✓ <i>Staff Utilization</i>	○ Staff time locating files, information, and data in its many digital and analog forms can be reduced and redeployed to daily duties and allow staff availability to help stakeholder and public record access to information.
✓ <i>Streamlined processes and</i>	○ While there will most likely be paper-digital overlap during the transition from the paper-laden system to an electronic data records

Benefit Categories	Examples
<i>business process improvement</i>	<p>management system, the ability to digitally enable business processes, e.g., permitting or compliance activities, can help reduce redundancies, support manualized automated processes, improve data management to unify and track outside consults, labs, and services reporting, etc. This will unify data and information in manageable digital formats to be available for all stages of care.</p>
✓ <i>Support for e-commerce</i>	<ul style="list-style-type: none"> ○ The ability to accept payment online was identified across all programs as a major bottleneck in current business processes.
✓ <i>Reduced processing time</i>	<ul style="list-style-type: none"> ○ The painstaking method of acquiring easily accessible data from the regulatory community data, and providing agency data to other stakeholders and the public, would facilitate meeting State, Federal, and Departmental regulatory and statutory timeframes for reporting (NPDES, NESHAPS, etc.). ○ An EDMS eliminates the time to process the average 200+ monthly annual reports, record requests, and so on much faster. ○ This would promise improved compliance and enforcement scheduling capability.
✓ <i>Improved internal controls</i>	<ul style="list-style-type: none"> ○ Accountability and increased audit compliance & recordkeeping (e.g., accounts payable/receivable, scheduling). ○ Improved ability to correlate grievances, complaints, community inquiry, with executed policy and procedures. ○ Improved evidence-based decision-making capabilities.
✓ <i>Achieved Policy Objectives</i>	<ul style="list-style-type: none"> ○ Stakeholders and the public—and any user of the system—receive better quality & timely services. Better services leads to decreased costs and risks.
✓ <i>More stable IT environment</i>	<ul style="list-style-type: none"> ○ An EDMS solution would promise seamless continuity of services, from permit intake, to compliance, to renewal, modification, and/or termination. ○ Modern software promises more long-term stability than current antiquated, end-of-lifecycle systems and disparate applications and data silos.
<i>New or Enhanced Service</i>	
✓ <i>New or improved service</i>	<ul style="list-style-type: none"> ○ While the EDMS is not meant to completely replace the primary paper data source, it means automated transactions and ability to receive services online with increased ability to maintain data and information with high precision and accuracy, which is difficult to manage with the current disparate paper-record format and records management. A unified digital solution could also provide effective method(s) for teams to collaborate.

Benefit Categories	Examples
✓ <i>Customer intimacy</i>	○ Proper documentation of business needs and technical assessment promotes the ability to understand agency’s requirements for tailored services.
✓ <i>Access to Information</i>	○ Improve decision-making through concurrent access to authoritative and accurate information. Provide capability to integrate information systems with organizations outside of the agency.
✓ <i>Reduced paper-based dependency</i>	○ Moving to a system that uses less paper will help save materials costs.
✓ <i>Reduced postal dependency</i>	○ Moving to electronic payment and reporting systems will reduce costs associated with mailing forms that are not required by law to be sent my mail.
Public/Stakeholder Satisfaction	
✓ <i>Legislative or regulatory compliance</i>	<ul style="list-style-type: none"> ○ More adaptable to law change. (e.g., Cleaner Air Oregon). By modernizing its technology platform for health record data, the agency has an opportunity to become an integral component to the efforts for lowering and containing costs while improving quality and access of services. ○ Support of EPA reporting including CROMERR compliance, data flows for National Environmental Information Exchange, electronic submittals of Discharge Monitoring Reports.
✓ <i>More timely information</i>	○ More effective decision-making ability backed by accurate information.
✓ <i>Streamlined processes</i>	<ul style="list-style-type: none"> ○ Easier for all parties involved within the continuum of care (e.g., agency staff, regulated community, the public). ○ This is an opportunity for identified duplicative business processes to be addressed and issues resolved.
Strategic Alignment	
✓ <i>Directly supports State, Agency Missions or business plans</i>	<ul style="list-style-type: none"> ○ An EDMS solution would improve agency’s ability to meet and promote its mission. ○ Holding to the values of integrity and professionalism, an EDMS solution provides more effective stewardship abilities for staff and administration at the State and Federal level. ○ An EDMS solution promotes the vision of a sustainable business practice surrounding business-crucial environmental data that isn’t weighed down by disparate, manually intensive, paper-digital driven processes and disparate computing systems that don’t share data well.

Benefit Categories

Examples

- **Directly supports R. Whitman’s DEQ Goal 1: Strengthen and restore public confidence that we are identifying and responding to significant threats to public health and the environment.**

- ✓ *Shared services*
 - **There is an opportunity to not only interconnect the regional offices but also connect to the EPA’s Network Exchange.**

4.8 General Risks

General and specific risks associated with the EDMS project and the alternative approaches were analyzed and cataloged in “Appendix C: Risk Analysis.” An initial high-level assessment that is also provided uses the DAS risk worksheet to gauge EDMS risks via the business and technical categories. The assessment gave the EDMS project a medium risk (score of 66 out of 100).

5 Conclusions and Recommendations

5.1 Conclusions

DEQ manages environmental data with antiquated and inefficient systems, and as a result, staff experience numerous problems completing some of the agency's core business functions, including those related to permitting, public data requests, and federally mandated data exchange.

As demands on DEQ have increased, agency-wide and program-specific IT systems have not kept pace nor been able to leverage technology advances now available. These challenges have resulted in a backlog of permits awaiting issuance, modification, or renewal, as well as DEQ non-compliance with federal electronic reporting requirements.

A modern EDMS solution that allows all divisions to efficiently complete tasks and share meaningful data (both internally and with external partners) is vital to DEQ's continued success. Analyses completed in 2017 for each division at DEQ (Water, Land, and Air) documented current business needs and existing issues and duplicate steps in business processes using available systems. Common concerns emerged among the three program areas, including difficulties in data discovery and reporting and inability to accept payments, most permit applications, or most compliance reporting online.

Implementation of a scalable EDMS will allow DEQ to fully meet known and future business needs, streamline business processes, and enhance communication between all DEQ programs. Eliminating paper-based processes will address environmental and storage concerns created by requiring paper documentation. Online tools will streamline business processes and eliminate the need for DEQ staff to manually re-enter data provided by the regulated community.

Increased efficiency will result in improved service to the public and the regulated community, including decreasing permit backlogs, decreasing amount of time required to administer each permit, and providing consistent and complete data to the public. With less need for resources devoted to current inefficient processes and workarounds, more resources will be available for the core work of DEQ, which is to protect public health and establish the conditions under which facilities or individuals may operate.

The agency is already seeing significant changes, as observed throughout the business analysis efforts completed in 2017. DEQ staff have recently retired and vacant positions are unfilled, meaning remaining staff are taking on additional duties. Now is the time to complete the EDMS project to effectively develop a more modern and efficient system. The resulting EDMS will better meet staff needs and allow the entire agency to work more effectively. The resulting benefits, including better permit enforcement, environmental reporting, federal compliance, and public transparency, will allow DEQ to better fulfill its mission.

5.2 Recommendations

In the alternatives analysis, the SaaS delivery model was estimated to be slightly lower in cost and scored higher overall than the on-premises model. At this stage of the analysis, however, these are both suitable options for EDMS, considering the available information on cost, benefit, and risk based on the RFI and follow up reviews. In general, both Alternatives 1 and 2 will provide a cost-saving investment for the state after the initial investment, financial choice and flexibility for changing administrative and legislative goals and objectives, cost transparency at a higher resolution, continuity of improvement with funds, etc. The agency will be better equipped to make a final recommendation based on further comparison and additional knowledge gained from a competitive proposal process that will allow the vendors to propose options for DEQ evaluate.

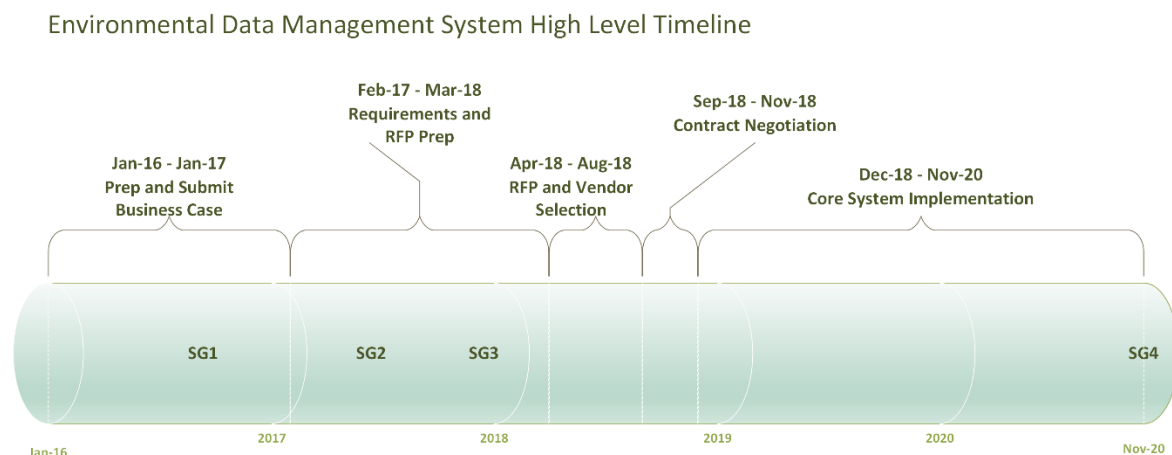
Whichever alternative, transferring to an enterprise COTS system will require a meaningful shift in how the agency approaches business operations for this new IT environment. The agency previously approached its IT software portfolio as an investment in a collection of locally built, owned, and managed systems. Now the agency should evaluate and govern agency-wide systems or services that support employee productivity, improve data consistency, reduce operational complexity, and increase internal controls through standardization and automation of business processes.

5.2.1 Implementation Strategy, Timeline, and Budget

To minimize risk, the EDMS project will be completed in separate phases. Stage Gates 3 through 4 will cover the Core System Implementation of a COTS EDMS solution, which will include specific functionality needed by DEQ and build a scalable foundation for future phases. This will shorten the timeframe for achieving stage gate operational and maintenance status.

Specific scope details for the core system and future functionality implementation will be determined early in Stage Gate 3, after evaluating vendor proposals and utilizing the newly formed project governance structure. After the core functionality is successfully in place, DEQ will evaluate additional modules based on business value, complexity, and effort to determine phasing. This additional implementation after the core system implementation is outside of the current project scope.

The following high-level timeline shows the stages of the initial phase of core system implementation.



The Core System Implementation phase and those that follow will require a thorough business analysis and process mapping for system selection and to migrate business processes from existing systems to the new EDMS environment. This work will include extensive technical analysis to determine feasibility of data migration and formulate plans for implementation. Solution requirements will be defined as critical/mandatory, desirable, or nice to have.

As DEQ completes the project in phases and implements the core business process functions by program area, a Steering Committee will guide the solution. Due to the size and complexity of this project, the agency has been active in forming a Champion Group that consists of managers and subject matter experts from different program areas who will support requirements definition, system selection, and implementation. This group will help supply information to the steering committee and DEQ Leadership Team to inform decision making and remain closely aligned with the agency's Enterprise Information Resource Management Strategy.

DEQ has engaged DAS Procurement in early 2018 to solicit a Quality Assurance and Control vendor to assist DEQ with the RFP process. The agency expects it will take several months to onboard the QAC vendor to assist. DEQ also anticipates resourcing for long-term operational support, maintenance, and enhancement of the system, which is anticipated to last for the lifetime of the EDMS. Maintenance includes vendor assistance and system upgrades (fixes and enhancements). It will require an agency governance team to oversee potential future iterations of EDMS (development, testing and implementation) and adherence to business process standards.

DEQ will also periodically review the current project cost, scope, and schedule against the estimated project cost, scope and schedule for that point in time. In addition to the periodic review of the project status, the EDMS Business Case will be periodically reviewed to make sure the project is in alignment with the overall EDMS strategic goals and general direction. The EDMS Steering Committee, which includes the EDMS Executive Sponsor, will verify project actions are in alignment with both the overall EDMS strategic goals and the EDMS Business Case.

5.3 Consequences of the Failure to Act

Failure to act on this project would deny DEQ the benefits of a modern EDMS solution, leaving the agency with systems that are siloed, aging, and difficult to maintain. All issues, inefficiencies, and duplicate steps identified during 2017 program analyses would continue to hinder and frustrate DEQ staff. A continuation of the current state would perpetuate permitting backlogs and non-compliance with federal reporting requirements. Some programs would be at increased risk of decreased federal funding if non-compliance issues are not resolved. Continuation of the status quo would also encourage further development of inefficient workarounds as DEQ staff develop their own ways to get work done. Lack of a DEQ-wide shared platform would continue to prevent cross-program communication and knowledge sharing.

Failure to pursue an EDMS solution would also deny the agency the opportunity to reap additional efficiencies in other business processes that employ environmental data, as well the chance to modernize the IT environment to support future efforts. A delayed decision will result in accrued technical debt and leave DEQ at risk of increased cost for any solution.

By choosing to pursue the EDMS project, state managers and executives are responding as good stewards of the public trust to address the increasingly urgent need for a modern system that will allow DEQ to efficiently and transparently carry out its mission of environmental stewardship.

6 Signatures

Richard Whitman, DEQ Director & Project Sponsor

Date: _____

Scott Brewen, DEQ Central Services Administrator & Business Owner

Date: _____

Angel Gillette, EDMS Lead and Project Manager

Date: _____

7 Appendix A: EDMS Goals and Objectives

7.1.1 Overview

EDMS is an investment in the health and wellbeing of all. The solution aligns with the following strategic outcomes, goals, and objectives. For more information, see the EDMS Project Charter.

7.1.2 Performance Measures

Intended Outcomes	To or For Whom
Programs use permit systems that are compatible to the degree possible	DEQ
Have standardized electronic reporting accessible to DEQ staff and EPA	DEQ and EPA
Migrate information off of legacy systems	DEQ
Complete the project within the budget	DEQ
Complete the project within the project schedule	DEQ
Project utilizes the QA vendors quality control processes	DEQ
Complete with a scalable foundation for future phases	DEQ
Have standardized electronic reporting accessible to regulated community	Regulated Community
Have standardized electronic reporting accessible to public/partners	Public
Decrease the median time it takes to issue renewals of individual federally-based air and water permits from a^* days to b^* days	DEQ, Regulated Community
Decrease the backlog of permit renewals from x^* many permits to y^* many permits	DEQ, Regulated Community
Report data following the CROMERR rules (EPA's Cross-Media Electronic Reporting Rule)	Federal Government

7.1.3 Office of the Governor Orders

This project supports the Office of the Governor Executive Order 09-10 regarding "Regulatory Streamlining" by creating a single portal whereby electronic reporting to the DEQ will be easily facilitated, allowing multiple programs and divisions to receive reports and documentation (official records) through the same process, and using the same infrastructure.

This project supports the Office of the Governor Executive Order 06-02 regarding "Sustainability for the 21st Century" by reducing (with the eventual goal of eliminating) paper report and document submittals by regulated entities. Some reports include more than 100 pages of information, and sometimes multiple copies are required.

This project would also prepare DEQ for implementation of new rules proposed by the governor as part of the Cleaner Air Oregon plan by establishing an efficient framework for environmental permitting and reporting. The EDMS could easily be enhanced to support new requirements, rather than trying to expand environmental regulations while still relying on dated systems and inefficient processes.

7.1.4 Enterprise Information Resource Management Strategy

The EDMS project aligns with the Enterprise Information Resource Management Strategy (EIRMS) in the following ways: (a) it is an enterprise-oriented, standards-based environmental information gathering system meeting EPA national standards for the acceptance of electronic records; (b) it supports agency priority work by integrating with DEQ's new electronic records management system; (c) it delivers an agency wide portal service that supports the compliance and business requirements of multiple programs within DEQ; (d) it improves employee access to electronic information by enabling collection of electronic data which now requires significant staff time to transcribe from hard copy reports; (e) it supports increased information accuracy by eliminating processing errors associated with hard copy data transcription; and (f) it supports greater information mobility and records access, as the ability to review records will be based on accessibility to the agency computers instead of proximity to the correct file cabinet.

7.1.5 OSCIO Technology Reference Model Framework

The future-state analysis of the EDMS business and technical systems uses the Technology Reference Model as a guiding reference for the model framework and associated requirements, as outlined in the OSCIO.⁹

7.1.6 Director's Vision

In April 2017, Director Whitman published a high-level summary of his vision for DEQ as the agency continues to develop, working toward an agency-wide strategic plan. The draft includes eight key goals, with Goal 5 directly citing the EDMS project. Goal 5 is to "Modernize and improve business processes and data management (EDMS)." The draft document is posted on the Environmental Quality Commission (EQC) web page. An audio of the presentation to the EQC is at <http://www.oregon.gov/deq/about-us/eqc/Audio/041917ItemBDirectorsVision.mp3>.

7.1.7 Information Resource Management Strategic Plan

The Oregon Department of Environmental Quality (DEQ) 2018-2021 Information Resource Management (IRM) Strategic Plan was developed in support of the DEQ Strategic Plan and Natural Resource policy area IRM. The plan describes the IT current state environment and strategic goals, objectives, and outcomes to improve enterprise IT alignment within the agency. The IRM Strategic Plan is a three-year,

⁹ Oregon Office of the State Chief Information Officer, "Technology Reference Model Framework - High Level Overview" (January 3, 2017).

forward-looking approach to advance the use of IT resources to support the mission, goals, and objectives of DEQ and the Governor’s policy area.

The IRM focuses on four common strategic goals and associated objectives to provide agency technology guidance and alignment across the Governor’s Responsible Environmental Stewardship Focus area. The policy area IRM strategic goals are:

- Strategic Goal 1: “Supporting our stakeholders”
- Strategic Goal 2: “Stewardship of the enterprise IT resources”
- Strategic Goal 3: “Enhancing information security”
- Strategic Goal 4: “Invest in our workforce and partnerships”

7.1.8 Federal Cloud Computing Strategy

If the agency moves its IT portfolio to the cloud via SaaS, it will take into careful consideration the federal structured framework and strategic method and approach to cloud migration of its systems.¹⁰

¹⁰ <https://www.dhs.gov/sites/default/files/publications/digital-strategy/federal-cloud-computing-strategy.pdf>

8 Appendix B: Solution Requirements

Below you will find the high level solution requirements categories. The Solution Requirements are organized into three high level categories:

- (1) Permitting Business
- (2) Supporting Services
- (3) Non-Functional / Technical Requirements

An additional level of detail for each category exists and can be found in the full Attachment I: Solution Requirements. This is an excel file and exhibits approximately 625 requirements.

Section	ID	Capability	High-level Solution Requirement
1: Permitting Business	1.1	Permit General Capabilities	General capabilities that enable permitting processes (e.g., integration with DEQ or external systems, specific permit types).
1: Permitting Business	1.2	Permit Applications	Capabilities that support permit applications for current permit types-- creating, modifying, managing, and processing permit applications.
1: Permitting Business	1.3	Permit Writing & Issuance	Capabilities that support permit writing, public notice, and issuance.
1: Permitting Business	1.4	Permit Administration	Capabilities that support permit lifecycle administration, including reporting, modifications, renewals, and administrative extensions.
1: Permitting Business	1.5	Permit Compliance & Enforcement	Capabilities that support C&E activities, including case management, violation tracking and resolution, and access to legacy and historic C&E data.

1: Permitting Business	1.6	Permit Inspections	Capabilities that support permit related inspections associated with different permit phases--applications, renewals, and compliance.
1: Permitting Business	1.7	Permit Reporting	Capabilities that support required permit reporting--C&E reporting from permittees to DEQ, and from DEQ to EPA.
2: Supporting Services	2.1	Identity Management	Capabilities that support identification, authorization, access controls, and related security methods to enable individuals access to the right resources at the right time for valid reasons.
2: Supporting Services	2.2	Centralized Entity and Facility Management Integration	Capabilities that support centralized facility/entity management services for DEQ permitting of regulated facilities, sites, or places in Oregon subject to DEQ regulations or of environmental interest. Solution may rely on / use / synchronize with data captured or stored in existing systems and/or local functionality.
2: Supporting Services	2.3	Financial Services	Capabilities that support ability of applicants, permit holders, and other registered account holders to process, track, and administer invoice and payments for money transfers. This includes the ability to submit payments online and receive receipts via an automated electronic payment system. Business activities involve business units, processes, and workflows that span the permit lifecycle.
2: Supporting Services	2.4	Public Records Requests	Capabilities that support capture and retrieval of permit data for internal and public-facing systems at DEQ that are related to submitted requests for public records related to permitting data/info, helping to provide the DEQ the ability to receive, track, manage, and fulfill those requests.

2: Supporting Services	2.5	Geospatial Support	Capabilities that support the collection, management, and use of geospatial data.
2: Supporting Services	2.6	Electronic Signatures	Capabilities that support electronic acknowledgment and signing processes that apply to multiple processes, including but not limited to internal document reviews, applications, and online payments.
2: Supporting Services	2.7	Document Management	Capabilities that support Document Management includes tools and processes used to capture, classify, query, store, distribute, and dispose of documents including a variety of formats.
2: Supporting Services	2.8	Data Management	Capabilities that support storing and management of data--includes aspects such as handling of private data, data classification and records retention, etc.
2: Supporting Services	2.9	Discovery Management	Capabilities to support searching and access to information across all primary data sources.
3: Non-Functional/Technical Requirements	3.1	Related Laws, Standards	Compliance with all applicable federal and state laws, rules, statutes, and standards.
3: Non-Functional/Technical Requirements	3.2	Interfaces - User	User interfaces--what kind of interfaces will be required for whom and requirements that apply to any of them.
3: Non-Functional/Technical Requirements	3.3	Interfaces – Bulk Transfer	Bulk data import/export capabilities
3: Non-Functional/Technical Requirements	3.4	Interfaces - Programming	Services, programming interface capabilities
3: Non-Functional/Technical Requirements	3.5	Technical Architecture	Technologies, platform, hardware
3: Non-Functional/Technical Requirements	3.6	Platform	Solution shall be a Saas, COTS or MOTS
3: Non-Functional/Technical Requirements	3.7	Hosting	Hosting related

3: Non-Functional/Technical Requirements	3.8	Hardware, Mobile	Support for specific hardware and/or mobile devices
3: Non-Functional/Technical Requirements	3.9	Security	Security methods for sensitive and protected data
3: Non-Functional/Technical Requirements	3.10	Capacity	Current and project capacity for users, facilities, permits, historic records
3: Non-Functional/Technical Requirements	3.11	User Experience	Aspects of the human/machine interface, navigation, etc.
3: Non-Functional/Technical Requirements	3.12	Notifications	Configurable notifications
3: Non-Functional/Technical Requirements	3.13	Workflows	Configurable workflows
3: Non-Functional/Technical Requirements	3.14	Legacy Support	Support for obsoleting legacy systems using selective migration of data to EDMS and interfaces to existing systems or archives
3: Non-Functional/Technical Requirements	3.15	Operations & Maintenance	Features and documentation needed by DEQ IT operations & maintenance team

9 Appendix C: Risks Analysis

The following are general and specific risks associated with the EDMS project and the alternative approaches analyzed.

9.1.1 Risk of Doing Nothing

Doing nothing to equip the agency to face existing mission-critical problems, to protect against the risk of noncompliance, and to plan for the changing requirements beyond today's capabilities, as current systems become increasingly outdated, will likely increase the risk to DEQ over time. Risks include the following:

- Continued risk of legacy system resources, and very high level of general risk associated with aging systems
- Elevated costs due to high levels of resources needed to support current and redundant systems and processes, compounded by low staff levels
- Difficult and time-consuming modifications, which are needed to code in response to federal changes.
- Increased potential for compliance issues, e.g., NPDES.
- Significant possibility of system failure as support staff retire from state service
- Use of shadow systems, which creates a high risk of inadvertent disclosure of confidential employee information and contributes to potential compliance issues through inconsistent processes
- Lost opportunity to use today's advanced technologies to establish a base for future growth, increase organizational IQ, and reap subsidiary efficiencies from other processes relying on environmental data/information
- Increased likelihood of higher implementation costs if a replacement solution is delayed

Although there are no implementation risks with this alternative, there are risks stemming from the inability to meet current and future requirements effectively. This is especially true when it comes to compliance with federal and state rules and regulations.

9.1.2 Initial Risk Assessment Matrix

The initial high-level assessment below uses the DAS worksheet to gauge EDMS risks via the business and technical categories below. Although the COTS EDMS approaches have different risks, the model itself doesn't distinguish much in terms of the risks score; therefore, the two alternatives (on-premises and SaaS) were modeled as one in the basic assessment below, and different risks are outlined individually in the sections below.

EDMS Initial Project Risk Assessment	
Total Project Risk Score	Risk Components

Interim Score	66			
				High Budget Risk
Low				
Risk				Med External Dependencies Risk
1 - 35				
				Med Management Risk
Medium	Score			
Risk	69			High Mission Critical Risk
36 - 72				
				Med Failure Risk
High				
Risk				Low Complexity Risk
> 72				
				Score
Risk Type	Question Number	Risk Question	Answer List	
Budget Risk	1	What is the estimated total project cost?	The total project cost is estimated to be \$7.5 Mil through Dec 2020	5
	2	What percentage of the agency budget does the project represent?	The project is estimated at \$7.5 Mil through Dec 2020. The total DEQ budget is estimated at \$343 Mil. Therefore, the EDMS project is approximately 2% of the total budget.	3 ¹¹
	3	Have sufficient project funds been budgeted and allocated?	Funding is not budgeted or allocated.	5 ¹²
	4	How much confidence is there in the expenditure and funding projections?	Accuracy of budget estimate is at least 50% of the final costs given the research collected from business analysis, vendors and other states. During the RFP process, the budget accuracy will be accelerated to within 10% of the final costs.	3 ¹³

¹¹ From IRM Strategic Document (version 10), DEQ Agency 2015-17 Adopted Budget = \$343,233,149 (includes pass through funds for grants, loans, and bonds over two years). Unofficial figures of EDMS cost over two years were estimated approximately 2% of total budget.

¹² At this time, funding is not available or allocated. DEQ has requested the LFO office ask for funding from General Fund and bond.

¹³ Maintenance funding will need to be planned. The first step will be estimated and documenting the maintenance cost. When the agency enters the RFP phase, it will need maintenance costs determined with certainty and for approximately how long.

	5	Is funding available for maintenance of the project deliverable after project closure?	Maintenance funding has not been planned.	5
External Dependencies	6	Is this project dependent on another project in any way?	The project will require collaboration/alignment with another project.	5
	7	Does the project have access to needed human resources?	External resources are critical to the project.	5
Management Risk	8	What is the level of management commitment?	Management has made the project a priority.	0
	9	Does the project have an active and visible sponsor?	The project has an active and visible sponsor	0
	10	What is the experience and training level of agency project managers?	Project managers have some training or experience. The primary EDMS project manager is PMP certified and has been a project manager for 17 years with many successful IT enterprise level projects. However, the project manager is new to the public sector and Stage Gate process.	3
Mission Critical Risk	11	How important is the project to meeting Strategic Objectives of the agency/organization?	The project is critical to meeting strategic objectives.	5
	12	How important is the project to meeting externally generated mandates? (Legislative, Executive, or Judicial)	The project is critical to accomplishment of external mandates.	5
	13	How important is the project to agency core business activities?	The project is critical to core business activities.	5
Failure Risk	14	Has the agency and/or vendor executed similar projects?	Neither the agency/organization nor the vendor has executed a similar project.	5
	15	How will failure of the project impact the customers?	Impact of project failure on customers is high.	5
	16	How politically sensitive is the project?	The project is sensitive to political climate.	3
Compl exity	17	How new is the technological solution?	The technology has been available for several years.	1

	18	How many processes or business activities are impacted?	A large portion of the business processes are impacted.	5
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9.1.3 General COTS Risks

The following are general business and technical risks common to a COTS implementation such as this one, regardless of the alternative approach or solution chosen, on-premises or SaaS.

The risks below are based on the agency’s own mission-critical needs, its existing risk management strategy, and further research of implementations with other government agencies who have completed enterprise-level COTS systems for environmental data management and other systems. Sometimes, the risk for one agency is the same as for another, especially if the scope and degree of complexity is similar, but even then, the likelihood and impact often varies depending on the agency, which means identifying special mitigating strategies on top of time-tested ones to avoid failure.

In the numbered risks described below, the likelihood of the risk is multiplied by potential impact to calculate the risk score. Percentages of likelihood and impact scores are an initial attempt at establishing the initial risks and mitigation strategies for what will be a living document as the project takes form, shedding some risks, and re-gauging existing ones, and taking on others that become issues. Mitigation for this EDMS-related risk are also provided, along with any other notes for clarification.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
1	Chosen vendor system(s) does not satisfy solution requirements, delaying acquisitions of critical information system upgrades, and new systems.	10%	10	1	Ensure technical requirements are clearly defined in RFP and subsequent contract negotiations.
2	Critical deadlines are not met, creating critical project delays	5%	7	3.5	Create a robust project management plan based on current industry standards and best practices.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
3	The project's short time frame and possible lack of resource availability could impact the quality of work products.	80%	10	8	Develop DAS/OSCIO-recommended work products to support all aspects of the project and project management. Secure an experienced QA vendor to provide a rigorous quality control review of work products. Develop work product review tracking sheet with reviewers noted. Notify reviewers in advance of review needed so time can be set aside for proper and meaningful review.
4	Regulatory and legal changes can occur at any time. A change in law or rule could impact project's scope and requirements.	50%	10	5	Take a phased and measured approach. Be upfront with stakeholders, project staff, and vendors about ambiguity. Remain flexible. Be adaptable and scalable. Example: if legislation adds a new data point need for air quality permits, system will have enough flexibility to add another data point without too much pain.
5	Stakeholders may want to increase or decrease the scope beyond identified business requirements.	75%	7	5.25	Take a phased and measured approach. Use A standard change control processes and change management plan to the control scope Communicate with stakeholders regularly. Be transparent and upfront about timeline constraints.
6	The project's time frame and possible lack of resource availability could impact the quality of work products.	50%	10	5	Provides quality control process over work products. Hire QA vendor and have documents prepared for reviewers, e.g., review tracking sheet with reviewers noted.
7	A diverse and competitive vendor market generates vendor protest during	90%	7	6.3	Continue to move forward on other project tasks wherever possible and be ready with, and stringent about, following proper procurement protocols.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	procurement, causing delays.				Construct the RFP and procurement process to lessen the risk of a protest.
8	Legislation could affect funding.	50%	10	5	DEQ has requested the LFO office ask for funding from General Fund and bond
9	Policy, technology, and business processes begin misaligning.	80%	7	5.6	Convene any needed technical groups and invite the project team, subject matter experts, other program staff, and vendors to collaborate on alignment.
10	Potential mismatch between optimal business processes and chosen vendor/COTS system	60%	6	3.6	Involve subject matter experts in every phase of the development lifecycle, from the RFP and COTS selection, to design and development, to testing and go-live. Keep communications open, be flexible, and be open to business process adaptation. Robust training and other organizational change management techniques are key. Phase the project to keep interest and momentum in the project high while delivering tangible results to stakeholders and users in reasonable timeframes.
11	Project resources are limited and may impact project's ability to move as quickly as needed	70%	7	4.9	Establish clear roles and responsibilities, meet timelines, and stress staying on top of work to make sure that the importance of the project. At the same time, understand the unavoidable conflicts and constraints and be as flexible as is allowable. Plan well in advance.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
12	COTS vendor has planned/scheduled upgrades that could conflict with Oregon's customizations or implementation	30%	4	1.2	Work with the vendor closely. Do not over-customize the EDMS solution.
13	Project funding issues as a result of schedule misalignment with biennial budget cycle	10%	10	1	Make certain project planning, estimates, approvals, and procurement are in alignment with budget cycles.
14	Inadequate training of an enterprise-grade solution in a high-stakes setting results in sharp productivity drops and EDMS user frustrations.	60%	10	6	Establish a comprehensive training plan. Ensure adequate training time is budgeted and that there are self-training tools that can be used outside of focused training sessions.
15	Workforce is resistant to change making buy-in over a long project implementation more difficult.	90%	10	9	The resistance to change ranks high in relation to project success. Involve key staff for input and feedback. Continue to involve the staff and subject matter experts in the process and ensure each stakeholder/user group has a strong champion to support their efforts. Leverage organizational change leadership plan. Skill-set development or reprioritization may be necessary for agency IT staff in a project like EDMS. Multiyear and multiphase projects require strong project leadership to maintain momentum. There will be a necessary commitment of time from staff to migrate from the existing

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
					systems to a new system. Phase the project to keep interest in the new EDMS functions continuing rolling (recursively) instead of a delivery years down the road (waterfall). Baseline documentation of the current state and the proposed future state will be created and periodically reviewed to make sure the project is on track and to keep the workforce interested in what benefits the project will have for them.
16	During long or extended implementations, users create work-arounds to solve acute issues in lieu of completed technology implementation. Use these as guides for implementation and not tools that become institutionalized outside the solution.	70%	10	7	Use a phased implementation approach to mitigate atrophy of project enthusiasm. Ensure understanding the different disciplines and job functions by conducting a gap analysis. Use work-around as opportunities as guides for implementation and not tools that become institutionalized outside the solution. Document and share the workarounds so everyone knows how and why we are eliminating the workarounds. Involve clear communication with subject matter experts.
17	With networking and solution support being carried out by different organizations and units in both headquarters and regional offices, there is a risk that	70%	10	7	Establish a reoccurring standing meeting in which a representative from the various units / organizations is present to discuss issues or upcoming changes. When representatives can't find common ground on issues with risk, escalate. Leverage organizational change leadership plan.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	without proper collaboration and transparency between division programs and the solution vendor that a large-scale implementation will suffer.				
18	Risk of inflight with other systems.	30%	4	1.2	A list of inflight projects with EDMS are listed in the Scope Document. Keep the project aligned with other projects and initiatives throughout the agency. Ensure technical requirements are clearly defined in RFP and subsequent contract negotiations
19	In choosing a COTS, potentially cloud-based, solution, the agency is moving into a relatively newer IT approach and business process than the practice of custom-building data systems for business processes.	70%	5	3.5	Keep utilizing agency-standard PMBOK and other standard project management heuristics. Adhere OSCIO and federal cloud-based standards and guidelines. Continue to use completed OSCIO/DAS OSCIO "Cloud Planning and Readiness Assessment Workbook per policy 107-004-150 ¹⁴ to build COTS and cloud-based standards into all facets of the EDMS implementation, citing also the OSCIO's "Technical Reference Model Framework" ¹⁵ and the U.S. CIO's "Federal Cloud Computing Strategy." ¹⁶

¹⁴ <http://www.oregon.gov/das/policies/107-004-150.pdf>

¹⁵ Oregon Office of the State Chief Information Officer, "Technology Reference Model Framework - High Level Overview" (January 3, 2017).

¹⁶ "Federal Cloud Computing Strategy," US Department of Homeland Security (February 8, 2011): [Link](#).

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
20	Data migration requirements (to new infrastructure)	70%	9	6.3	Ensure business needs and technical requirements are clearly defined in RFP and subsequent contract negotiations
21	Major user interface integration effort	70%	9	6.3	Ensure business needs and technical requirements are refined and clearly defined in RFP and subsequent contract negotiations.
22	High visibility to Oregon citizens and their elected representatives	70%	9	6.3	Be open and transparent. Stay flexible. Phase the project and show clear leadership to keep engagement and enthusiasm high among internal and external stakeholders, and momentum building with the project, instead of atrophying over the course of several years.
23	Data is regularly transmitted to EPA and available on federal portals. If a change in reporting to EPA doesn't occur or compliance is at stake, DEQ risks noncompliance.	70%	5	3.5	Vendor must have products and services available to meet the federal electronic rule reporting, CROMERR, security, etc., business and technical requirements. Ensure business needs and technical requirements are clearly defined in RFP and subsequent contract negotiations, and outline not just DEQ's current requirements obligations per the PPA with the EPA, but also future requirements both business and system that are currently scheduled and/or known to be in rule development.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
24	If EDMS solution does not satisfy staff, stakeholder, and public needs, it might hinder adoption of the new technology and negatively affect project success measures.	70%	9	6.3	Be aware of training and informational material for user groups effected. Communicate internally and externally. Triggers / success measures / metrics will serve to monitor risk. Coordinate RFP closely with OSCIO/DAS/LFO. Secure QA review.
25	The wrong vendor system(s) are recommended, delaying acquisitions of critical information system upgrades, and new systems	25%	10	2.5	Create tangible triggers / success measures / metrics for this risk. Develop detailed implementation plan and solution requirements. Coordinate closely with OSCIO/DAS/LFO on EDMS RFP. Secure a QA vendor to review project.
26	Vendor training is not enough for staff and stakeholders to fully adopt the new solution.	25%	8	2	Clearly signal, both externally and internally, that this work is a top priority of agency leadership. Create tangible triggers / success measures / metrics for this risk. Develop detailed implementation plan and solution requirements. Coordinate closely with OSCIO/DAS/LFO on EDMS RFP. Secure a QA vendor to review project.
27	The lack of strong, sustained and clear leadership by DEQ management, along with a decentralized organizational structure, results in a lack of accountability.	10%	9	.9	Clearly signal, both externally and internally, that this work is a top priority of agency leadership. Document what resources will be needed to put the EDMS on a long-term sustainable track, and develop strategies for how those resources will be secured. DEQ may utilize additional outside resources to help in the early stages, and may use

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
					contractors to ensure that the agency's meet set performance objectives.

9.1.4 On-Premises Risks

The approach for procuring and implementing an on-premises COTS EDMS would entail the acquisition of a preexisting COTS product implemented and configured within the State Data Center (SDC). The following are general business and technical risks common to an on-premises COTS implementation of the scope and scale of EDMS.

- The on-premises alternative has generally lower degree of risk than doing nothing because COTS functionality has the potential to meet or exceed a majority of solution meets or exceed current business requirements, which is not currently happening with the status quo.
- Vendor-provided upgrades also provide lower cost maintenance, and this reduces state risk through the vendor's provision of software maintenance fixes.
- Vendor participation on the implementation team provides broad-based configuration expertise, and the availability of vendor support staff as a consulting resource to agency staff in the maintenance of the software also reduces agency risk.

Risks to the agency include the following.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
1	The agency will continue to shoulder the risks associated with full ownership of the hardware and software, which include the costs to	50%	5	5	Ensure technical requirements are clearly defined in RFP and subsequent contract negotiations. Create a robust project management plan based on current industry standards and best practices that includes financial and technical estimates on costs to upgrade, risk management techniques during

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	upgrade and those of disaster recovery.				project implementation, and guidance/planning for disaster recovery.
2	The project may deviate from the baseline.	50%	5	5	Can be mitigated through vendor negotiations during the procurement process and managed by using risk management techniques during project implementation. Develop DAS/OSCIO-recommended work products to support all aspects of the project and project management. Secure an experienced QA vendor to provide a rigorous quality control review of work products. Develop work product review tracking sheet with reviewers noted. Notify reviewers in advance of review needed so time can be set aside for proper and meaningful review.
3	Increased costs may be incurred if: (a) Staff have insufficient knowledge to support the solution after implementation or during upgrades, requiring extended vendor support (b) Vendor consulting resources are unavailable, requiring higher-	30%	4	1.2	Can be mitigated through vendor negotiations during the procurement process and managed by using risk management techniques during project implementation.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	cost alternate vendor support.				
4	Resolution of issues, both functional and technical, cause delays.	30%	10	3	Can be mitigated through vendor negotiations during the procurement process and managed by using risk management techniques during project implementation.
5	When a vendor hosts the solution, there is also the added risk that system upgrades to meet state guidelines may not always get a high priority from the vendor	30%	4	1.2	This risk can be mitigated through negotiations with the vendor during the procurement effort. For example, this risk will be mitigated by defining the vendor's ability to meet state guidelines.
6	In the case of a vendor-based on-premises solution, in which the agency relies on an outside vendor to provide EDMS solution hosting (SDC, vendor, Amazon, Microsoft, etc.), the agency assumes a risk that the vendor may not be viable or sustainable in the long term or may be unable to	30%	10	3	This risk can be mitigated through negotiations with the vendor during the procurement effort. For example, this risk will be mitigated by defining the agency's ability to assume ownership of the hardware, data, and software in the contract, should the vendor fail to meet the level of service requirements. Standard project management techniques should be utilized to monitor the risk during and after the project.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	meet expectations for operation.				
7	COTS product is not compatible with DEQ or SDC hardware / infrastructure.	25%	10	2.5	Ensure technical requirements are clearly defined in RFP and subsequent contract negotiations.
8	SDC hardware / infrastructure require updates.	25%	10	2.5	Work with ETS early in phasing to understand current compliance, identifying any areas where SDC is not compliant and identifying ways in which compliance can be reached. This includes, but is not limited to, ensuring RFP includes hardware and infrastructure requirements that vendor product must meet.
9	Hosting on premises would require coordination between DEQ, and ETS.	25%	10	2.5	Develop a detailed SLA and process expectations so coordination / collaboration amongst the different organizations / units can be streamlined.
10	System support is not provided 24/7/365.	10%	10	1	After Stage Gate 1 endorsement, confirm 24/7/365 support as understood for project needs either is or is not an option within ETS. If not, develop contingency plans for any unexpected downtime.

9.1.5 SaaS Risks

The SaaS solution has been a proven model for the state in other enterprise COTS implementations and has the lowest implementation risk of the considered delivery configurations because the vendor absorbs implementation and overall operations risks. However, ownership of the solution is off-site and the solution must operate on a shared baseline.

The agency will need to ensure that system upgrades to meet state guidelines receive a high priority from the vendor. The agency will remain responsible for coordinating disaster recover/business continuity for EDMS with that of other mission-critical systems. Change management and data governance will need to be addressed jointly with the vendor.

The agency assumes the additional risk that the vendor does not meet expectations for operations or that the vendor may not be viable in the long term. Like other alternatives, vendor failure risk can be mitigated during procurement negotiations and through project management techniques.

Risks to the agency include the following.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
1	Solution vendor Service Level Agreement (SLA) negotiations take longer than expected. Extends schedule.	25%	5	2.5	Make sure RFP and contract language clearly stipulates SLA expectations.
2	Application is not available to end users when they are needed, and/or service provider is unable to provide required computing resources on demand.				Service providers are expected to provide strong assurance of dependability to their users. Make sure RFP and contract language clearly stipulates expectations.
3	Security comprises the confidentiality and integrity of data that are based in the cloud.				Service providers are expected to provide strong assurance of security for their users. Make sure RFP and contract language clearly stipulates expectations, referencing OSCIO statewide security

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
					standards and the National Institute of Standards and Technologies (NIST). ¹⁷ The “Agency Cloud Policy Workbook” also guides mitigation of risk. The Institute of Electrical and Electronics Engineers (IEEE) has also formed working groups to develop critical cloud-computing standards.
4	In general, cloud computing brings with it the inherent risk of vendor lock-in, in which customers become, and can then remain, dependent on a single cloud provider technology implementation (i.e. locked-in), and cannot easily move in the future to a different vendor without substantial costs, legal constraints, or technical incompatibilities.	50	10	5	Vendor lock-in is a risk to cloud users because of today’s technical inconsistencies among computing clouds. Migration between clouds, in other words, can be difficult because of differences in computing platforms, interfaces, storage systems, and communications. Because no common standards for migrating services currently exist, DEQ must remain vigilant of these associated risks (e.g., potential added costs, legal constraints, and technical incompatibilities) during the next stages of the project during RFP drafting and vendor procurement. DEQ will insist on the implementation of mainstream technology and that it will be scalable for additional DEQ programs and processes.
5	The cost (in time and money) of data transmission and transaction processing between clouds or	90	1	0.9	No common standards for migrating services currently exist for issues with inter-cloud interactions. To reduce the complexities and costs of inter-cloud operation, the agency must be aware of

¹⁷ OSCIO, “Statewide Information Security Standards,” [Link](#).

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
	between clouds and legacy systems is generally much higher than intra-cloud operations.				new standards that seek to reduce the significance of this problem.
6	New FCC rules for content service providers				New net neutrality law should be analyzed for any risks to DEQ should the agency choose this option.
	Vendor cloud services are not compliant with State and Federal regulations	50%	10	5	Make sure RFP and contract clearly stipulates which regulations cloud hosting must comply with.

9.1.6 Combined On-Premises and SaaS Risks

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
1	After configuration, solution does not meet critical business requirements and requires heavy customization.	25%	5	2.5	Ensure clear and comprehensive requirements are outlined in RFP. Seek product demonstrations during the RFP process.

Risk #	Risk Description	Likelihood %	Impact (critical 10, high 7, medium 4, low 2, none 0)	Risk Score	Mitigation
2	COTS solutions offer less customization options and will require extensive training for staff to adapt processes and workflows.	50%	10	5	Vendor support will include training. Manage changes through the change management process. Create a comprehensive training strategy that targets the different position types within DEQ. Seek vendors that have well-vetted and mature training process with different training tools (online self-study courses, in-person training, etc.). In addition, reach out to other states that have implemented EDMS and gain an understanding of training they instituted and learn what worked best and didn't.

10 Appendix D: Alternatives Analysis

10.1 Overview

This section identifies the costs and benefits that are used to assess each alternative contained in this business case, including the cash flow projections, cash flow graphs of net cash flow, and cost model analysis for each alternative.

This section includes the same EDMS vendor cost estimates from Stage Gate 2 in Feb 2018. However, it includes updated cost projections for the following: staff (personal service), services & supplies, indirect, Department of Justice, Department of Administrative Services, and QA Vendor Services. Once we receive the responses back from the RFP, we will be able to update the EDMS vendor cost estimates.

10.1.1 Methodology

The Stage Gate 2 financial analysis goal is to improve the project cost estimate accuracy developed during Stage Gate 1 to the required SG2 accuracy. Several objectives were completed meet this goal, including:

- COTS vendor quotations
- COTS vendor hosting estimates
- State Data Center hosting estimates
- High-level DEQ solution requirements
- Proposed implementation approach
- Financial analysis assumptions

Vendors responding to the previous EDMS RFI with COTS products were contacted for updated costs related to software, maintenance, support, and hosting. Each vendor was contacted by phone to confirm contact information was correct and inform of the forthcoming request to update price quotations. The following week each vendor was emailed requesting updated RFI costs for their complete EDMS COTS software packages, hosting costs for on-premises and Software as a Service. During the third, fourth, and fifth weeks of analysis, vendors were contacted to answer further implementation and related questions.

States identified during preliminary research were also contacted to cross-reference vendor information and collect more information related to software, maintenance, support, and hosting costs, including Alabama, Alaska, Colorado, Indiana, Michigan, Minnesota, Mississippi, New Jersey, Washington, and Wisconsin.

The Stage Gate 3 financial analysis will further the accuracy of the cost estimates. DEQ will use the responses from the RFP to decide the final EDMS vendor and then engage in negotiations for a software contract. Once the contract is negotiated, the project costs will be updated within the EDMS Business Case document.

10.1.2 Assumptions

10.1.3 General

- For financial modeling purposes, the updated estimated total cost of all phases of development, implementation, operations, and maintenance have been calculated over a ten-year period FY2018 to FY2027; however, DEQ will implement the EDMS project in phases. The first phase (Stage Gates 3 through 4) will involve the Core System Implementation, which will include specific functionality needed by DEQ and build a scalable foundation for future phases between Feb. 2018 and Nov. 2020.
- Benefits and costs associated with the status quo “do-nothing” approach have not been modeled. Costs outlined in this alternatives analysis assume the agency moves forward with one of the two approaches to procuring and implementing a COTS EDMS solution.
- Although implementation of an EDMS solution will address many critical problems, there is not currently an expectation of positive cash flows. The solution is assumed to be an additional cost.

10.1.4 Benefits

- Tangible benefits have not been modeled at this stage, and will require further identification and definition of goals and objectives; however, there is expectation of productivity gains (e.g., renewing outdated permits and saving paper with electronic invoicing and reporting), see the financial and nonfinancial benefits table section 4.7, “General Benefits.”

10.1.5 Personal Service Costs

- DEQ anticipates hiring 7 new position for this project. 4 permanent and 2 limited duration through current biennium.

10.1.6 Hosting

- Hosting Environment recommendations provided by enfoTech in RFI response were used to estimate costs. Recommendations are as follow:

Server	Recommendation
1. Web/App Servers:	Two Web servers (for example, Dell PowereEdge 2950) with Network Load Balancing are recommended.
2. Database Servers:	Two Database servers (for example, Dell PowereEdge R710) with Clustering are recommended.
3. Application Servers (optional):	Application server (for example, Dell PowerEdge R710) with adequate RAM and processing power are suggested.
4. Backup Server (optional):	One Backup server (for example, Dell PowerEdge 2950) with storage array and tape library.

5. Integration Server (optional): One Integration server (for example, Dell PowerEdge 2950) to provide the integration services to other systems.

6. Reporting Server (optional): One Reporting Server (for examples, Dell PowerEdge 2950).

- Building on the server recommendation and assuming 500 concurrent users with an enterprise system, the following specifications are recommended:
 - 2 web servers each w/ 4 CPU, 8GB memory
 - 2 database servers each w/ 16 vCPU, 64GB memory
 - 1 application server w/ 4 CPU, 8GB memory
 - 1 integration server w/ 2 CPU, 8GB memory
 - 1 reporting server w/ 2 CPU, 8GB memory
 - 1 backup server w/ 2 CPU, 8GB memory
 - Web, application, integration and reporting servers would each have 100GB of storage
 - Database server would have 8TB of storage
 - Backup server would have 10TB of storage
 - The database server would use SQL Server standard edition
 - The servers would be clustered and load balanced
- Setup of the hosting environment would take 160 hours
- Ongoing support would be 8 hours per month
- RFI responses did not provide tangible costs were they to host as a SaaS. To determine costs, using the above assumptions AWS pricing was used.
- For on-premise hosting, the same specs above were priced out using the 2017-19. Enterprise Technology Service rate sheet.
- ETS computing service hourly rate of \$163 was used for both AWS setup as well as ETS hosted setup.
- Hosting costs would begin FY2019

10.1.7 Software Costs

- Cost estimates provided by CGI and enfoTech (respondents of RFI) were used to determine licensing (perpetual up front purchase) and ongoing annual maintenance
- Costs provided by the two vendors were averaged
- Both vendors provided high and low ranges. An average of the high and low was used.

- Purchase of license would occur in FY2019, annual maintenance would be every year thereafter

10.1.8 Hardware Costs

- Hardware would be updated through regular replacement lifecycles regardless of project or not.
- No specialized hardware would be required with the COTS outside of hosting requirements.

10.1.9 IT Professional Services

- IT Professional Services would begin in FY2018 and go through 2023
- CGI and enfoTech provided implementation cost estimates. The same average algorithm used to determine software costs was applied.
- Services expected as part of implementation costs are:
 - Project planning
 - End-to-end facilitation services from start to go-live
 - Onsite meetings and weekly web/phone conferences
 - Requirement verification and gap analysis
 - System configuration document
 - Data migration plan and scripts
 - Interim system releases
 - User acceptance (UA) testing & support
 - System documentation
 - User/admin training
 - Go-live plan
 - System go-live
- DEQ anticipates contracting out for BA, QC, Change Management, and PM support. ~40% of the vendor provided implementation costs was assumed. Figures are outlined in operational support line.

10.2 Financial Model and Cash Flow Projections

The goal of the EDMS is to achieve an optimal cost-performance ratio in the investment, instead of paying more than expected; however, diversifying the IT portfolio like this opens the agency to the risks associated with such a move, e.g., increased management complexity, overhead for business-process integration of vendor tools and methods, service gaps, security issues, and more (see “Appendix C: Risk Analysis” for more details).The financial modeling below is meant to summarize projected cost and benefit results over the analysis time period. This will include:

- Illustrating cumulative costs and benefits of each alternative

- Comparing the incremental costs and financial benefits of each alternative against the baseline

10.3 Cash Flow Projections

Below are the primary tables for alternatives 1 and 2. For these tables in spreadsheet form, see the Excel workbook that also includes these tabs: Staff Contract Worksheet, Hosting worksheet, and Vendor Pricing Worksheet.

10.3.1 Baseline Data for Current State Table

Baseline data for current state (status quo, “do-nothing,” approach)

CURRENT STATE (BASELINE) CASH FLOW

\$ in 1000s

Discount rate 0.0%

\$ in 1000s	Year ending...										TOTAL
	Jun 30 2018	Jun 30 2019	Jun 30 2020	Jun 30 2021	Jun 30 2022	Jun 30 2023	Jun 30 2024	Jun 30 2025	Jun 30 2026	Jun 30 2027	

DIRECT TANGIBLE COSTS OF STATUS QUO

Benefit item 2.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 3.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 4.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Benefits/Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COST ITEMS inflows (outflows)

Personal Services Costs (Salaries & Benefits)

State Perm Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State Temp Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State LD Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Services & Supplies/Capital Outlay Costs

State Data Center Costs

Consulting Services.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hosting.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Network.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Software Costs

SW Purchase/Upgrade.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW License Maintenance.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Hardware Costs

Hardware Purchase/Upgrade.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hardware Ongoing Maint.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IT Professional Services

Project Dev/Implementation.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operational Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operational Augmentation.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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CASH FLOW SUMMARY inflows (outflows)

Cash inflows (outflows)

Benefits and Gains.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costs.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NET CASH FLOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative Net CF.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Discounted Cash Flow

At 0.0%.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NPV 0.0
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10.3.2 Alternative 1 Cash Flow Table

Procure and implement an On-Premises COTS EDMS

ON-PREMISE CASH FLOW

\$ in 1000s

Year ending...	Discount rate										Discount rate	
	Jun 30 2018	Jun 30 2019	Jun 30 2020	Jun 30 2021	Jun 30 2022	Jun 30 2023	Jun 30 2024	Jun 30 2025	Jun 30 2026	Jun 30 2027	0.0%	
\$ in 1000s												
BENEFITS / GAINS												
Benefit item 1.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 2.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 3.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 4.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Benefits/Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COST ITEMS inflows (outflows)												
Personal Services Costs (Salaries & Benefits)												
State Perm Staff.....	(465.0)	(549.2)	(752.7)	(752.7)	(564.5)	(564.5)	0.0	0.0	0.0	0.0	0.0	(3648.6)
State Temp Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State LD Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/Capital Outlay Costs												
State Data Center Costs												
Consulting Services.....	0.0	(33.6)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(93.5)
Hosting.....	0.0	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(522.9)
Storage.....	0.0	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(140.9)
Network.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Software Costs												
SW Purchase/Upgrade.....	0.0	(1218.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(1218.5)
SW License Maintenance.....	0.0	0.0	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(1824.0)
Hardware Costs												
Hardware Purchase/Upgrade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hardware Ongoing Maint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT Professional Services												
Project Dev/Implementation.....	0.0	(961.0)	(961.0)	(961.0)	(961.0)	(961.0)	0.0	0.0	0.0	0.0	0.0	(4805.0)
Operational Staff.....	(100.0)	(400.0)	(400.0)	(400.0)	(400.0)	(400.0)	0.0	0.0	0.0	0.0	0.0	(2100.0)
Operational Augmentation.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/ Person	(228.6)	(91.4)	(134.8)	(134.8)	(101.1)	(101.1)	0.0	0.0	0.0	0.0	0.0	(791.6)
Indirect	(88.6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(88.6)
DOJ	0.0	(20.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(20.0)
DAS	0.0	(100.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(100.0)
QA Vendor Costs	0.0	(193.0)	(193.0)	(80.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(466.0)
Other.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Costs	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
CASH FLOW SUMMARY inflows (outflows)												
Cash inflows (outflows)												
Benefits and Gains.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costs.....	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
NET CASH FLOW	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
Cumulative Net CF.....	(882.2)	(4522.7)	(7273.3)	(9911.0)	(12246.8)	(14582.7)	(14891.9)	(15201.2)	(15510.4)	(15819.6)	(15819.6)	(15819.6)
Discounted Cash Flow												
At 0.0%.....	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)

10.3.3 Alternative 2 Cash Flow Table

Procure and implement SaaS EDMS

SaaS CASH FLOW											\$ in 1000s
	Discount rate										Discount rate 0.0%
	Year ending...										
\$ in 1000s	Jun 30 2018	Jun 30 2019	Jun 30 2020	Jun 30 2021	Jun 30 2022	Jun 30 2023	Jun 30 2024	Jun 30 2025	Jun 30 2026	Jun 30 2027	TOTAL
BENEFITS / GAINS											
Benefit item 1.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 2.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 3.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 4.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Benefits/Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COST ITEMS inflows (outflows)											
Personal Services Costs (Salaries & Benefits)											
State Perm Staff.....	(485.0)	(549.2)	(752.7)	(752.7)	(564.5)	(564.5)	0.0	0.0	0.0	0.0	(3648.6)
State Temp Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State LD Staff.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/Capital Outlay Costs											
SaaS Hosting (AWS Pricing)											
Consulting Services.....	0.0	(32.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(86.0)
Hosting.....	0.0	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(425.6)
Storage.....	0.0	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(181.4)
Network.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Software Costs											
S/W Purchase/Upgrade.....	0.0	(1218.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(1218.5)
S/W License Maintenance.....	0.0	0.0	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(1824.0)
Hardware Costs											
Hardware Purchase/Upgrade.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hardware Ongoing Maint.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT Professional Services											
Project Dev/Implementation.....	0.0	(961.0)	(961.0)	(961.0)	(961.0)	(961.0)	0.0	0.0	0.0	0.0	(4805.0)
Operational Staff.....	(100.0)	(400.0)	(400.0)	(400.0)	(400.0)	(400.0)	0.0	0.0	0.0	0.0	(2100.0)
Operational Augmentation.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/ Person	(228.6)	(91.4)	(134.8)	(134.8)	(101.1)	(101.1)	0.0	0.0	0.0	0.0	(791.6)
Indirect	(88.6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(88.6)
DOJ	0.0	(20.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(20.0)
DAS	0.0	(100.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(100.0)
QA Vendor Costs	0.0	(193.0)	(193.0)	(80.0)	0.0	0.0	0.0	0.0	0.0	0.0	(468.0)
Other.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Costs	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
CASH FLOW SUMMARY inflows (outflows)											
Cash inflows (outflows)											
Benefits and Gains.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costs.....	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
NET CASH FLOW	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
Cumulative Net CF.....	(882.2)	(4515.5)	(7259.0)	(9889.6)	(12218.3)	(14547.0)	(14849.1)	(15151.2)	(15453.3)	(15755.4)	(15755.4)
Discounted Cash Flow											
At 0.0%.....	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	NPV (15755.4)

10.3.4 Alternative 1 Incremental Cash Flow Table

Procure and implement an on-premises COTS EDMS

ON PREMISE INCREMENTAL CASH FLOW

All figures represent (Proposal Value) - (Current State Value)

\$ in 1000s

\$ in 1000s	Year ending...										TOTAL	
	Jun 30 2018	Jun 30 2019	Jun 30 2020	Jun 30 2021	Jun 30 2022	Jun 30 2023	Jun 30 2024	Jun 30 2025	Jun 30 2026	Jun 30 2027		
	Discount rate										0.0%	
BENEFITS / GAINS												
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Benefits/Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COST ITEMS inflows (outflows)												
Personal Services Costs (Salaries & Benefits)												
State Perm Staff	(465.0)	(549.2)	(752.7)	(752.7)	(564.5)	(564.5)	0.0	0.0	0.0	0.0	0.0	(3648.6)
State Temp Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State LD Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/Capital Outlay Costs												
State Data Center Costs												
Consulting Services	0.0	(33.6)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(7.5)	(93.5)
Hosting	0.0	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(58.1)	(522.3)
Storage	0.0	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(15.7)	(140.3)
Network	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Software Costs												
SW Purchase/Upgrade	0.0	(1218.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(1218.5)
SW License Maintenance	0.0	0.0	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(1824.0)
Hardware Costs												
Hardware Purchase/Upgrade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hardware Ongoing Maint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT Professional Services												
Project Dev/Implementation	0.0	(961.0)	(961.0)	(961.0)	(961.0)	(961.0)	0.0	0.0	0.0	0.0	0.0	(4805.0)
Operational Staff	(100.0)	(400.0)	(400.0)	(400.0)	(400.0)	(400.0)	0.0	0.0	0.0	0.0	0.0	(2100.0)
Operational Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/ Person	(228.6)	(91.4)	(134.8)	(134.8)	(101.1)	(101.1)	0.0	0.0	0.0	0.0	0.0	(731.6)
Indirect	(88.6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(88.6)
DOJ	0.0	(20.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(20.0)
DAS	0.0	(100.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(100.0)
QA Vendor Costs	0.0	(193.0)	(193.0)	(80.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(466.0)
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Costs	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
CASH FLOW SUMMARY inflows (outflows)												
Cash inflows (outflows)												
Benefits and Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costs	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
NET CASH FLOW	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	(15819.6)
Cumulative Net CF	(882.2)	(4522.7)	(7273.3)	(9911.0)	(12246.8)	(14582.7)	(14891.9)	(15201.2)	(15510.4)	(15819.6)	(15819.6)	(15819.6)
Discounted Cash Flow												
At 0.0%	(882.2)	(3640.5)	(2750.7)	(2637.7)	(2335.8)	(2335.8)	(309.2)	(309.2)	(309.2)	(309.2)	(309.2)	NPV (15819.6)

10.3.5 Alternative 2 Incremental Cash Flow Table

Procure and implement a SaaS EDMS Incremental Cash Flow Table

SaaS INCREMENTAL CASH FLOW

All figures represent (AltProposal Value) - (Current State Value)

\$ in 1000s

Discount rate 0.0%

\$ in 1000s	Year ending...										TOTAL	
	Jun 30 2018	Jun 30 2019	Jun 30 2020	Jun 30 2021	Jun 30 2022	Jun 30 2023	Jun 30 2024	Jun 30 2025	Jun 30 2026	Jun 30 2027		
BENEFITS / GAINS												
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit item 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Benefits/Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COST ITEMS inflows (outflows)												
Personal Services Costs (Salaries & Benefits)												
State Perm Staff	(465.0)	(549.2)	(752.7)	(752.7)	(564.5)	(564.5)	0.0	0.0	0.0	0.0	0.0	(3648.6)
State Temp Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State LD Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/Capital Outlay Costs												
State Data Center Costs												
Consulting Services	0.0	(32.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(6.7)	(86.0)
Hosting	0.0	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(47.3)	(425.6)
Storage	0.0	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(20.2)	(181.4)
Network	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Software Costs												
SW Purchase/Upgrade	0.0	(1218.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(1218.5)
SW License Maintenance	0.0	0.0	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(228.0)	(1824.0)
Hardware Costs												
Hardware Purchase/Upgrade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hardware Ongoing Maint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT Professional Services												
Project Dev/Implementation	0.0	(961.0)	(961.0)	(961.0)	(961.0)	(961.0)	0.0	0.0	0.0	0.0	0.0	(4805.0)
Operational Staff	(100.0)	(400.0)	(400.0)	(400.0)	(400.0)	(400.0)	0.0	0.0	0.0	0.0	0.0	(2100.0)
Operational Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Services & Supplies/ Person	(228.6)	(91.4)	(134.8)	(134.8)	(101.1)	(101.1)	0.0	0.0	0.0	0.0	0.0	(791.6)
Indirect	(88.6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(88.6)
DOJ	0.0	(20.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(20.0)
DAS	0.0	(100.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(100.0)
QA Vendor Costs	0.0	(193.0)	(193.0)	(80.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(466.0)
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Costs	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
CASH FLOW SUMMARY inflows (outflows)												
Cash inflows (outflows)												
Benefits and Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costs	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
NET CASH FLOW	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(302.1)	(15755.4)
Cumulative Net CF	(882.2)	(4515.5)	(7259.0)	(9889.6)	(12218.3)	(14547.0)	(14849.1)	(15151.2)	(15453.3)	(15755.4)	(15755.4)	(15755.4)
Discounted Cash Flow												
At 0.0%	(882.2)	(3633.4)	(2743.5)	(2630.5)	(2328.7)	(2328.7)	(302.1)	(302.1)	(302.1)	(302.1)	(302.1)	NPV (15755.4)

10.3.6 Financial Metrics Summary Table

The following section summarizes cost projections over an 8-year period. This includes work that is out of scope with the current EDMS project. This includes work that spans out to 2027.

10.3.6.1 Financial Metrics Summary

Table 1. FINANCIAL METRICS SUMMARY BY NET CASH FLOW, NPV, AND TOTAL BENEFITS

Financial Metrics Summary

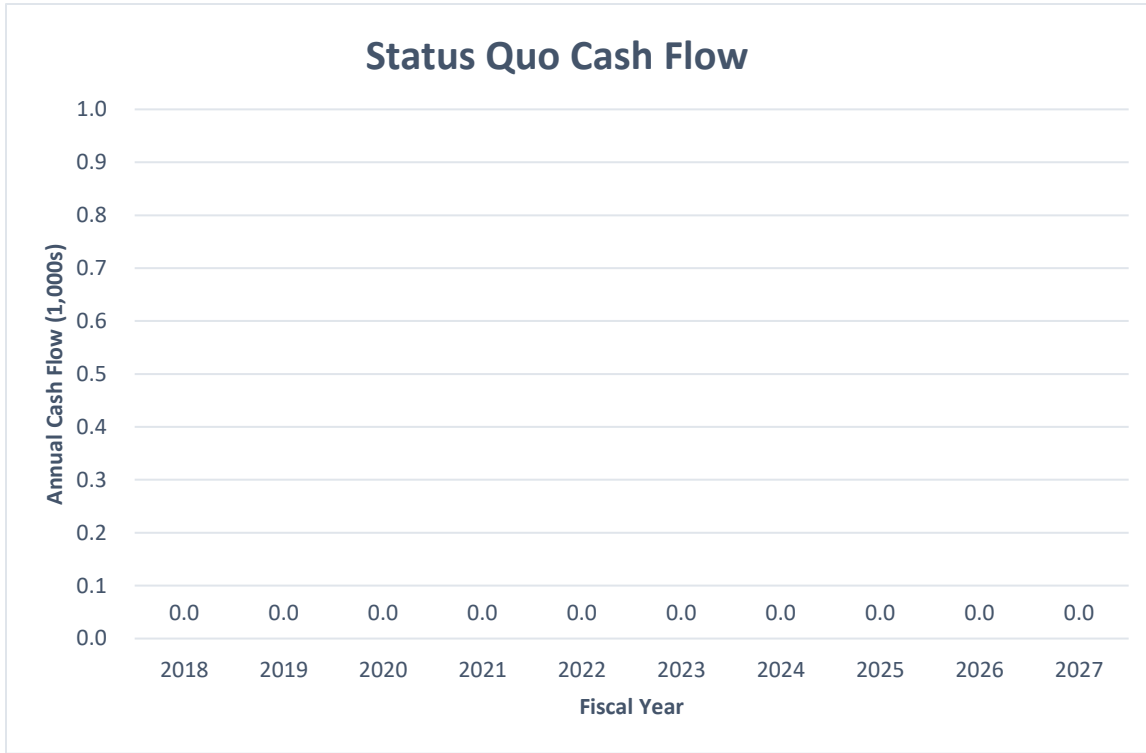
	Status Quo	On-Premise	SaaS	On-Premise Incremental	SaaS Incremental
Net Cash Flow	\$0.0	(\$15,819.6)	(\$15,755.4)	(\$15,819.6)	(\$15,755.4)
NPV at 0.0%	\$0.0	(\$15,819.6)	(\$15,755.4)	(\$15,819.6)	(\$15,755.4)
Total Benefits	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Costs	\$0.0	(\$15,819.6)	(\$15,755.4)	(\$15,819.6)	(\$15,755.4)

\$ in \$1,000s
 Numbers in parenthesis are negative numbers

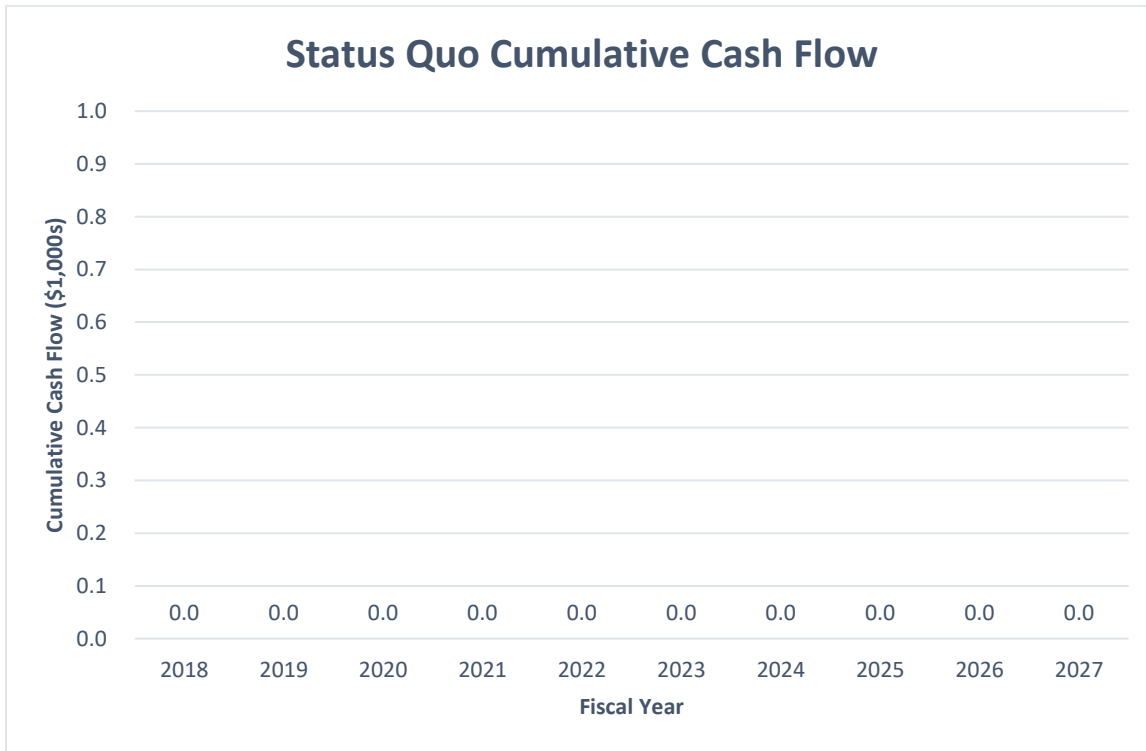
10.4 Cash Flow Graphs – Net Cash Flow

The “Bottom line” or net cash flow results for each alternative scenario in the business case are summarized in graphical form, on both an annual basis and a cumulative basis over the years. The incremental cash flow projections (difference between alternative and status quo) are also illustrated on an annual basis and cumulative basis over the years.

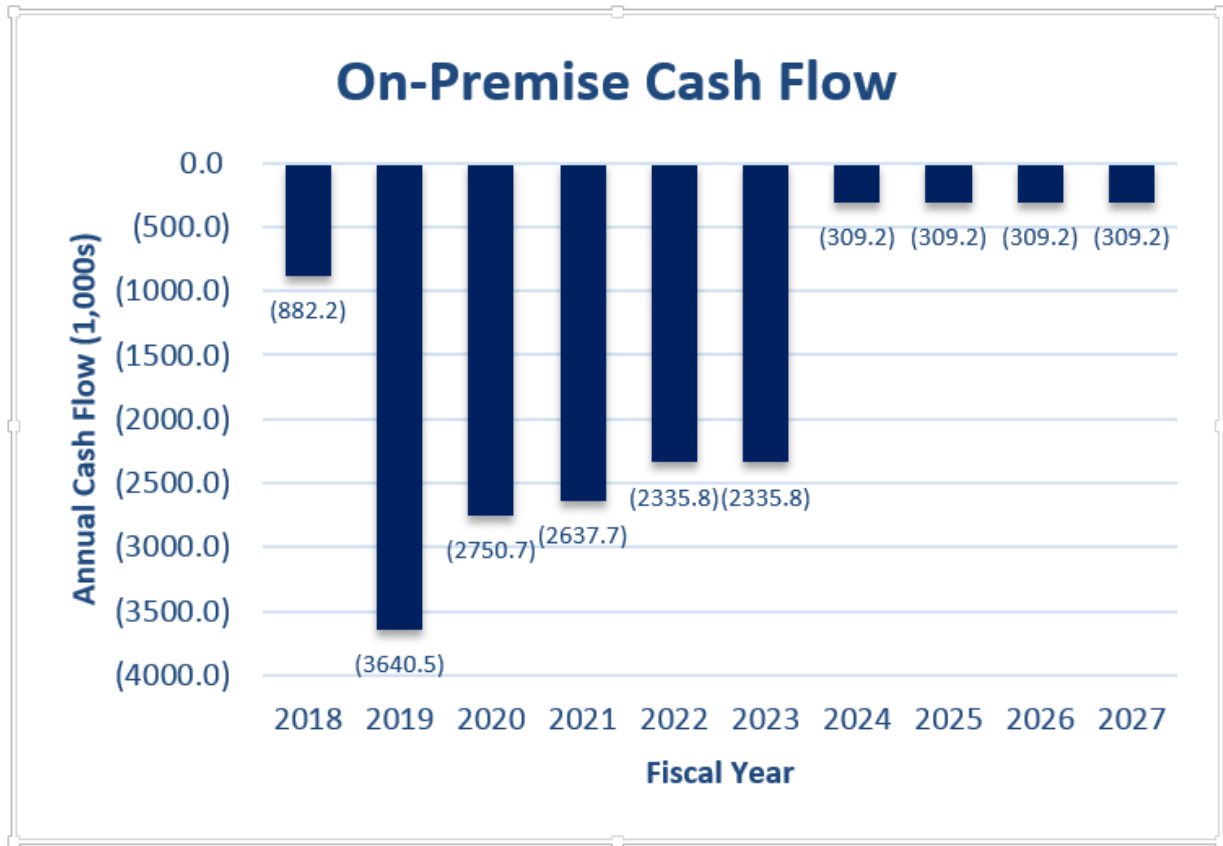
10.4.1 Status quo cash flow



10.4.2 Status flow cumulative cash flow

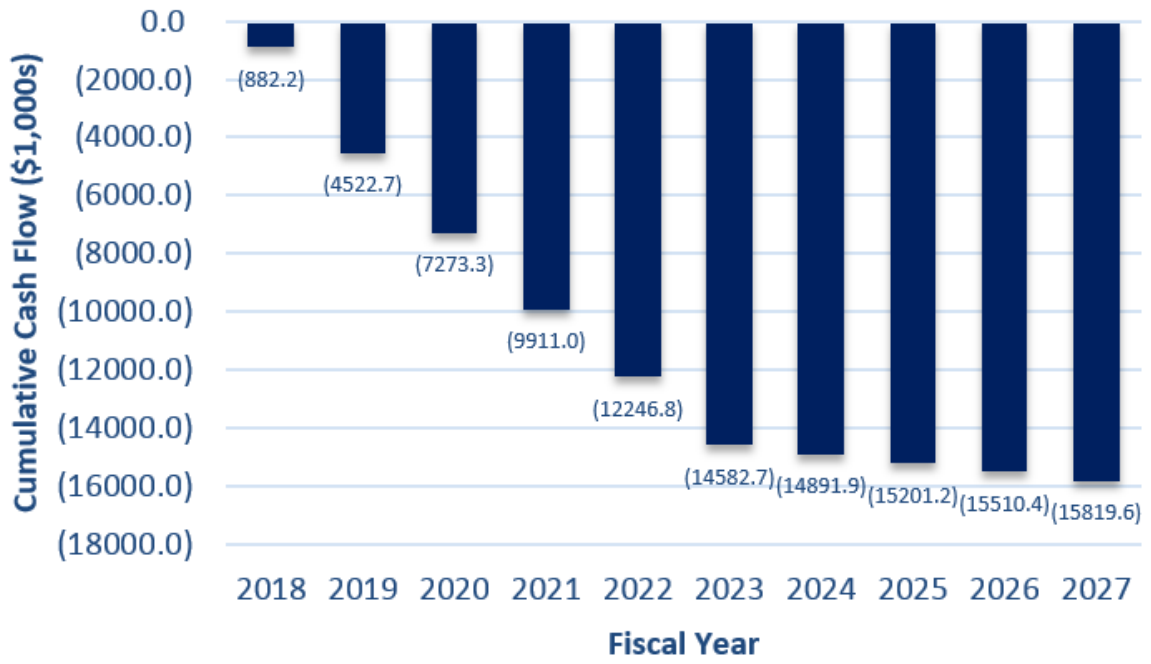


10.4.3 Alternative 1 on-premises cash flow

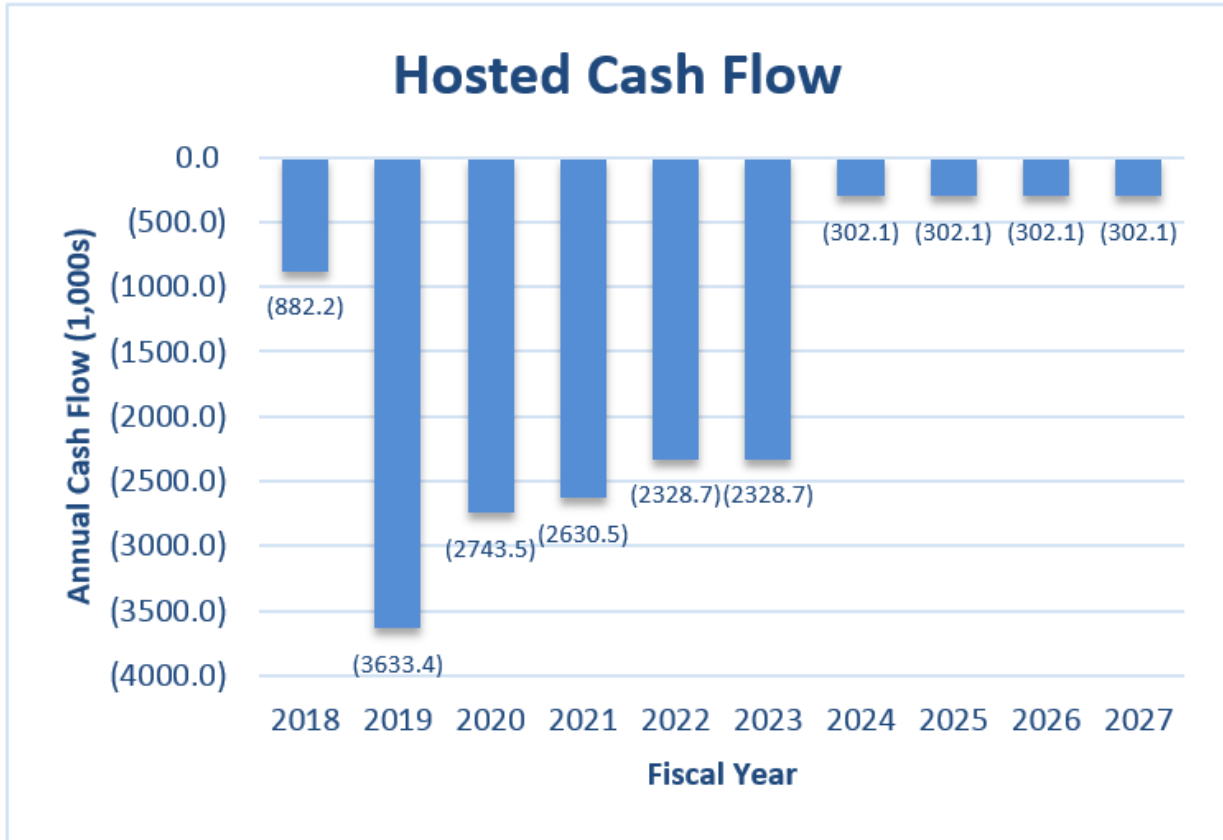


10.4.4 Alternative 1 on-premises cumulative cash flow

On-Premise Cumulative Cash Flow

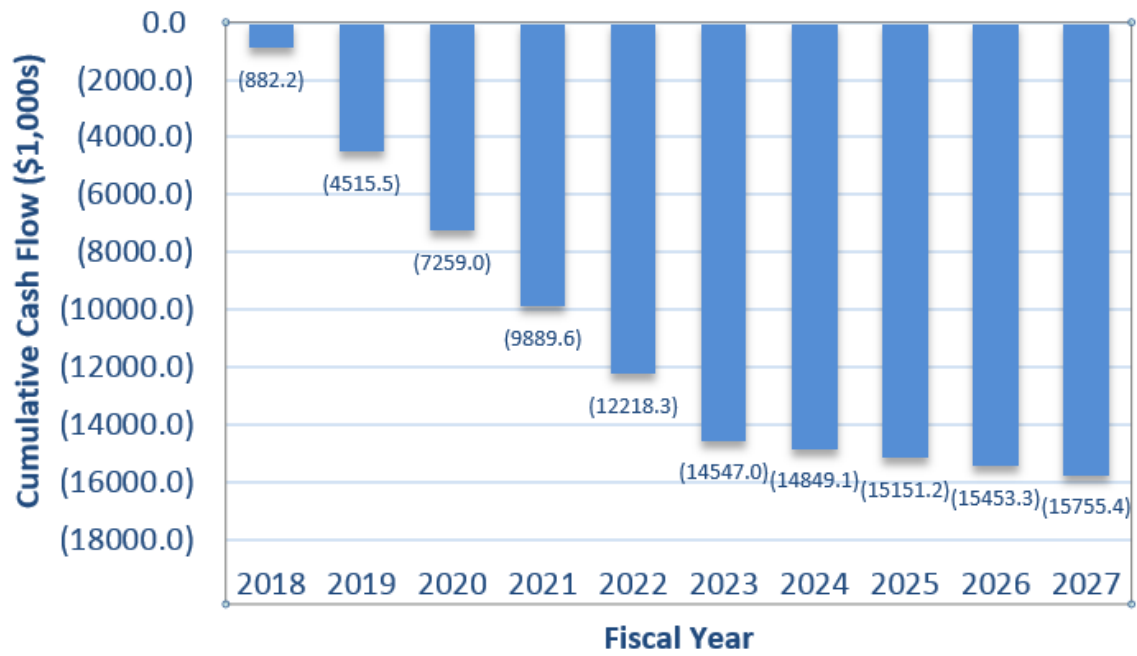


10.4.5 Alternative 2 SaaS EDMS cash flow

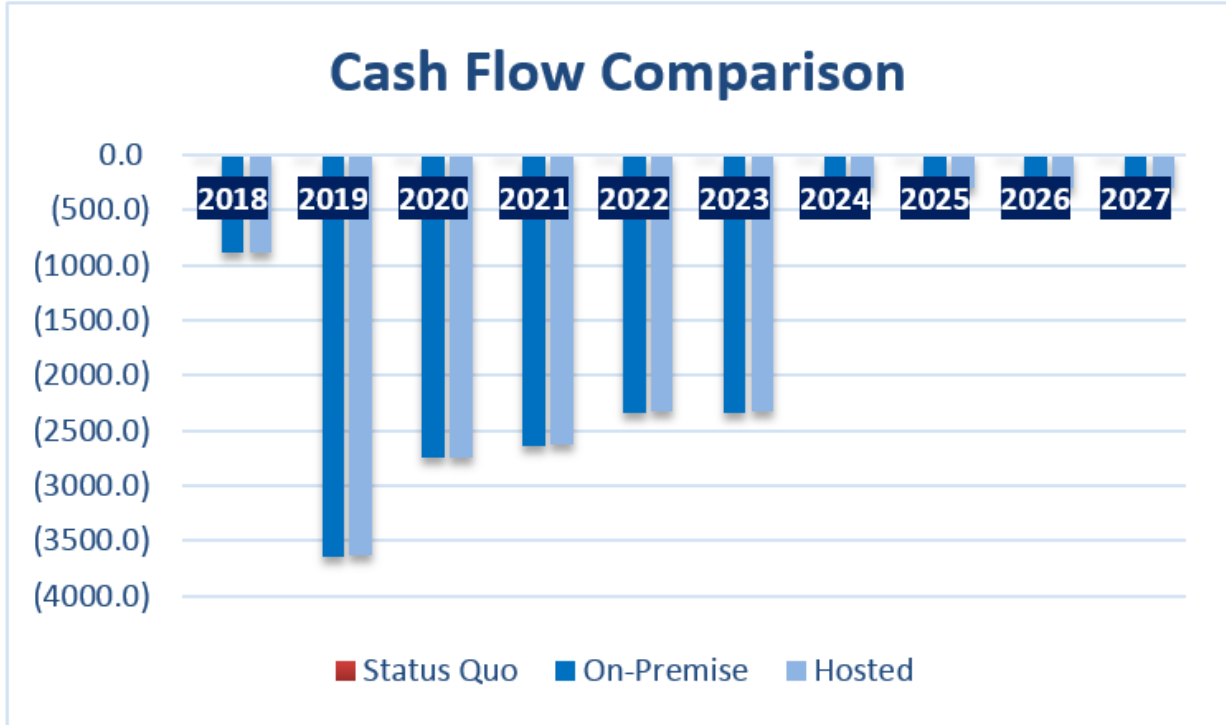


10.4.6 Alternative 2 SaaS EDMS cumulative cash flow

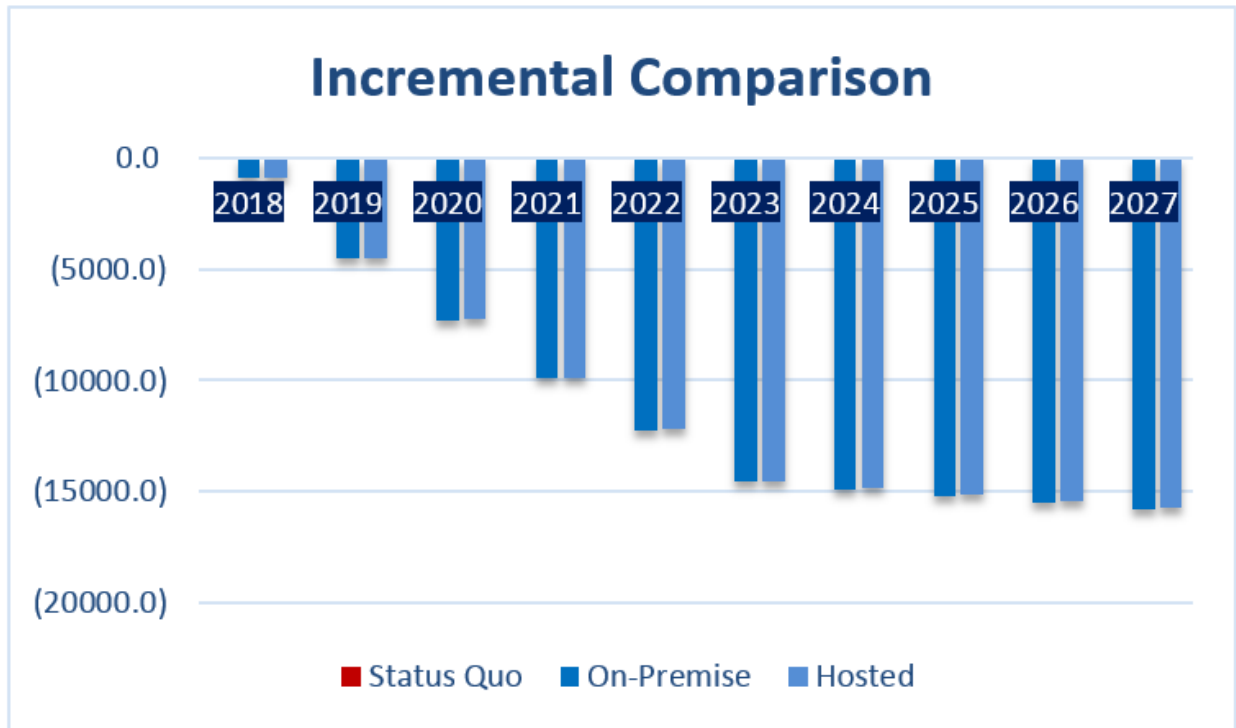
Hosted Cumulative Cash Flow



10.4.7 Cash flow comparison



10.4.8 Incremental comparison



10.5 Cost Model Analysis: Cost Estimated Through 2027

10.5.1 Alternative 1 scenario

Procure and implement SDC Hosted Solution

Totals include FY 2018 through FY 2027

\$ in 1,000s

Positive numbers are **savings**

Negative numbers in () are **net costs**

		Project and Implementation	Operations, Maintenance, Ongoing Support	Total	%
Personal Services	Salaries & Benefits	:	(\$3,648.6)	(\$3,648.6)	23.1%
Services & Supplies & Capital Outlay	State Data Center	:	(\$757.3)	(\$757.3)	4.8%
	Software	(\$1,218.5)	(\$1,824.0)	(\$3,042.5)	19.2%
	Hardware	\$0.0	\$0.0	\$0.0	0.0%
	IT Professional Services	(\$4,805.0)	(\$3,566.2)	(\$8,371.2)	52.9%
Total		(\$6,023.5)	(\$9,796.1)	(\$15,819.6)	
%		38.1%	61.9%		100.0%

10.5.2 Alternative 2 scenario

Procure and Implement SaaS

Totals include FY 2018 through FY 2027

\$ in 1,000s

Positive numbers are **savings**

Negative numbers in () are **net costs**

		Project and Implementation	Operations, Maintenance, Ongoing Support	Total	%
Personal Services	Salaries & Benefits		(\$3,648.6)	(\$3,648.6)	23.2%
Services & Supplies & Subscription Services	State Data Center		(\$693.1)	(\$693.1)	4.4%
	Software	(\$1,218.5)	(\$1,824.0)	(\$3,042.5)	19.3%
	Hardware	\$0.0	\$0.0	\$0.0	0.0%
	IT Professional Services	(\$4,805.0)	(\$3,566.2)	(\$8,371.2)	53.1%
Total		(\$6,023.5)	(\$9,731.9)	(\$15,755.4)	
%		38.2%	61.8%		100.0%

10.5.3 Do nothing scenario, status quo

STATUS QUO (BASELINE) COSTS

Totals include FY 2018 through FY 2027

\$ in 1,000s

Positive numbers are **savings**

Negative numbers in () are **net costs**

		Project and Implementation	Operations, Maintenance, Ongoing Support	Total	%
Personal Services	Salaries & Benefits		\$0.0	\$0.0	0.0
Services & Supplies & Capital Outlay	State Data Center		(\$693.1)	(\$693.1)	1.0
	Software	\$0.0	\$0.0	\$0.0	0.0
	Hardware	\$0.0	\$0.0	\$0.0	0.0
	IT Professional Services	\$0.0	\$0.0	\$0.0	0.0
	Total		\$0.0	(\$693.1)	(\$693.1)
	%	0.0	1.0		100.0%

10.5.4 Non-Financial Business Results

See section 4.7 "General Benefits" for a table of financial and non-financial benefits.



DRAFT Business Case for *Clean Water State Revolving Fund project*

**Oregon Department of Environmental Quality,
Operations Division, Community and Program Assistance Section**

Date:
Version: DRAFT 2.0
Ernie Weber and Chris Pickens

Business Case – Authorizing Signatures

PROPOSAL NAME AND DOCUMENT VERSION #	Clean Water State Revolving Fund (CWSRF) System, v.2.0		
AGENCY	Dept. of Environmental Quality	DATE	
DIVISION	Water Quality	DAS CONTROL #	
AGENCY CONTACT	Chris Pickens	PHONE NUMBER	503-229-6352

The person signing this section is attesting to reviewing and approving the business case as proposed.

<i>This table to be completed by the submitting agency</i>	
Agency Head or Designee	
Richard Whitman	(Date)
Director	
Signature	
Agency Executive Sponsor	
Justin Green	(Date)
Water Quality Division Administrator	
Signature	
Agency Chief Information Officer (CIO) or Agency Technology Manager	
Travis Luckey	(Date)
DEQ Chief Information Officer	
Signature	
State Data Center Representative, if required by the State CIO	
(Name)	(Date)
Signature	

<i>This Section to be completed by DAS Chief Information Office (CIO) IT Investment and Planning Section</i>	
DAS CIO Analyst	
(Name)	(Date)
Signature	
State CIO	
(Name)	(Date)
Signature	

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Executive Summary

The Oregon Department of Environmental Quality (DEQ) is a regulatory agency whose job is to protect the quality of Oregon's environment. DEQ is governed by the Oregon Environmental Quality Commission, which is a five-member panel appointed by the governor of Oregon for four-year terms to serve as the Oregon Department of Environmental Quality's policy and rulemaking board. DEQ is organized around the primary environmental media that they are charged to protect, air, land and water.

The Water Quality Program's mission is to protect and improve Oregon's water quality. Protecting Oregon's rivers, lakes, streams and groundwater quality keeps these waters safe for a multitude of beneficial uses such as drinking water, fish habitat, recreation, and irrigation. This is accomplished by developing and implementing water quality standards and clean water plans, regulating sewage treatment systems and industrial dischargers, collecting and evaluating water quality data, providing grants and technical assistance to reduce non-point pollution sources, and providing loans to communities to build treatment facilities.

Within the Water Quality program, the Clean Water State Revolving Fund (CWSRF) loan program provides below-market rate loans for the planning, design and construction of various water pollution control activities. Eligible borrowers must be public agencies including tribal nations, cities, counties, sanitary districts, soil, water conservation, irrigation and various special districts, and certain intergovernmental entities. In Oregon, the CWSRF program has provided assistance to 194 communities, financing over \$1.26 billion for pollution control projects.

CWSRF has a current staff of 11 FTE, manages about \$80 million in loan agreements annually and manages a portfolio with an overall value of close to \$750 million at any given time. The administrative budget is about \$1.6 million annually.

Since its inception in 1989, the program has had two individuals working the loan specialist position. Program data has been historically managed using spreadsheets. The number of spreadsheets used to manage the financial data increased as the program matured and additional federal oversight requirements were added. It has evolved into a complex and labor-intensive process.

The purpose of this business initiative is to procure a commercial off-the-shelf (COTS) system that can be configured for managing the CWSRF program data and meets its business needs. The goals of the business are to:

- Replace the current outdated manual system, based on spreadsheet and paper for managing CWSRF data, with one that is reliable, secure, integrated, maintainable, and reduces data entry errors.
- Enhance CWSRF business processes to improve efficiency and auditability, and to increase security and maintain the ability to comply with State and EPA requirements. Produce repeatable business operations and procedures, including interactions with DEQ's accounting staff and the State Financial Management Accounting (SFMA) system.
- Increase customer service by providing simpler, more efficient ways to conduct business and access information with the agency.
- Increase internal efficiency by providing tools for CWSRF staff to easily retrieve and process information.
- Assist the Water Quality permitting program with backlog permits by providing quicker access to the CWSRF loan program.

This business initiative closely aligns with most of Oregon, DEQ and Water Quality strategic priorities.

In preparing this Business Case, DEQ conducted market research to seek cost information. This included contacting other states using Commercial Off-the-Shelf (COTS) software to manage their CWSRF programs. DEQ also contacted states looking to replace outdated or inadequate software currently in use.

A CWSRF system will simplify the current complex process and address most of the security risks of current data management practices. More robust security will allow a multiuser system with check and balances to be used by CWSRF staff statewide and provide ready access to information by the borrowers.

The CWSRF program seeks a COTS system with the following high-level features:

- a. Manage loan applicant/borrower data; possibly via online applications
- b. Manage loan and project data
- c. Manage application and project milestones/process data
- d. Manage program financial data
- e. Manage data used for Federal reporting
- f. SRF Financial Statements
- g. Web Access for staff and applicants/borrowers
- h. Staff Dashboard
- i. Interface capabilities
- j. Customizable Workflow support
- k. Standardized and ad hoc reporting capabilities.

The current state of the CWSRF business processes has several problems including:

- Managing loan portfolios through the use of 36 spreadsheets and two MS Access databases. This is inefficient.
- Communication to authorize loan disbursements is done by phone, email, and US mail, which is inefficient.
- SFMA transaction logs are printed out on PDF reports and rekeyed into spreadsheets. This is inefficient and with no automation to prevent data entry error.
- All loan data is managed by one staff member. There is little cross training, which causes delays when that person is not available.
- There are data security concerns. Spreadsheets lack the security protections afforded by databases, such as role-based access, separate access control, logging, etc.
- The current system is complex and labor intensive.
- A recent analysis of the 36 spreadsheets reveals that many data fields are replicated. The redundant entry of data is inefficient and can be prone to data entry errors.
- The current business process is inadequately supported under the current operations. Information access for DEQ staff and borrowers is limited, and must be prepared ad hoc. There is no automated support for loan application receipt, processing or scoring.

Pursuing this business initiative provides opportunities including:

- Business process support: A CWSRF system will support an improved future state process.
- Improved business process efficiency: Manage data relevant to business processes.

- Security: Address most of the security risks of current data management practices.
- Multi-user capabilities: Role-based security will allow more staff to access and manage data closer to the time and place, where it occurs in the process flow.
- Better customer service: Small community applicants will have access to their records and reports.
- System Interface: with State Financial Management Application (SFMA) will enable CWSRF staff to work more effectively with DEQ's Accounting office.
- Audit support: A relational database solution would greatly ease the oversight reporting requirements for audits by EPA and the Secretary of State
- Reporting capabilities: Improved information access capabilities to support staff and communities.
- Project duration: Procuring a COTS solution will significantly reduce DEQ's staff costs and streamline the project schedule.

DEQ is undertaking a thoughtful process of analyzing current CWSRF loan applications, data management tools, and business processes as a basis to defining requirements for software system. Pursuing modern CWSRF software supports many of DEQ's values and IRM strategic goals. The CWSRF program has funds for the procurement and maintenance of a COTS system in their administrative fund, which is funded by loan fees. No General Fund is needed for this project.

As an alternative to COTS systems, an application could be developed internally or by using contractors. DEQ doesn't have the enough staffing resources for an internal development. Using contractors would require extra schedule for design and testing. Without the benefit of commercial updates, such systems run a high risk of becoming technically obsolete and difficult to maintain. Due to these and other shortcomings, DEQ doesn't consider them viable options at this time. DEQ will soon contract with a vendor to help the CWSRF program to define detailed requirements which support a future-state business process.

DEQ has determined procurement of a COTS solution is the preferred approach for the CWSRF program.

Key assumptions are:

- DEQ will be able to manage operational maintenance of a COTS solution effectively with internal resources and would rely on vendor support for technical issues.
- The CWSRF program can modify business processes, if program objectives are still achievable to manage the extent of COTS vendor customization.
- DEQ has the project management expertise to manage a COTS procurement effectively.

Although there are risks, which need to be mitigated in every software project, a COTS procurement has an overall lower risk profile than an internal development or contracting for a system development. The risk of obsolescence is lower. Staffing risks are less because a COTS solution doesn't require significant staff resources in design and testing, which would be the case if developing custom software.

Other states surveyed have reported that COTS software does not fully meet CWSRF program requirements and have had to customize the software to meet the business rules. Our cost estimates include vendor/contractor need to configure or augment the system to meet requirements. Nonetheless, the CWSRF program will need to balance customization versus changing flexible business processes.

A summary of estimated costs for COTS software with customization/configuration:

Item	FY20	FY21	FY22	FY23	FY24	FY25	FY26	Total
RFP Costs	\$20,000							\$20,000
Staffing Costs	\$357,272	\$249,952	\$56,479	\$45,741	\$45,741	\$45,741	\$45,741	\$846,667
Capital Outlay (includes consulting and training)	\$3,000,000							\$3,000,000

Item	FY20	FY21	FY22	FY23	FY24	FY25	FY26	Total
Licensing Costs	\$250,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$430,000
Total	\$3,627,272	\$279,952	\$86,479	\$75,741	\$75,741	\$75,741	\$75,741	\$4,296,667

The CWSRF program has the funds for this project. EPA allows states to charge a 4% administrative fee on loan principle. CWSRF has reserved 3.5% of this amount in the loan fund. The balance of the reserved funds are at \$8 million at the end of FY2017. No general funds will be requested for this project.

Purpose and Background

Background

The Oregon Department of Environmental Quality (DEQ) is a regulatory agency whose job is to protect the quality of Oregon's environment. DEQ is governed by the Oregon Environmental Quality Commission, which is a five-member panel appointed by the governor of Oregon for four-year terms to serve as the Oregon Department of Environmental Quality's policy and rulemaking board. DEQ is organized around the primary environmental media that they are charged to protect; air, land and water.

DEQ's mission is to be a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water. DEQ's values guide agency actions:

- Environmental results
- Teamwork
- Excellence and integrity
- Public service
- Employee growth
- Health, safety and wellness
- Partnerships
- Diversity
- Economic growth through quality environment

The Water Quality Program's mission is to protect and improve Oregon's water quality. Protecting Oregon's rivers, lakes, streams and groundwater quality keeps these waters safe for a multitude of beneficial uses such as drinking water, fish habitat, recreation and irrigation. This is accomplished by developing and implementing water quality standards and clean water plans, regulating sewage treatment systems and industrial dischargers, collecting and evaluating water quality data, providing grants and technical assistance to reduce non-point pollution sources, and providing loans to communities to build treatment facilities.

In the Water Quality program, the Clean Water State Revolving Fund (CWSRF) loan program provides below-market rate loans for the planning, design and construction of various water pollution control activities, including:

- Wastewater system facility plans and studies
- Secondary treatment facilities
- Advanced wastewater treatment facilities
- Sludge disposal and management
- Interceptors, force mains and pumping stations
- Infiltration and inflow correction
- Major sewer replacement and rehabilitation
- Combined sewer overflow correction
- Collector sewers
- Storm water control
- Estuary management
- Nonpoint source control

Eligible borrowers must be public agencies including tribal nations, cities, counties, sanitary districts, soil, water conservation, irrigation and various special districts and certain intergovernmental entities.

The CWSRF program is federally authorized by Title VI of the Clean Water Act. ORS 468.215 – 260 provide the statutory authority for this program. Since the inception of the program in 1989, the CWSRF has helped communities throughout the nation meet the goals of the Clean Water Act (CWA) by improving water quality,

achieving and maintaining compliance with environmental laws, protecting aquatic wildlife, protecting and restoring drinking water sources, and preserving the nation's waters for recreational use.

The CWSRF programs nationally have:

- provided 38,441 assistance agreements to communities throughout the U.S., financing over \$126 billion in high priority water quality projects;
- provided 25,889 assistance agreements to small communities, financing \$28 billion and demonstrating an active role in supporting projects for populations of fewer than 10,000 people;
- committed 98 percent of available funding to projects; and
- provided considerable cost savings for communities

Accomplishment for the CWSRF program in Oregon include:

- Net funds available for loans between 1989 – 2017 totaled \$527,517,951
- Cumulative loan total as of June 30, 2017 was \$1,188,793,638
- As of June 30, 2017 the CWSRF had active loan agreements in the amount of \$212,984,816
- Net Loans Receivable as of 6/30/2017 was \$423,629,108
- During state FY2017, 11 projects, totaling \$41.1 million were started and 6 projects totaling \$37 million were completed.

The illustration below identifies CWSRF projects in Oregon:



CWSRF current staff of 11 FTE manages about \$80 million in loan agreements annually and manages a portfolio with an overall value of close to \$750 million at any given time. The administrative budget is about \$1.6 million annually. All program data is managed on 36 Excel spreadsheets and 2 Access databases and must coordinate with DEQ and other state financial systems. Since its inception in 1987, the program has had a succession of persons working the loan specialist position. Program data has historically been managed using spreadsheets. The number of spreadsheets used to manage the financial data increased as the program matured and had additional federal oversight requirements added. These spreadsheets have been “handed down” to each new employee that assumed the position. It has evolved into a complex and labor intensive process.

Stakeholders are eligible public agencies, DEQ’s Water Quality program, DEQ and State Financial Management programs and the Environmental Protection agency. EPA administers the CWSRF program nationally. DEQ CWSRF program reports to EPA and is audited by EPA in addition to the Oregon Secretary of State’s Audits division.

Eligible applicants typically go through the following process as illustrated below

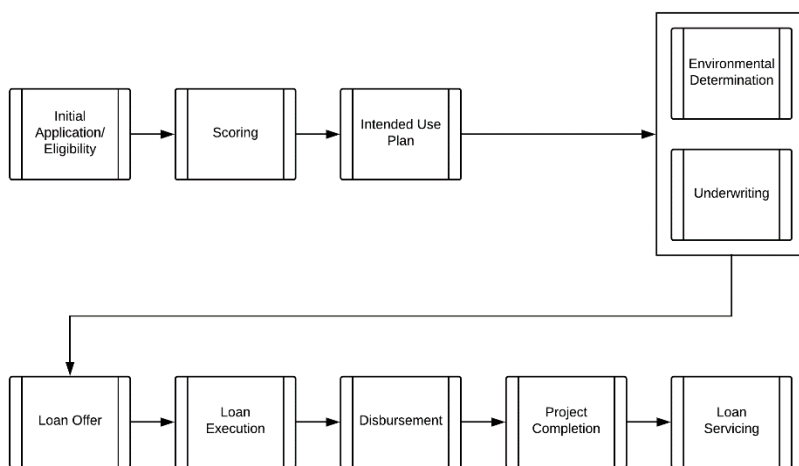


Figure 1. CWSRF Process Overview

The purpose of this business initiative is to procure a commercial off-the-shelf (COTS) system that can be configurable for managing the CWSRF program data and meets its business needs. The goals of the business are to:

- Replace the current outdated manual system, based on spreadsheet and paper for managing CWSRF data, with one that is reliable, secure, integrated, maintainable, and not prone to errors.

- Enhance CWSRF business processes to improve efficiency, auditability, increase security and maintain the ability to comply with State and EPA requirements by producing repeatable business operations and procedures, including interactions with DEQ's accounting staff and the State Financial Management Accounting (SFMA) system.
- Increase customer service by providing easier ways to conduct business and access information with the agency.
- Increase internal efficiency by providing tools for CWSRF staff to easily retrieve and process information.
- Assist the Water Quality permitting program with backlog permits by providing quicker access to the CWSRF loan program.

Governor's, Agency and Program Strategic Goals

The CWSRF program believes that there is a good alignment between the strategic goals of Oregon, DEQ and the CWSRF program and this business initiative.

Governor's priorities:

- Healthy and Safe Communities - Communities are healthy and safe when all can live independently and with dignity; where there are justice and accountability; access to health care; and opportunities to overcome hardship.
- Responsible Environmental Stewardship - Oregon's natural environment is not only beautiful, it is essential to our economy and quality of life. When Oregon's environment is healthy and strong, so is our collective future.
- A Thriving Statewide Economy - Oregonians prosper when businesses in every region grow and expand, invigorating local economies and creating opportunities for communities to thrive.

At the highest level, the Governor's Strategic Plan lays out three major initiatives for the Environmental Stewardship Focus Area:

- Meaningfully reduce Oregon's greenhouse gas emissions
- Connect more Oregonians with the outdoors
- Build connections between environmental regulation and public health to protect communities from threats to our state's environmental health

DEQ's Priorities

DEQ's Strategic Business Plan spells out several key goals and objectives the agency is seeking to make progress on, in addition to the Governor's items:

- Efficiently and responsibly meet environmental standards and emerging needs
 - Core programs are resourced appropriately
 - Consistent and effective programs meet customers' needs
 - Productive evaluation and prioritization of emerging needs
- Sustain a diverse, outcome-oriented workforce and culture
 - An engaged, energized and diverse workforce is able to fulfill DEQ's mission
 - A culture of strategic thinking and continuous improvement is supported
 - Agency outcomes are met
- Provide easy access to information and services
 - High quality information services are readily accessible
 - Our processes meet customer needs
- Maintain informed and engaged relationships with tribes and Oregon's communities
 - Collaborative productive relationships with partners and stakeholders

- Proactive engagement with individuals and communities where they live, work and play
- Sustain strong, effective internal business practices
 - Responsible stewards of agency resources
 - Consistently use and improve agency best practices.

DEQ's IRM Strategic Goals.

- Supporting our stakeholders - High quality information and IT solutions are in place for excellent service delivery.
- Stewardship of the enterprise IT resources - Resources are assigned to ensure IT solutions address business needs.
- Enhancing information security - Agency information is secure and protected through our staff and technology.
- Invest in our workforce and partnerships - IT staff and internal and external stakeholders actively partner to champion DEQ's mission and services.

Problem or Opportunity Definition

Problem

The current state of the CWSRF business processes has several problems including:

- DEQ CWSRF program is managing loan portfolios through the use of 36 spreadsheets and two MS Access databases. This is inefficient.
- Communication to authorize loan disbursements is done by email, which doesn't leave a good audit record.
- SFMA transaction logs are printed out on PDF reports and rekeyed into spreadsheets.
- All the loan and grant data is managed by one staff member. When she is on leave, other DEQ staff and communities often have to wait for her return to get information needed for their work.
- There are data security concerns based on the reliance of spreadsheets to house loan portfolio information. Spreadsheets lack the security protections afforded by databases, such as role-based access, separate access control, logging, etc.
- The current system is complex and labor intensive. While the program is bringing on additional staff, cross-training for this function is complicated by the sheer quantity of data repositories and the complexity of managing them.
- A recent analysis of the 36 spreadsheets reveals that many of the same data fields are replicated. The redundant entry of data is inefficient and can be prone to data entry errors.
- The current business process is inadequately supported under the current operations. The loan information is not readily available to other programs staff either in the field or at headquarters. There is no automated support for loan application receipt, processing or scoring.

Opportunity

Other states are using commercially developed software solutions to help manage their CWSRF programs. DEQ is undertaking a thoughtful process of analyzing current CWSRF loan applications, data management tools and business processes as a basis to defining requirements for software system.

Anticipated opportunities include:

- Business process support - A CWSRF system will support an improved future state process
- Improved business process efficiency - Manage data relevant to business process
- Security - Address most of the security risks of current data management practices

- Multi-user capabilities - Role-based security will allow more staff to access and manage data closer to the time and place, where it occurs in the process flow.
- Better customer service - Small community applicants will have access to their records and be able to run reports to satisfy their information needs.
- System Interface - with SFMA will enable the efficient download and upload data to work more effectively with DEQ's Accounting office.
- Audit support - A relational database solution would greatly ease the oversight reporting requirements for audits by EPA and the Secretary of State. Data fields needed for audits can be added (e.g. update by and date, update history).
- Reporting capabilities - Improved capabilities to support staff and communities throughout the entire application and loan cycle.
- Project duration - Procuring a COTS solution will significantly reduce DEQ's staff costs and project schedule, which would otherwise be used for system design, development and testing.
- Supported Solution - A vendor supported system would mitigate the risks of obsolescence experienced with internally developed systems because the vendor would perform maintenance and upgrades.

Alignment with Priorities

Priorities/Opportunities	Process Support	More Efficient	Security	Multi-user	Customer Service	System Interface	Audit Support	Improved Reporting	Time to Market
Healthy and Safe Communities	X							X	X
Responsible Environmental Stewardship	X	X		X	X				
Thriving Statewide Economy		X			X			X	X
Efficiently and responsively meet Environmental Standards	X	X			X				X
Sustain a diverse, outcome-oriented workforce and culture	X	X		X	X	X			
Provide easy access to information and services	X		X	X		X		X	
Maintain informed and engaged relationships with tribes and Oregon's communities	X		X	X	X			X	X
Sustain strong, effective internal business practices	X	X	X	X	X	X	X	X	
Supporting our stakeholders	X	X		X	X	X	X	X	
Stewardship of the enterprise IT resources	X		X	X	X			X	X
Enhancing information security			X	X			X		
Invest in our workforce and partnerships	X	X			X			X	X

Alternatives Analysis

Constraints

This analysis is framed within the following constraints:

- DEQ would like to utilize the current staff SME, who is most knowledgeable, before she retires. A long development cycle is undesirable and carries greater risks.

- DEQ doesn't have the IT staffing resources to develop and maintain this application in-house.

Assumptions

In evaluating the different alternatives for developing and implementing a CWSRF application, the following core assumption will be used to drive selection criteria.

- With a vendor supplied solution, DEQ will be able to effectively manage the COTS system operationally. Technical issues will require vendor support.
- To the extent possible, the CWSRF program can adjust their business processes to align with the designed configuration capabilities of a COTS system designed to manage a CWSRF program. Customized functionality will be designed and implemented in a way to minimize cost and staffing impacts for future software upgrades. The need for customized functionality will be carefully evaluated concerning its impact on initial implementation schedule or whether it could be phased in later.
- To the extent possible, application customization should be performed by the vendor supporting the system to minimize issues for future upgrades.
- The DEQ and DAS data centers are available as a data resource, but not required if a hosted solution is chosen. If a hosted solution is chosen, it will be subjected to the DAS Cloud Policy.
- DEQ has the project management resources to oversee a procurement and implementation of a COTS solution.

Solution Requirements

Detailed business requirements for the CWSRF application will result from a requirements definition phase that will start soon, and will include detailed stakeholder input. At this time, the high level requirements described in the Background section are framing project decisions to date.

Functional requirements include:

- Manage loan applicant/borrower data; possibly via online applications** (e.g. base information: address, phone fax, email, county, project officer, region including population, unemployment rates, legislative districts, assign loan/bond purchase numbers including amendments).
- Manage loan and project data** (e.g. Loan type, status (disbursing, repayment etc.), reserve amount, interest rate, Principal forgiveness eligibility, Project type: (Green project, Waste Water Treatment plants, construction, planning etc.), Repository for electronic data files such as checklists, Upload info for Median Household income etc.)
- Manage application and project milestones/process data** (e.g. Priority list development (IUP support), Basin, Sub-Basin, Watershed, Facility location and identification, Milestone tracking (Engineering review, environmental, cross cutters, public comment), Inspections, Project manager Contacts, Contract approvals and change orders, Project spending forecasts, Input fields for borrowers' financial statements (financial analyses including solvency ratios for borrowers).
- Manage program financial data** (e.g. Disbursement processing, rollups/dashboard for total disbursed and total NET disbursed and total fed funds and bond funds disbursed including memo fields, Encumbrances/obligations, Amortization schedule creation and management, terms (interest rate, including new amortization), Billing and repayment processing, Standard reporting, Roll ups for total principal, interest, fees, federal funds, Manage state match – track bond funds spending and track total match met, track bond repayments by borrower, track bond debt service payments made by program).
- Manage data used for Federal reporting** – (e.g. Equivalency tracking, State Environmental Policy Act (SEFA) and National Environmental Policy Act (NEPA) reporting, Federal and other funding draws and

transfers, Identify borrowers (sub recipients) Single Audit Act compliance).

- f. **SRF Financial Statements** - general ledger for program accounting and administrative costs.
- g. **Web Access for staff and applicants/borrowers** – to view their application/loan data and run reports. Role based permissions for staff for data access and reporting.
- h. **Staff Dashboard** – (e.g. Upcoming events such as first and final repayments, Inspection due, Reporting due (both for borrowers and for staff, estimated project completion).
- i. **Interface capabilities** – to State Financial Management Accounting system.
- j. **Customizable Workflow support** – the steps and documents needed to support application and loan processing and program specific processes.
- k. **Reports** - Standard reports and ad hoc reporting capabilities.

In addition to the business requirements referenced above, nonfunctional requirements include:

- System requirements aligning with the latest internet and user experience technologies.
 - System and data security for Level I data and user authentication per Enterprise Security Office policies.
 - Performance Standards
 - Supporting potentially hundreds of simultaneous transactions
 - Capacity to store millions of historic forms
 - Always available and reliable (99% uptime)
 - Maintenance and Backup
- System requirements aligning with the records retention and data integrity/security standards set forth by US EPA, DAS and DEQ.
- Robust data platform supporting all requirements with flexibility to expand with future requirements (scalable and modular)
- Configurable to support milestone tracking within the business process.

The detailed requirements will be completed prior to an application procurement RFP process.

Alternatives Identification

To implement an application meeting the solution requirements, there are two general approaches to consider: build the solution or purchase and configure the solution. Within these approaches, there are additional approaches. DEQ can also choose the status quo, which is to do nothing and continue using current processes along with the numerous data management tools. For some added context, a sampling of eight states CWSRF systems were examined. It appears that other states have either developed (utilizing internal resources or using 3rd party application development contractors) an application, or purchased an off-the-shelf product and configured it to meet their program needs.

Status Quo

Continuing with the current manual process is not a viable option for reasons documented in this business case. However, the status quo is being used as a baseline against which all project benefits will be analyzed.

Develop the Solution

Two options were considered for developing a custom solution, which would meet all of the solution requirements.

- **Develop in-house** – Use agency technical and program resources to design, develop and implement a custom solution.
- **Contract Out** – Hire an application development firm to design, develop and implement a custom solution.

Purchase and Configure a Solution

DEQ contacted other states' CWSRF programs to research potential configurable solutions, which could be used to meet the solution requirements of the CWSRF program.

Alternatives Analysis

Status Quo

As stated above, continuing with the status quo is not a viable option.

- Status Quo will not allow DEQ to comply with current and future rules, guidelines and statutes.
- Status Quo does not support most of the functional solution requirements.
- Status Quo does not align with the records retention and data integrity/security standards set forth by US EPA, DAS and DEQ.

DEQ will only use the Status Quo to analyze the benefits of the end solution

Elimination of Alternatives

DEQ determined that two other alternatives were not viable or competitive to the final option.

- **Develop in-house** – DEQ determined that it does not have adequate resources to design, develop and implement a custom solution; particularly within a reasonable timeframe.
- **Contract Out** – This option would require significant technical and program resources and time to get requirements at a sufficient level of detail to proceed from design to a finished product. There are greater risks with this approach as the application would be unproven (in the marketplace of other CWSRF programs) and would have greater costs related to both functionality and periodic architectural upgrades.

Best Alternative

Considering all of the objectives and solution requirements, DEQ's best option is to purchase and configure a commercial product.

Commercially-available software was identified during the market research and benchmarking activities. COTS solutions offer the needed base functionality and configuration support to meet the CWSRF program's needs. This option allows for evaluation and selection of the best commercially-available software product that could be purchased/licensed and vendor support for configuration and implementation as well as ongoing support after implementation.

The benefits of using commercially-available software products include:

- The core technology has already been developed and is in use by other states' CWSRF programs.
- The system design and functions are based on CWSRF standards and best practices.
- The platforms are generally robust, scalable and modular, which allows for flexibility in supporting unique and changing requirements.
- Vendors frequently have significant experience in deploying solutions for their customers, which can lower risks associated with implementation.

Alternative	Pros	Cons
Status Quo	<ul style="list-style-type: none">• Current budget and staffing requirements are unchanged	<ul style="list-style-type: none">• It does not meet key solution requirements• It remains unnecessarily complex which inhibits cross-training.• It is not a multiuser application• It does not support much of the CWSRF business process• It does not meet record retention and

Alternative	Pros	Cons
Develop In-house	<ul style="list-style-type: none"> • Design and build a custom system that meet solution requirements • Avoids a lengthy RFP process • DEQ uses development tools and practices familiar to agency staff 	<p>date integrity/security standards.</p> <ul style="list-style-type: none"> • Internal developments historically have a lengthy design and development schedule • DEQ doesn't have the staff resources to dedicate to an internal development • DEQ lacks the experience needed to develop financial systems of this nature • DEQ bears to additional architectural support costs common when upgrading operating systems and application development tool set needed to keep system current.
Contract out	<ul style="list-style-type: none"> • Design and build a custom system that meet solution requirements • Matches with common historical development approach used by DEQ. • DEQ can specify the use of tools and development practices in use by technical staff 	<ul style="list-style-type: none"> • Has a lengthy design and development schedule • Requires substantial technical oversight and program staff resources. • Custom software often results in the need for custom support • May require additional contracting for changes and enhancements • Lengthy RFP process • Custom software requires more testing time and resources
Purchase and configure Commercial software	<ul style="list-style-type: none"> • System is already designed and developed • DEQ can benefit from knowing other States' experiences with the product • Gain new functionality and meet requirements • Commercial products have pre-defined support flows, reducing workload for the Helpdesk and technical staff • Requires less testing. • Using a market-tested product • DEQ would not need to maintain application environment • Vendor provides upgrades as part of maintenance contract 	<ul style="list-style-type: none"> • Lengthy RFP process • Requires significant technical and program staff resources during implementation • DEQ reliant on 3rd party vendors • CWSRF program may need to adapt some of their business processes to fit within the design constraints of the application. • Some customization is expected to meet all program requirements.

An RFP process would be required to purchase, configure and support a commercially-available software product. There are multiple vendors with CWSRF software products. There may be other vendors with viable solutions as well. We expect a competitive bidding process.

Cost

CWSRF Pricing Worksheet

Item	FY20	FY21	FY22	FY23	FY24	FY25	FY26	Total
RFP Costs	\$20,000							\$20,000
Staffing Costs	\$357,272	\$249,952	\$56,479	\$45,741	\$45,741	\$45,741	\$45,741	\$846,667
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Total	\$3,627,272	\$279,952	\$86,479	\$75,741	\$75,741	\$75,741	\$75,741	\$4,296,667

Cost Assumptions

1. Staffing costs will be higher during the first two years which include implementation.
2. Consulting cost are for both a development contractor to do some software customization work and for a QA contractor (\$50,000)
3. Training costs are typically embedded in the Implementation contract with a vendor and are not broken out.

Oregon DEQ CWSRF collects a fee of 0.50% once annually, calculated on the current unpaid principal balance of the loan. These collected fees are segregated from the loan fund, and pay the entire administrative costs of the program. Although the EPA allows a 4% administrative allocation from the capitalization grant, the program chooses instead to “bank” that administrative authority against future needs and leaves those dollars in the loan fund available for borrowers. The banked authority stands at nearly \$9 million in FY2017. It’s the program’s intent to pay for the largest part of the upcoming procurement, the actual software purchase, out of that banked authority rather than reduce cash in the administrative fund.

No General Fund will be requested.

Benefit

Benefit	Detail
Improved access to project and loan information	<ul style="list-style-type: none"> • With improved access to loan and project information, DEQ staff would be more effective in their jobs • Public entities could access their records to verify loan approval status and loan details. • Mobile devices can interface with browser-based applications to retrieve information.
Improved program efficiency	<ul style="list-style-type: none"> • Customers complete loan applications online • List of Value drop-down fields, required fields ensure that more applications are complete and correct. • Loan and project documents more easily shared. • Work flow support • Less redundant data entry
Work flow support	<ul style="list-style-type: none"> • Application receipt and approval • Loan and project milestone tracking • Multi-user access and update capability
Implementation Considerations	<ul style="list-style-type: none"> • No protracted design, development and testing phases • Fewer staff resources required • Shorter overall project schedule to implement
Improved data and application security	<ul style="list-style-type: none"> • MS Excel is not a secure way to manage financial data • Relational databases have login and role-based security protections • Applications will have better backup and recovery mechanisms
Improved reporting capabilities	<ul style="list-style-type: none"> • Standardized reports will result in better customer support

Benefit	Detail
	<ul style="list-style-type: none"> • Customized views can be used on dashboards to improve staff and management program monitoring and oversight. • More easily satisfy Federal reporting requirements. • More real-time information can help CWSRF marketing efforts, which can get more money loaned to communities and positively impact fund utilization rate (94%) per EPA's 2016 Program Evaluation Report.
Maintainability	<ul style="list-style-type: none"> • Less prone to obsolescence than internal developed software • Vendor responsible for code maintenance and updates • Many COTS are hosted (often on the cloud), which minimize DEQ infrastructure requirements.
Improved Customer Service	<ul style="list-style-type: none"> • Public entities will be able to more readily access loan approval status and loan data. • Small communities can get project dependent WQ permits issued sooner reducing overall permit backlog experienced by the WQ program

Risk

This software procurement comes with risks inherent in these types of projects. Recognition of these risks and collaborative effort between DEQ and vendor will be done to help mitigate potential problems. Risks will be rated by both probability and impact. The table below defines the probability and impact rating.

Probability	Impact
<p>The likelihood a risk event will occur:</p> <p>High: It is a near certainty this risk event will occur in part or in whole. The plan will consider high probability risks as if they will occur and focus primarily on mitigation.</p> <p>Medium: It is a reasonable possibility the risk event will occur. The plan will consider medium probability risks as preventable and will focus primarily on preventative measures.</p> <p>Low: It is not likely this risk event will occur. The plan will consider low probability risks with a focus on monitoring.</p>	<p>The level of change that the occurrence of a risk event will cause to the cost, schedule, scope, or quality of the project:</p> <p>High: An unmitigated occurrence of this risk event will cause a significant increase in the cost and schedule of the project. The Project Team will assume mitigation must be implemented to lessen the impact of this type of risk event.</p> <p>Medium: An occurrence of this risk event may negatively affect the cost and/or schedule of the project. The Project Team will assume preventative measures will be adequate to prevent the medium impact risks.</p> <p>Low: An occurrence of this risk will have a minor effect on the project. The Project Team will assume low impact risks can be avoided through monitoring</p>

<i>Risk</i>	<i>Probability</i>	<i>Impact</i>	<i>Mitigation</i>
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	Risk	Probability	Impact	Mitigation
1	Resources: Competition with core program work during the implementation of product. Sole loan specialist is approaching retirement in a few years.	High	Medium	<ul style="list-style-type: none"> • Have a detailed project plan showing the schedule and level of resources required for implementation • Plan with managers and staff on how needed project resources can be available during implementation. • Depending on timing
2	Implementation schedule is too aggressive	Medium	High	<ul style="list-style-type: none"> • Carefully review contractor submitted schedule for feasibility given DEQ staffing levels and forecasted availability. • Negotiate schedule modifications prior to signing contract. • Explore feasibility of phased implementation of application modules/functions. • Explore staffing strategies to mitigate implementation schedule impacts.
3	Independent QA contractor increases project scope or workload	Low	Medium	<ul style="list-style-type: none"> • Schedule contract of QA contractor to occur prior to the execution of the procurement contract, so foreseen issues can be addressed before the contractor's implementation plan is approved. • Select a contractor that has familiarity with DEQ and experience with projects involving commercial-off-the-shelf products.
4	Inability to select a suitable vendor and commercial product	Low	High	<ul style="list-style-type: none"> • Keep the RFP focused and concise to avoid ambiguity. • Ensure all requirements are clearly stated in the RFP. • Draft the RFP using information from other states that have issued a successful RFP.
5	Difficulty interfacing with current accounting systems	Medium	Medium	<ul style="list-style-type: none"> • Conduct a thorough requirements analysis of DEQ's accounting systems prior to releasing an RFP. • Require the vendor to list all concerns regarding DEQ's accounting systems and provide a plan for addressing the concerns. • Consider a phased implementation, where SFMA interfaces are implemented in a later phase.

	Risk	Probability	Impact	Mitigation
6	Difficulty integrating with future document management and financial management systems	Medium	Medium	<ul style="list-style-type: none"> The accounting manager is a member of the CWSRF steering committee. The project manager will communicate with the accounting manager through the duration of the project regarding upcoming changes to accounting system. The project manager will frequently check in with the project to acquire an electronic documents managing system. Integration requirements will be documented when known and published in procurement RFP.
7	Data issues requiring extensive cleanup are discovered during migration to procured system.			<ul style="list-style-type: none"> Analysis of spreadsheets produced a data dictionary providing field level information about field type (as defined in databases), optionality and other key characteristics that'll be essential in mapping to procured system. Explore phasing data migration to migrate active accounts prior to historical records. Consider keeping historical records in archived repository for access when needed. Engage in data QA work prior to procurement to assess and repair data quality/completeness issues preemptively.
8	Testing plans and resources cause project delays	Medium	High	<ul style="list-style-type: none"> Seek product where vendor has automated testing tools, and whose scope, methods and results are made available to DEQ. Include vendor-provided testing scripts in contract terms. Run current and new systems in parallel, so user can simulate key processes and verify some results against current system. Explore phased implementation of application modules allowing testing to be done at a pace compatible with existing resources. Assign staff to be responsible for testing different functions, so everyone is testing everything.
9	Funding Availability issues	Low	High	<ul style="list-style-type: none"> Involve program manager in order to secure funding and limitation authority needed to procure software.

	<i>Risk</i>	<i>Probability</i>	<i>Impact</i>	<i>Mitigation</i>
				<ul style="list-style-type: none"> • Work with budget analysts to provide needed information on a timely basis.
10	Poor user acceptance	Medium	High	<ul style="list-style-type: none"> • Engage key users in requirements definition. • Engage staff in process changes required by procured application. • Ensure that users get adequate training and that there are resources available to answer questions and provide timely support.

Conclusions and Recommendations

Conclusions

The purpose of this business initiative is to procure a COTS solution that can be configurable for managing the CWSRF program data and meets its business needs. The goals of the project are to:

- Replace the current outdated manual system, based on spreadsheet and paper for managing CWSRF data, with one that is reliable, secure, integrated, maintainable, and not prone to errors.
- Enhance the current CWSRF business process to improve efficiency, increase security and maintain the ability to pass external audits by producing repeatable business operations and procedures.
- Increase customer service by providing an easier way to do business and access information.
- Increase internal efficiency by providing tools for CWSRF staff to easily retrieve and process information.

The CWSRF program seeks a COTS system to meet business requirements.

The current manual process and data management is inefficient and error prone. The current business processes are inadequately supported under the current operations. Poor information access by other staff and customers is a big issue. There is no automated support for loan application receipt, processing or scoring.

Some other states are using COTS software to manage their CWSRF programs, and many others are looking to replace outdated or inadequate software currently in use. In preparing this business case, project staff have contacted some states, seeking cost information. A CWSRF system will simplify the current process and address many of the current shortcomings.

DEQ is undertaking a thoughtful process of analyzing current CWSRF loan applications, data management instruments and business processes as a basis to defining requirements for software system. Pursuing modern CWSRF software supports many of DEQ's values and IRM strategic goals. The CWSRF program has funds for the procurement and maintenance of a COTS system in their administrative fund, which is funded by loan fees. No General Fund is needed for this project.

As an alternative to COTS systems, an application could be developed internally or by using contractors. DEQ doesn't have the enough IT staffing resources for an internal development. Using contractors would require extra schedule for design and testing. Without the benefit of commercial updates, such systems run a high risk of becoming technically obsolete and difficult to maintain. Due to these and other shortcomings, DEQ doesn't consider them viable options at this time. DEQ will soon contract with a vendor to help the CWSRF program to define detailed requirements which support a future-state business process.

DEQ believes that procurement of a COTS solution is their preferred approach for the CWSRF program.

Key assumptions are:

- DEQ will be able to effectively manage operational maintenance of a COTS solution with internal resources and would rely on vendor support for technical issues.
- The CWSRF program can modify business processes, if program objectives are still achievable to manage the extent of COTS vendor customization required to their product.
- DEQ has the project management expertise to effectively manage a COTS procurement.

Although there are risks, which need to be mitigated in every software project, a COTS procurement has an overall lower risk profile than an internal development or contracting for a system development. The risk of obsolescence is lower. Staffing risks are less because a COTS solution doesn't require significant staff resources.

Other states surveyed have reported that COTS software does not fully meet CWSRF program requirements and have had to customize it. Our cost estimates include that likelihood that the system vendor/contractor would need to configure or augment the system to more fully meet requirements. Nonetheless, the CWSRF program will need flexibility in their business processes. COTS systems often come with pre-configured process support. Changes to COTS base code will increase upgrade and maintenance costs.

A summary of estimated costs for COTS software with customization include

Item	FY20	FY21	FY22	FY23	FY24	FY25	FY26	Total
RFP Costs	\$20,000							\$20,000
Staffing Costs	\$357,272	\$249,952	\$56,479	\$45,741	\$45,741	\$45,741	\$45,741	\$846,667
Capital Outlay (includes consulting and training)	\$3,000,000							\$3,000,000
Licensing Costs	\$250,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$430,000
Total	\$3,627,272	\$279,952	\$86,479	\$75,741	\$75,741	\$75,741	\$75,741	\$4,296,667

Key assumptions are:

- DEQ will be able to effectively manage operational maintenance of a COTS solution with internal resources and would rely on vendor support for technical issues.
- The CWSRF program can modify business processes, if program objectives are still achievable to manage the extent of COTS vendor customization required to their product.
- DEQ has the project management expertise to effectively manage a COTS procurement.

Recommendations

DEQ believes that the most viable option is to procure a commercial off-the-shelf software solution to serve the CWSRF program. This choice will allow the CWSRF program to move forward with a much needed modernization of their current practice of managing their loan portfolio and automate their ability for loan application receipt, processing and scoring of loan applications.

DEQ lacks staff resources for an internal application development project.

Consequences of Failure to Act

Failure to act will perpetuate the current complex and inefficient process of having a single employee near retirement age use 36 spreadsheets to manage the CWSRF portfolio. The CWSRF program would be severely hindered in its efforts to improve business processes to allow greater access and use of loan and public entity project information to effectively do their jobs. The potential customer service benefits would go unrealized. Security risks of managing a \$750 million loan portfolio and spreadsheets would remain.

CRITERIA	WEIGHT	SCORING GUIDE	CWSRF Information system		EDMS		New Public Records System	
TOTAL WEIGHTED PROJECT SCORE			114		153		153	
Strategic Value			Raw	Weighted	Raw	Weighted	Raw	Weighted
Required Service/Product-Business Alignment (are any of these are true?) <ul style="list-style-type: none"> Mandate (legislative, federal or state) Meets a strategic business need Governor Initiative/Strategy Priority/Compliance for industry 	5	0: none are true 3: one is true 6: two or three are true 9: all are true	6	30	9	45	9	45
Value to Customer Number of users and the level of positive impact for using the product/service. Consumers or users of the service, product or data. Customer could be citizens, internal agency users, other state/local agencies or other external stakeholders. Or, projects that are funded through grants, IGAs, etc.	5	0: no value to customer 3: low value to customer 6: medium value to customer 9: high value to customer	9	45	9	45	9	45
Leverage Potential Multiplier effect: <ul style="list-style-type: none"> Service/product can be leveraged as a shared or managed service across agencies or policy area Service/product can be leveraged as a utility service Service/product adds value for external partners 	3	0: no potential, isolated service 3: low potential 6: medium potential 9: high potential	3	9	6	18	6	18
Risk								
Importance to Risk Mitigation Would the agency, state, or its customer be exposed to a risk or impact if the service or product is not offered? Or, is an existing service at risk? Do other current services/products depend on it? This could be security, safety, legal or any other risk related in loss .	5	0: no risk to state/ customer if not offered 3: low risk to state/customer if not offered 6: medium risk to state/customer if not offered 9: high risk to state/customer if not offered	6	30	6	30	6	30
Financial								
Return on Investment (ROI) / Cost Avoidance Project ROI reduces cost in expenditures once a project becomes a program. Must have a way to measure ROI and the amount of cost that will be avoided due to implementation of the project.	5	0: ROI none or unknown 3: ROI gained over two biennia 6: ROI gained within two biennia 9: ROI gained within one biennium	0	0	3	15	3	15

SPECIAL REPORTS

FACILITIES

DEQ leases all of its office space. The following chart details the agency's monthly lease expenses and describes any potential changes to current leases or office locations.

- We added one location in Klamath Falls (June 2017) after vacating an office space leased from the U.S. Postal Service.
- We added one location in Salem (February 2018) at the Labor & Industries building after vacating space at DAS' request in the State Library in January 2018.
- The lease for an office space in Grants Pass was ended earlier than the July 2018 natural expiration date. Location closed.
- We plan to close the Baker City office before the natural lease expiration date in October 2019.

Lease	Lease expiration date	Current monthly lease expense	Lease disposition
Baker City	10/31/2019	\$ 400.00	Expect to close office earlier than natural expiration of lease on Oct. 31, 2019
Bend	10/31/2018	\$23,815.91	Expect to lease to end date with option to extend beyond. Intend to amend the current lease in 2018 to incorporate expenses associated with DEQ requested tenant improvements.
Coos Bay	4/30/2020	\$ 5,337.33	Expect to lease to end date with option to extend beyond
The Dalles	5/31/2019	\$ 4,545.11	Expect to lease to end date with option to extend beyond
Eugene	Indefinite	\$ 26,105.75 (DAS uniform rent)	Expect to lease for an indefinite period
Hillsboro - Laboratory	7/1/2017 Updated Biennially	\$ 149,991.00 (DAS self-support rent)	Expect to lease for an indefinite period. Self-support rent set biennially to cover cost of Certificate of Participation debt service plus ongoing operations and maintenance. Share facility with Oregon Public Health Laboratory.
Klamath Falls	6/30/2022	\$552.00	Ended prior lease with U.S. Postal Service and relocated in June 2017 to new office space. Expected to lease to end date.
Medford	6/30/2022	\$11,079.65	Expected to lease to end date with option to extend beyond
Pendleton	Indefinite	\$9,942.65 (DAS uniform rent)	Expected to lease for an indefinite period. Expect one-time payment to DAS for tenant improvement project to build-out a DEQ wellness room in the Pendleton office space. Expect this work to commence sometime in 2019.

SPECIAL REPORTS

Lease	Lease expiration date	Current monthly lease expense	Lease disposition
Portland – Headquarters and NW Region	10/31/2031	\$ 218,283.65	Expected to lease to end date. Offices have co-located in same building.
Salem	6/30/2025	\$ 14,961.35	The DEQ Salem office has co-located with the Oregon Department of Fish & Wildlife at its Headquarters in Salem (4034 Fairview Industrial Drive).
Salem – Labor & Industries Building	Indefinite Period	\$ 346.09	We moved into this office space in February 2018 after vacating space in the State Library at the request of DAS.
Tillamook	12/31/2020	\$ 419.60	Sublease with Department of Agriculture. Expect to lease to end date with option to extend beyond.
Vehicle Inspection Station - Clackamas	8/31/2024	\$ 18,476.12	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station -Gresham	12/31/2023	\$16,650.73	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station -Hillsboro	7/31/2027	\$28,538.58	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station - Medford	10/31/2022	\$5,520.00	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station - NE Portland	12/31/2025	\$16,795.59	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station – Scappoose	11/30/2025	\$1,725.60	Expect to lease to end date with option to extend beyond
Vehicle Inspection Station -Sherwood	2/28/2027	\$10,914.00	Expect to lease to end date with option to extend beyond
Vehicle Inspection Program-Tech Center	7/31/2025	\$14,773.41	Expect to lease to end date with option to extend beyond

SPECIAL REPORT

SUMMARY OF RECENT DEQ AUDIT RESULTS

Secretary of State Audits

The Secretary of State conducted the following audits:

- **Annual Statewide Financial Audit FY2017 ([Management Letter No. 340-2018-0101](#)):** The Secretary of State annual statewide financial audit report issued for the year ending June 30, 2017 concluded that the segment of the financial accounts audited were fairly presented, in all material respects, in accordance with generally accepted accounting principles in the United States of America in relation to the comprehensive annual financial report (CAFR). There was one finding dealing with internal controls over the handling of checks received in the mailroom. This finding has been resolved.
- **Clean Water State Revolving Fund (CWSRF) financial statement and compliance audits FY2017 ([Report 2018-17](#)):** The Secretary of State auditors concluded that the CWSRF financial statements were presented fairly, in all material respects, in accordance with generally accepted accounting principles in the United States of America. Also, the auditors didn't identify any material weaknesses in internal control or instances of noncompliance or other matters that are required to be reported under Government Auditing Standards. The auditors had no major findings or recommendations.
- **DEQ Air Quality Permitting Process ([Report 2018-01](#)):** The Secretary of State audited DEQ's air quality permitting process to determine how DEQ could improve its air quality permitting process to better safeguard Oregon's air quality. Key findings include that 43 percent of DEQ's largest and most completed air quality permits renewals are overdue; DEQ struggles to issue timely permits; and that untimely permits, combined with a current backlog of inspections, endanger the state's air quality and health of Oregonians.

The EPA conducted the following audits

- **Program Evaluation Report for Oregon's Clean Water State Revolving Loan Fund (FY2017):** EPA determined that DEQ complies with all financial and technical grant conditions except the operating agreement between EPA and DEQ developed in 2010, which is already being updated to reflect recent Clean Water Act amendments and the program's current standard operating procedures. The final Program Evaluation Report did not result in any outstanding action items for DEQ. EPA noted that the Oregon CWSRF program funds clean water projects that deliver significant environmental benefits throughout the state, which is the result of dedicated staff and management who ensure projects are properly ranked, published on the Intended Use Plan, quickly funded, and well managed through the life of the loan agreements. EPA also noted the efforts to strengthen and improve the program through hiring new staff and strategically addressing program improvements.

U.S. Environmental Protection Agency audits

Environmental Quality, Dept of

**Summary Cross Reference Listing and Packages
2019-21 Biennium**

Agency Number: 34000

BAM Analyst: Wittekind, Linnea

Budget Coordinator: Cimmiyotti, Nicholas - (503)229-5714

Cross Reference Number	Cross Reference Description	Package Number	Priority	Package Description	Package Group
001-00-00-00000	Air Quality	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
001-00-00-00000	Air Quality	021	0	Phase - In	Essential Packages
001-00-00-00000	Air Quality	022	0	Phase-out Pgm & One-time Costs	Essential Packages
001-00-00-00000	Air Quality	031	0	Standard Inflation	Essential Packages
001-00-00-00000	Air Quality	032	0	Above Standard Inflation	Essential Packages
001-00-00-00000	Air Quality	033	0	Exceptional Inflation	Essential Packages
001-00-00-00000	Air Quality	040	0	Mandated Caseload	Essential Packages
001-00-00-00000	Air Quality	060	0	Technical Adjustments	Essential Packages
001-00-00-00000	Air Quality	070	0	Revenue Shortfalls	Policy Packages
001-00-00-00000	Air Quality	111	0	Oversee Electric Vehicle Rebate Program	Policy Packages
001-00-00-00000	Air Quality	114	0	Reduce Wood Smoke Pollution	Policy Packages
001-00-00-00000	Air Quality	116	0	Eliminate the Air Quality Backlog	Policy Packages
001-00-00-00000	Air Quality	118	0	Maintain Effective Vehicle Inspection Service	Policy Packages
001-00-00-00000	Air Quality	119	0	Implement Air Toxics Permitting Program	Policy Packages
001-00-00-00000	Air Quality	170	0	DEQ Reorganization Improve Alignment / Outcomes	Policy Packages
002-00-00-00000	Water Quality	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
002-00-00-00000	Water Quality	021	0	Phase - In	Essential Packages
002-00-00-00000	Water Quality	022	0	Phase-out Pgm & One-time Costs	Essential Packages
002-00-00-00000	Water Quality	031	0	Standard Inflation	Essential Packages
002-00-00-00000	Water Quality	032	0	Above Standard Inflation	Essential Packages
002-00-00-00000	Water Quality	033	0	Exceptional Inflation	Essential Packages
002-00-00-00000	Water Quality	040	0	Mandated Caseload	Essential Packages

Environmental Quality, Dept of

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Cross Reference Number	Cross Reference Description	Package Number	Priority	Package Description	Package Group
002-00-00-00000	Water Quality	060	0	Technical Adjustments	Essential Packages
002-00-00-00000	Water Quality	070	0	Revenue Shortfalls	Policy Packages
002-00-00-00000	Water Quality	120	0	Minimize Impacts from Urban & Hwy Stormwater	Policy Packages
002-00-00-00000	Water Quality	121	0	Ensure Protective Onsite Septic Systems	Policy Packages
002-00-00-00000	Water Quality	122	0	Setting and Implementing WQ Standards	Policy Packages
002-00-00-00000	Water Quality	123	0	Harmful Algae Bloom Response and Assessment	Policy Packages
002-00-00-00000	Water Quality	124	0	Integrated Water Resources Strategy	Policy Packages
002-00-00-00000	Water Quality	125	0	Effectively Managing the CWSRF Loan Portfolio	Policy Packages
002-00-00-00000	Water Quality	126	0	Klamath Basin Water Quality Improvements	Policy Packages
002-00-00-00000	Water Quality	127	0	Water Quality Permit Program Improvements	Policy Packages
002-00-00-00000	Water Quality	128	0	Improving Water Quality Outcomes	Policy Packages
002-00-00-00000	Water Quality	129	0	Developing and Implementing Clean Water Plans	Policy Packages
002-00-00-00000	Water Quality	160	0	Onsite Septic System Loan Program	Policy Packages
002-00-00-00000	Water Quality	161	0	Identify and Meet Water Infrastructure Needs	Policy Packages
002-00-00-00000	Water Quality	162	0	Technical Assistance to Smaller Communities	Policy Packages
002-00-00-00000	Water Quality	163	0	Clean Water SRF Loan Management Software	Policy Packages
002-00-00-00000	Water Quality	164	0	Lab Equipment and Asset Management Plan	Policy Packages
002-00-00-00000	Water Quality	170	0	DEQ Reorganization Improve Alignment / Outcomes	Policy Packages
003-00-00-00000	Land Quality	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
003-00-00-00000	Land Quality	021	0	Phase - In	Essential Packages
003-00-00-00000	Land Quality	022	0	Phase-out Pgm & One-time Costs	Essential Packages
003-00-00-00000	Land Quality	031	0	Standard Inflation	Essential Packages

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003-00-00-00000	Land Quality	032	0	Above Standard Inflation	Essential Packages
003-00-00-00000	Land Quality	033	0	Exceptional Inflation	Essential Packages
003-00-00-00000	Land Quality	040	0	Mandated Caseload	Essential Packages
003-00-00-00000	Land Quality	060	0	Technical Adjustments	Essential Packages
003-00-00-00000	Land Quality	070	0	Revenue Shortfalls	Policy Packages
003-00-00-00000	Land Quality	130	0	Statewide Collection of Unwanted Medication	Policy Packages
003-00-00-00000	Land Quality	131	0	Maintain Heating Oil Tank Program	Policy Packages
003-00-00-00000	Land Quality	132	0	Maintain and Enhance Oil Spill Prevention	Policy Packages
003-00-00-00000	Land Quality	133	0	Safe Transport of Hazardous Materials by Rail	Policy Packages
003-00-00-00000	Land Quality	134	0	Statewide Emerg. Spill Response/Preparedness	Policy Packages
003-00-00-00000	Land Quality	136	0	Solid Waste Orphan Site Cleanups	Policy Packages
003-00-00-00000	Land Quality	170	0	DEQ Reorganization Improve Alignment / Outcomes	Policy Packages
004-00-00-00000	Agency Management	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
004-00-00-00000	Agency Management	021	0	Phase - In	Essential Packages
004-00-00-00000	Agency Management	022	0	Phase-out Pgm & One-time Costs	Essential Packages
004-00-00-00000	Agency Management	031	0	Standard Inflation	Essential Packages
004-00-00-00000	Agency Management	032	0	Above Standard Inflation	Essential Packages
004-00-00-00000	Agency Management	033	0	Exceptional Inflation	Essential Packages
004-00-00-00000	Agency Management	040	0	Mandated Caseload	Essential Packages
004-00-00-00000	Agency Management	060	0	Technical Adjustments	Essential Packages
004-00-00-00000	Agency Management	070	0	Revenue Shortfalls	Policy Packages
004-00-00-00000	Agency Management	140	0	Electronic Data Management System Projects	Policy Packages

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004-00-00-00000	Agency Management	141	0	Agency Technology Infrastructure	Policy Packages
004-00-00-00000	Agency Management	142	0	Additional Support Staff Agency	Policy Packages
004-00-00-00000	Agency Management	143	0	Agency Auditor	Policy Packages
004-00-00-00000	Agency Management	144	0	Environmental Justice	Policy Packages
004-00-00-00000	Agency Management	170	0	DEQ Reorganization Improve Alignment / Outcomes	Policy Packages
005-00-00-00000	Cross Program	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
005-00-00-00000	Cross Program	021	0	Phase - In	Essential Packages
005-00-00-00000	Cross Program	022	0	Phase-out Pgm & One-time Costs	Essential Packages
005-00-00-00000	Cross Program	031	0	Standard Inflation	Essential Packages
005-00-00-00000	Cross Program	032	0	Above Standard Inflation	Essential Packages
005-00-00-00000	Cross Program	033	0	Exceptional Inflation	Essential Packages
005-00-00-00000	Cross Program	040	0	Mandated Caseload	Essential Packages
005-00-00-00000	Cross Program	060	0	Technical Adjustments	Essential Packages
005-00-00-00000	Cross Program	070	0	Revenue Shortfalls	Policy Packages
008-00-00-00000	Non-Limited	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
008-00-00-00000	Non-Limited	021	0	Phase - In	Essential Packages
008-00-00-00000	Non-Limited	022	0	Phase-out Pgm & One-time Costs	Essential Packages
008-00-00-00000	Non-Limited	031	0	Standard Inflation	Essential Packages
008-00-00-00000	Non-Limited	032	0	Above Standard Inflation	Essential Packages
008-00-00-00000	Non-Limited	033	0	Exceptional Inflation	Essential Packages
008-00-00-00000	Non-Limited	040	0	Mandated Caseload	Essential Packages
008-00-00-00000	Non-Limited	060	0	Technical Adjustments	Essential Packages

Environmental Quality, Dept of

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Cross Reference Number	Cross Reference Description	Package Number	Priority	Package Description	Package Group
008-00-00-00000	Non-Limited	070	0	Revenue Shortfalls	Policy Packages
008-00-00-00000	Non-Limited	180	0	Electronic Data Management System Bonds	Policy Packages
008-00-00-00000	Non-Limited	181	0	Clean Water SRF Capitalization Loans & Bonds	Policy Packages
008-00-00-00000	Non-Limited	182	0	Revenue Transfer - Clean Water SRF Loan Funds	Policy Packages
009-00-00-00000	PCBF Debt Service	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
009-00-00-00000	PCBF Debt Service	021	0	Phase - In	Essential Packages
009-00-00-00000	PCBF Debt Service	022	0	Phase-out Pgm & One-time Costs	Essential Packages
009-00-00-00000	PCBF Debt Service	031	0	Standard Inflation	Essential Packages
009-00-00-00000	PCBF Debt Service	032	0	Above Standard Inflation	Essential Packages
009-00-00-00000	PCBF Debt Service	033	0	Exceptional Inflation	Essential Packages
009-00-00-00000	PCBF Debt Service	040	0	Mandated Caseload	Essential Packages
009-00-00-00000	PCBF Debt Service	060	0	Technical Adjustments	Essential Packages
009-00-00-00000	PCBF Debt Service	070	0	Revenue Shortfalls	Policy Packages
009-00-00-00000	PCBF Debt Service	190	0	Electronic Data Management System Debt Serv	Policy Packages
009-00-00-00000	PCBF Debt Service	191	0	Clean Water SRF Bond Debt Service	Policy Packages
095-00-00-00000	PCBF Debt Service	010	0	Non-PICS Psnl Svc / Vacancy Factor	Essential Packages
095-00-00-00000	PCBF Debt Service	021	0	Phase - In	Essential Packages
095-00-00-00000	PCBF Debt Service	022	0	Phase-out Pgm & One-time Costs	Essential Packages
095-00-00-00000	PCBF Debt Service	031	0	Standard Inflation	Essential Packages
095-00-00-00000	PCBF Debt Service	032	0	Above Standard Inflation	Essential Packages
095-00-00-00000	PCBF Debt Service	033	0	Exceptional Inflation	Essential Packages
095-00-00-00000	PCBF Debt Service	040	0	Mandated Caseload	Essential Packages

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Agency Number: 34000

BAM Analyst: Wittekind, Linnea

Budget Coordinator: Cimmiyotti, Nicholas - (503)229-5714

Cross Reference Number	Cross Reference Description	Package Number	Priority	Package Description	Package Group
095-00-00-00000	PCBF Debt Service	060	0	Technical Adjustments	Essential Packages
095-00-00-00000	PCBF Debt Service	070	0	Revenue Shortfalls	Policy Packages

Environmental Quality, Dept of

**Policy Package List by Priority
2019-21 Biennium**

Agency Number: 34000

BAM Analyst: Wittekind, Linnea

Budget Coordinator: Cimmiyotti, Nicholas - (503)229-5714

<i>Priority</i>	<i>Policy Pkg Number</i>	<i>Policy Pkg Description</i>	<i>Summary Cross Reference Number</i>	<i>Cross Reference Description</i>
0	070	Revenue Shortfalls	001-00-00-00000	Air Quality
			002-00-00-00000	Water Quality
			003-00-00-00000	Land Quality
			004-00-00-00000	Agency Management
			005-00-00-00000	Cross Program
			008-00-00-00000	Non-Limited
			009-00-00-00000	PCBF Debt Service
			095-00-00-00000	PCBF Debt Service
	111	Oversee Electric Vehicle Rebate Program	001-00-00-00000	Air Quality
	114	Reduce Wood Smoke Pollution	001-00-00-00000	Air Quality
	116	Eliminate the Air Quality Backlog	001-00-00-00000	Air Quality
	118	Maintain Effective Vehicle Inspection Service	001-00-00-00000	Air Quality
	119	Implement Air Toxics Permitting Program	001-00-00-00000	Air Quality
	120	Minimize Impacts from Urban & Hwy Stormwater	002-00-00-00000	Water Quality
	121	Ensure Protective Onsite Septic Systems	002-00-00-00000	Water Quality
	122	Setting and Implementing WQ Standards	002-00-00-00000	Water Quality
	123	Harmful Algae Bloom Response and Assessment	002-00-00-00000	Water Quality
	124	Integrated Water Resources Strategy	002-00-00-00000	Water Quality
	125	Effectively Managing the CWSRF Loan Portfolio	002-00-00-00000	Water Quality
	126	Klamath Basin Water Quality Improvements	002-00-00-00000	Water Quality
	127	Water Quality Permit Program Improvements	002-00-00-00000	Water Quality
	128	Improving Water Quality Outcomes	002-00-00-00000	Water Quality
	129	Developing and Implementing Clean Water Programs	002-00-00-00000	Water Quality

Environmental Quality, Dept of

**Policy Package List by Priority
2019-21 Biennium**

Agency Number: 34000

BAM Analyst: Wittekind, Linnea

Budget Coordinator: Cimmiyotti, Nicholas - (503)229-5714

Priority	Policy Pkg Number	Policy Pkg Description	Summary Cross Reference Number	Cross Reference Description
0	130	Statewide Collection of Unwanted Medication	003-00-00-00000	Land Quality
	131	Maintain Heating Oil Tank Program	003-00-00-00000	Land Quality
	132	Maintain and Enhance Oil Spill Prevention	003-00-00-00000	Land Quality
	133	Safe Transport of Hazardous Materials by Rail	003-00-00-00000	Land Quality
	134	Statewide Emerg. Spill Response/Preparedness	003-00-00-00000	Land Quality
	136	Solid Waste Orphan Site Cleanups	003-00-00-00000	Land Quality
	140	Electronic Data Management System Projects	004-00-00-00000	Agency Management
	141	Agency Technology Infrastructure	004-00-00-00000	Agency Management
	142	Additional Support Staff Agency	004-00-00-00000	Agency Management
	143	Agency Auditor	004-00-00-00000	Agency Management
	144	Environmental Justice	004-00-00-00000	Agency Management
	160	Onsite Septic System Loan Program	002-00-00-00000	Water Quality
	161	Identify and Meet Water Infrastructure Needs	002-00-00-00000	Water Quality
	162	Technical Assistance to Smaller Communities	002-00-00-00000	Water Quality
	163	Clean Water SRF Loan Management Software	002-00-00-00000	Water Quality
	164	Lab Equipment and Asset Management Plan	002-00-00-00000	Water Quality
	170	DEQ Reorganization Improve Alignment / Outc	001-00-00-00000	Air Quality
			002-00-00-00000	Water Quality
			003-00-00-00000	Land Quality
			004-00-00-00000	Agency Management
	180	Electronic Data Management System Bonds	008-00-00-00000	Non-Limited
	181	Clean Water SRF Capitalization Loans & Bonc	008-00-00-00000	Non-Limited
	182	Revenue Transfer - Clean Water SRF Loan Fu	008-00-00-00000	Non-Limited

Environmental Quality, Dept of

**Policy Package List by Priority
2019-21 Biennium**

Agency Number: 34000

BAM Analyst: Wittekind, Linnea

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Priority	Policy Pkg Number	Policy Pkg Description	Summary Cross Reference Number	Cross Reference Description
0	190	Electronic Data Management System Debt Se	009-00-00-00000	PCBF Debt Service
	191	Clean Water SRF Bond Debt Service	009-00-00-00000	PCBF Debt Service

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
BEGINNING BALANCE						
0025 Beginning Balance						
4400 Lottery Funds Ltd	16,358	20,644	20,644	-	-	-
3200 Other Funds Non-Ltd	219,394,908	201,000,000	201,000,000	256,500,000	256,500,000	-
3230 Other Funds Debt Svc Non-Ltd	1,838,315	1,857,928	1,857,928	1,934,477	1,934,477	-
3400 Other Funds Ltd	65,782,408	57,206,220	57,206,220	66,904,174	66,904,174	-
6400 Federal Funds Ltd	240,365	-	-	-	-	-
All Funds	287,272,354	260,084,792	260,084,792	325,338,651	325,338,651	-
0030 Beginning Balance Adjustment						
3400 Other Funds Ltd	-	2,617,490	2,617,490	-	-	-
BEGINNING BALANCE						
4400 Lottery Funds Ltd	16,358	20,644	20,644	-	-	-
3200 Other Funds Non-Ltd	219,394,908	201,000,000	201,000,000	256,500,000	256,500,000	-
3230 Other Funds Debt Svc Non-Ltd	1,838,315	1,857,928	1,857,928	1,934,477	1,934,477	-
3400 Other Funds Ltd	65,782,408	59,823,710	59,823,710	66,904,174	66,904,174	-
6400 Federal Funds Ltd	240,365	-	-	-	-	-
TOTAL BEGINNING BALANCE	\$287,272,354	\$262,702,282	\$262,702,282	\$325,338,651	\$325,338,651	-

REVENUE CATEGORIES

GENERAL FUND APPROPRIATION

0050 General Fund Appropriation

8000 General Fund	34,349,035	40,804,031	43,718,803	57,858,272	44,644,531	-
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
All Funds	38,164,101	44,629,011	48,377,650	64,383,154	51,169,413	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
LICENSES AND FEES						
0205 Business Lic and Fees						
3400 Other Funds Ltd	66,533,742	69,491,609	71,863,355	100,598,480	86,896,695	-
0210 Non-business Lic. and Fees						
3400 Other Funds Ltd	27,128,376	27,805,476	27,805,476	28,921,162	28,737,162	-
LICENSES AND FEES						
3400 Other Funds Ltd	93,662,118	97,297,085	99,668,831	129,519,642	115,633,857	-
TOTAL LICENSES AND FEES	\$93,662,118	\$97,297,085	\$99,668,831	\$129,519,642	\$115,633,857	-
FEDERAL FUNDS AS OTHER FUNDS						
0355 Federal Revenues						
3200 Other Funds Non-Ltd	42,282,182	30,000,000	30,000,000	63,000,000	63,000,000	-
CHARGES FOR SERVICES						
0410 Charges for Services						
3200 Other Funds Non-Ltd	43,195	-	-	40,000	40,000	-
3400 Other Funds Ltd	19,984,984	23,771,867	23,771,867	26,382,933	26,382,933	-
All Funds	20,028,179	23,771,867	23,771,867	26,422,933	26,422,933	-
0415 Admin and Service Charges						
3400 Other Funds Ltd	4,388,359	5,093,015	5,345,944	7,569,507	7,569,507	-
CHARGES FOR SERVICES						
3200 Other Funds Non-Ltd	43,195	-	-	40,000	40,000	-
3400 Other Funds Ltd	24,373,343	28,864,882	29,117,811	33,952,440	33,952,440	-
TOTAL CHARGES FOR SERVICES	\$24,416,538	\$28,864,882	\$29,117,811	\$33,992,440	\$33,992,440	-
FINES, RENTS AND ROYALTIES						

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
0505 Fines and Forfeitures						
3400 Other Funds Ltd	301,822	255,000	255,000	205,600	205,600	-
8800 General Fund Revenue	2,005,853	1,000,000	1,000,000	1,000,000	1,000,000	-
All Funds	2,307,675	1,255,000	1,255,000	1,205,600	1,205,600	-
BOND SALES						
0555 General Fund Obligation Bonds						
3200 Other Funds Non-Ltd	10,000,000	20,300,000	20,300,000	25,065,000	25,065,000	-
3400 Other Funds Ltd	-	-	2,965,300	2,034,700	2,034,700	-
All Funds	10,000,000	20,300,000	23,265,300	27,099,700	27,099,700	-
0575 Refunding Bonds						
3200 Other Funds Non-Ltd	3,222,000	-	-	-	-	-
BOND SALES						
3200 Other Funds Non-Ltd	13,222,000	20,300,000	20,300,000	25,065,000	25,065,000	-
3400 Other Funds Ltd	-	-	2,965,300	2,034,700	2,034,700	-
TOTAL BOND SALES	\$13,222,000	\$20,300,000	\$23,265,300	\$27,099,700	\$27,099,700	-
INTEREST EARNINGS						
0605 Interest Income						
3200 Other Funds Non-Ltd	21,496,525	22,000,000	22,000,000	20,000,000	20,000,000	-
3230 Other Funds Debt Svc Non-Ltd	35,333	19,440	19,440	64,200	64,200	-
3400 Other Funds Ltd	590,914	306,164	306,164	442,347	442,347	-
All Funds	22,122,772	22,325,604	22,325,604	20,506,547	20,506,547	-
LOAN REPAYMENT						
0925 Loan Repayments						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
3200 Other Funds Non-Ltd	66,791,205	52,000,000	52,000,000	95,000,000	95,000,000	-
3400 Other Funds Ltd	165,000	-	-	-	-	-
All Funds	66,956,205	52,000,000	52,000,000	95,000,000	95,000,000	-
OTHER						
0975 Other Revenues						
3200 Other Funds Non-Ltd	20,000	-	-	-	-	-
3400 Other Funds Ltd	2,154,984	11,410,400	11,410,400	11,806,320	11,806,320	-
8800 General Fund Revenue	1,807	-	-	-	-	-
All Funds	2,176,791	11,410,400	11,410,400	11,806,320	11,806,320	-
FEDERAL FUNDS REVENUE						
0995 Federal Funds						
6400 Federal Funds Ltd	25,248,082	32,465,834	32,866,345	33,432,066	33,432,066	-
TRANSFERS IN						
1010 Transfer In - Intrafund						
3200 Other Funds Non-Ltd	19,426,497	-	-	-	-	-
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,889	15,787,889	15,848,330	15,848,330	-
3400 Other Funds Ltd	3,899,355	5,335,347	5,335,347	14,246,211	10,896,211	-
All Funds	41,936,559	21,123,236	21,123,236	30,094,541	26,744,541	-
1020 Transfer In - Indirect Cost						
3400 Other Funds Ltd	17,433,374	20,154,083	20,840,555	26,445,421	25,382,324	-
1040 Transfer In Lottery Proceeds						
4400 Lottery Funds Ltd	-	-	-	10,201	-	-
1050 Transfer In Other						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
3400 Other Funds Ltd	-	-	-	321,096	41,278	-
1150 Tsfr From Revenue, Dept of						
3400 Other Funds Ltd	2,026,418	20,127,859	20,127,859	25,780,444	25,780,444	-
1257 Tsfr From Police, Dept of State						
3400 Other Funds Ltd	28,390	50,000	50,000	50,000	50,000	-
1443 Tsfr From Oregon Health Authority						
3400 Other Funds Ltd	1,412,062	1,855,116	1,529,964	1,669,749	1,669,749	-
1603 Tsfr From Agriculture, Dept of						
3400 Other Funds Ltd	1,116,582	1,219,374	1,219,374	1,272,295	1,272,295	-
1632 Tsfr From Geology/Mineral Ind						
3400 Other Funds Ltd	502	7,500	7,500	7,500	7,500	-
1690 Tsfr From Water Resources Dept						
3400 Other Funds Ltd	722,335	681,921	681,921	714,000	714,000	-
1691 Tsfr From Watershed Enhance Bd						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,322,214	5,322,214	-
3400 Other Funds Ltd	47,495	-	-	-	-	-
All Funds	4,135,959	4,610,577	4,732,711	5,322,214	5,322,214	-
1730 Tsfr From Transportation, Dept						
3400 Other Funds Ltd	1,328,810	2,205,012	2,205,012	2,003,602	2,003,602	-
TRANSFERS IN						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,332,415	5,322,214	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3200 Other Funds Non-Ltd	19,426,497	-	-	-	-	-
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,889	15,787,889	15,848,330	15,848,330	-
3400 Other Funds Ltd	28,015,323	51,636,212	51,997,532	72,510,318	67,817,403	-
TOTAL TRANSFERS IN	\$70,140,991	\$72,034,678	\$72,518,132	\$93,691,063	\$88,987,947	-
REVENUE CATEGORIES						
8000 General Fund	34,349,035	40,804,031	43,718,803	57,858,272	44,644,531	-
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,332,415	5,322,214	-
3200 Other Funds Non-Ltd	163,281,604	124,300,000	124,300,000	203,105,000	203,105,000	-
3230 Other Funds Debt Svc Non-Ltd	18,646,040	15,807,329	15,807,329	15,912,530	15,912,530	-
3400 Other Funds Ltd	149,263,504	189,769,743	195,721,038	250,471,367	231,892,667	-
8800 General Fund Revenue	2,007,660	1,000,000	1,000,000	1,000,000	1,000,000	-
6400 Federal Funds Ltd	25,248,082	32,465,834	32,866,345	33,432,066	33,432,066	-
TOTAL REVENUE CATEGORIES	\$400,699,455	\$412,582,494	\$422,805,073	\$573,636,532	\$541,833,890	-
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3200 Other Funds Non-Ltd	(39,853,213)	(19,482,246)	(19,482,246)	(28,392,687)	(25,042,687)	-
3400 Other Funds Ltd	(2,083,346)	(1,640,990)	(1,640,990)	(1,701,854)	(1,701,854)	-
All Funds	(41,936,559)	(21,123,236)	(21,123,236)	(30,094,541)	(26,744,541)	-
2020 Transfer Out - Indirect Cost						
3400 Other Funds Ltd	(14,389,868)	(16,831,284)	(17,413,741)	(22,484,698)	(21,421,601)	-
6400 Federal Funds Ltd	(3,043,506)	(3,322,799)	(3,426,814)	(3,960,723)	(3,960,723)	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
All Funds	(17,433,374)	(20,154,083)	(20,840,555)	(26,445,421)	(25,382,324)	-
2060 Transfer to General Fund						
8800 General Fund Revenue	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
2107 Tsfr To Administrative Svcs						
3400 Other Funds Ltd	-	-	(44,175)	-	-	-
2331 Tsfr To Oregon Climate Authority						
3400 Other Funds Ltd	-	-	-	-	(932,120)	-
2443 Tsfr To Oregon Health Authority						
3400 Other Funds Ltd	(150,000)	-	-	-	-	-
2632 Tsfr To Geology/Mineral Ind						
3400 Other Funds Ltd	(258,682)	(259,000)	(259,000)	(259,000)	(259,000)	-
TRANSFERS OUT						
3200 Other Funds Non-Ltd	(39,853,213)	(19,482,246)	(19,482,246)	(28,392,687)	(25,042,687)	-
3400 Other Funds Ltd	(16,881,896)	(18,731,274)	(19,357,906)	(24,445,552)	(24,314,575)	-
8800 General Fund Revenue	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
6400 Federal Funds Ltd	(3,043,506)	(3,322,799)	(3,426,814)	(3,960,723)	(3,960,723)	-
TOTAL TRANSFERS OUT	(\$61,786,275)	(\$42,536,319)	(\$43,266,966)	(\$57,798,962)	(\$54,317,985)	-
AVAILABLE REVENUES						
8000 General Fund	34,349,035	40,804,031	43,718,803	57,858,272	44,644,531	-
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,104,822	4,631,221	4,738,698	5,332,415	5,322,214	-
3200 Other Funds Non-Ltd	342,823,299	305,817,754	305,817,754	431,212,313	434,562,313	-

Budget Support - Detail Revenues and Expenditures

Cross Reference Number: 34000-000-00-00-00000

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Environmental Quality, Dept of

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3230 Other Funds Debt Svc Non-Ltd	20,484,355	17,665,257	17,665,257	17,847,007	17,847,007	-
3400 Other Funds Ltd	198,164,016	230,862,179	236,186,842	292,929,989	274,482,266	-
6400 Federal Funds Ltd	22,444,941	29,143,035	29,439,531	29,471,343	29,471,343	-
TOTAL AVAILABLE REVENUES	\$626,185,534	\$632,748,457	\$642,240,389	\$841,176,221	\$812,854,556	-

EXPENDITURES

PERSONAL SERVICES

SALARIES & WAGES

3110 Class/Unclass Sal. and Per Diem

8000 General Fund	13,287,429	16,216,993	17,798,028	22,821,370	18,889,036	-
4400 Lottery Funds Ltd	1,710,012	2,164,860	2,277,065	2,498,214	2,498,214	-
3400 Other Funds Ltd	57,312,952	68,490,465	71,836,628	81,276,972	79,060,026	-
6400 Federal Funds Ltd	10,490,481	11,415,724	11,906,757	11,869,903	11,869,903	-
All Funds	82,800,874	98,288,042	103,818,478	118,466,459	112,317,179	-

3160 Temporary Appointments

8000 General Fund	82,828	12,588	12,588	13,066	13,066	-
4400 Lottery Funds Ltd	30,643	-	-	-	-	-
3400 Other Funds Ltd	482,680	966,898	945,993	981,941	981,941	-
6400 Federal Funds Ltd	89,103	137,438	158,343	164,360	164,360	-
All Funds	685,254	1,116,924	1,116,924	1,159,367	1,159,367	-

3170 Overtime Payments

8000 General Fund	15,858	7,854	7,854	8,152	8,152	-
4400 Lottery Funds Ltd	283	-	-	-	-	-
3400 Other Funds Ltd	137,224	90,743	90,743	94,191	94,191	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
6400 Federal Funds Ltd	11,350	49,722	49,722	51,612	51,612	-
All Funds	164,715	148,319	148,319	153,955	153,955	-
3180 Shift Differential						
8000 General Fund	947	-	-	-	-	-
4400 Lottery Funds Ltd	206	-	-	-	-	-
3400 Other Funds Ltd	32,445	19,588	19,588	20,333	20,333	-
6400 Federal Funds Ltd	710	3,428	3,428	3,558	3,558	-
All Funds	34,308	23,016	23,016	23,891	23,891	-
3190 All Other Differential						
8000 General Fund	92,889	-	-	-	-	-
4400 Lottery Funds Ltd	24,292	-	-	-	-	-
3400 Other Funds Ltd	536,587	146,039	146,039	151,590	151,590	-
6400 Federal Funds Ltd	95,433	-	-	-	-	-
All Funds	749,201	146,039	146,039	151,590	151,590	-
SALARIES & WAGES						
8000 General Fund	13,479,951	16,237,435	17,818,470	22,842,588	18,910,254	-
4400 Lottery Funds Ltd	1,765,436	2,164,860	2,277,065	2,498,214	2,498,214	-
3400 Other Funds Ltd	58,501,888	69,713,733	73,038,991	82,525,027	80,308,081	-
6400 Federal Funds Ltd	10,687,077	11,606,312	12,118,250	12,089,433	12,089,433	-
TOTAL SALARIES & WAGES	\$84,434,352	\$99,722,340	\$105,252,776	\$119,955,262	\$113,805,982	-
OTHER PAYROLL EXPENSES						
3210 Empl. Rel. Bd. Assessments						
8000 General Fund	4,335	7,014	7,316	9,809	7,982	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
4400 Lottery Funds Ltd	618	971	971	1,074	1,074	-
3400 Other Funds Ltd	20,341	29,288	29,585	34,454	33,322	-
6400 Federal Funds Ltd	3,498	4,487	4,544	4,638	4,638	-
All Funds	28,792	41,760	42,416	49,975	47,016	-
3220 Public Employees' Retire Cont						
8000 General Fund	2,190,272	3,097,327	3,246,562	3,874,166	3,206,848	-
4400 Lottery Funds Ltd	276,209	413,274	413,274	423,944	423,944	-
3400 Other Funds Ltd	9,639,209	13,122,568	13,244,867	13,836,762	13,460,545	-
6400 Federal Funds Ltd	1,797,262	2,189,406	2,213,606	2,023,675	2,023,675	-
All Funds	13,902,952	18,822,575	19,118,309	20,158,547	19,115,012	-
3221 Pension Obligation Bond						
8000 General Fund	800,573	889,487	921,751	1,025,383	1,025,383	-
4400 Lottery Funds Ltd	103,850	113,059	122,988	140,799	140,799	-
3400 Other Funds Ltd	3,438,294	4,080,689	3,898,223	4,233,425	4,233,425	-
6400 Federal Funds Ltd	636,176	685,305	658,917	692,489	692,489	-
All Funds	4,978,893	5,768,540	5,601,879	6,092,096	6,092,096	-
3230 Social Security Taxes						
8000 General Fund	1,015,569	1,241,899	1,301,704	1,747,218	1,446,473	-
4400 Lottery Funds Ltd	133,169	165,611	165,611	191,111	191,111	-
3400 Other Funds Ltd	4,405,556	5,328,864	5,376,271	6,308,961	6,139,367	-
6400 Federal Funds Ltd	804,139	887,752	899,049	924,758	924,758	-
All Funds	6,358,433	7,624,126	7,742,635	9,172,048	8,701,709	-
3240 Unemployment Assessments						

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3400 Other Funds Ltd	76,607	90,992	90,992	94,449	94,449	-
3250 Worker's Comp. Assess. (WCD)						
8000 General Fund	5,588	8,478	8,841	9,338	7,601	-
4400 Lottery Funds Ltd	808	1,170	1,170	1,023	1,023	-
3400 Other Funds Ltd	25,717	35,479	35,839	32,859	31,784	-
6400 Federal Funds Ltd	4,398	5,423	5,492	4,419	4,419	-
All Funds	36,511	50,550	51,342	47,639	44,827	-
3260 Mass Transit Tax						
8000 General Fund	75,715	97,032	101,722	137,057	113,459	-
4400 Lottery Funds Ltd	10,446	12,994	12,994	14,989	14,989	-
3400 Other Funds Ltd	304,278	412,246	416,087	495,147	481,843	-
All Funds	390,439	522,272	530,803	647,193	610,291	-
3270 Flexible Benefits						
8000 General Fund	2,958,056	3,934,311	4,110,008	5,664,618	4,609,217	-
4400 Lottery Funds Ltd	397,202	565,690	565,690	619,422	619,422	-
3400 Other Funds Ltd	13,967,225	17,152,230	17,328,839	19,853,094	19,200,608	-
6400 Federal Funds Ltd	2,361,265	2,621,936	2,655,272	2,680,020	2,680,020	-
All Funds	19,683,748	24,274,167	24,659,809	28,817,154	27,109,267	-
OTHER PAYROLL EXPENSES						
8000 General Fund	7,050,108	9,275,548	9,697,904	12,467,589	10,416,963	-
4400 Lottery Funds Ltd	922,302	1,272,769	1,282,698	1,392,362	1,392,362	-
3400 Other Funds Ltd	31,877,227	40,252,356	40,420,703	44,889,151	43,675,343	-
6400 Federal Funds Ltd	5,606,738	6,394,309	6,436,880	6,329,999	6,329,999	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
TOTAL OTHER PAYROLL EXPENSES	\$45,456,375	\$57,194,982	\$57,838,185	\$65,079,101	\$61,814,667	-
P.S. BUDGET ADJUSTMENTS						
3455 Vacancy Savings						
8000 General Fund	-	(761,866)	(761,866)	(237,571)	(385,542)	-
4400 Lottery Funds Ltd	-	(97,402)	(97,402)	(31,714)	(31,714)	-
3400 Other Funds Ltd	-	(3,549,895)	(3,542,816)	(1,003,348)	(1,003,586)	-
6400 Federal Funds Ltd	-	(607,783)	(614,862)	(167,237)	(167,237)	-
All Funds	-	(5,016,946)	(5,016,946)	(1,439,870)	(1,588,079)	-
3465 Reconciliation Adjustment						
8000 General Fund	-	(35,043)	(35,043)	-	-	-
4400 Lottery Funds Ltd	-	(444)	(444)	-	-	-
3400 Other Funds Ltd	-	(1,800)	(1,800)	-	(472)	-
6400 Federal Funds Ltd	-	95,610	95,610	-	-	-
All Funds	-	58,323	58,323	-	(472)	-
P.S. BUDGET ADJUSTMENTS						
8000 General Fund	-	(796,909)	(796,909)	(237,571)	(385,542)	-
4400 Lottery Funds Ltd	-	(97,846)	(97,846)	(31,714)	(31,714)	-
3400 Other Funds Ltd	-	(3,551,695)	(3,544,616)	(1,003,348)	(1,004,058)	-
6400 Federal Funds Ltd	-	(512,173)	(519,252)	(167,237)	(167,237)	-
TOTAL P.S. BUDGET ADJUSTMENTS	-	(\$4,958,623)	(\$4,958,623)	(\$1,439,870)	(\$1,588,551)	-
PERSONAL SERVICES						
8000 General Fund	20,530,059	24,716,074	26,719,465	35,072,606	28,941,675	-
4400 Lottery Funds Ltd	2,687,738	3,339,783	3,461,917	3,858,862	3,858,862	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3400 Other Funds Ltd	90,379,115	106,414,394	109,915,078	126,410,830	122,979,366	-
6400 Federal Funds Ltd	16,293,815	17,488,448	18,035,878	18,252,195	18,252,195	-
TOTAL PERSONAL SERVICES	\$129,890,727	\$151,958,699	\$158,132,338	\$183,594,493	\$174,032,098	-
SERVICES & SUPPLIES						
4100 Instate Travel						
8000 General Fund	171,431	139,712	146,838	227,469	171,093	-
4400 Lottery Funds Ltd	71,586	19,347	19,347	21,397	21,397	-
3400 Other Funds Ltd	562,975	532,194	531,348	606,538	589,850	-
6400 Federal Funds Ltd	133,266	143,016	165,088	162,514	162,514	-
All Funds	939,258	834,269	862,621	1,017,918	944,854	-
4125 Out of State Travel						
8000 General Fund	28,155	9,867	10,824	17,342	15,318	-
4400 Lottery Funds Ltd	624	2,140	2,140	2,378	2,378	-
3400 Other Funds Ltd	121,584	87,183	87,863	99,150	96,716	-
6400 Federal Funds Ltd	22,189	7,024	7,356	7,509	7,509	-
All Funds	172,552	106,214	108,183	126,379	121,921	-
4150 Employee Training						
8000 General Fund	238,726	110,777	119,297	182,976	142,938	-
4400 Lottery Funds Ltd	13,894	23,240	23,240	25,550	25,550	-
3400 Other Funds Ltd	675,474	753,815	786,453	897,200	841,142	-
6400 Federal Funds Ltd	150,839	88,517	89,481	89,881	89,881	-
All Funds	1,078,933	976,349	1,018,471	1,195,607	1,099,511	-
4175 Office Expenses						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
8000 General Fund	134,033	148,802	159,589	248,672	194,001	-
4400 Lottery Funds Ltd	9,585	24,608	24,608	27,638	27,638	-
3400 Other Funds Ltd	637,002	1,080,196	1,086,008	1,248,131	1,194,454	-
6400 Federal Funds Ltd	67,129	75,206	77,974	77,978	77,978	-
All Funds	847,749	1,328,812	1,348,179	1,602,419	1,494,071	-
4200 Telecommunications						
8000 General Fund	172,730	179,129	192,925	302,434	244,045	-
4400 Lottery Funds Ltd	13,999	31,920	31,920	35,623	35,623	-
3400 Other Funds Ltd	984,052	1,194,562	1,204,263	1,369,703	1,337,527	-
6400 Federal Funds Ltd	144,087	141,844	144,661	141,693	141,693	-
All Funds	1,314,868	1,547,455	1,573,769	1,849,453	1,758,888	-
4225 State Gov. Service Charges						
8000 General Fund	23,840	-	-	-	-	-
4400 Lottery Funds Ltd	281	-	-	-	-	-
3200 Other Funds Non-Ltd	5,000	-	-	-	-	-
3400 Other Funds Ltd	3,723,908	4,222,088	4,222,088	6,108,829	5,706,293	-
6400 Federal Funds Ltd	1,776	-	-	-	-	-
All Funds	3,754,805	4,222,088	4,222,088	6,108,829	5,706,293	-
4250 Data Processing						
8000 General Fund	52,808	48,778	51,989	724,531	65,450	-
4400 Lottery Funds Ltd	1,341	14,367	14,367	15,624	15,624	-
3400 Other Funds Ltd	515,955	322,160	1,500,631	687,499	526,779	-
6400 Federal Funds Ltd	5,621	13,934	14,102	14,018	14,018	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
All Funds	575,725	399,239	1,581,089	1,441,672	621,871	-
4275 Publicity and Publications						
8000 General Fund	10,414	8,291	11,009	14,981	13,595	-
4400 Lottery Funds Ltd	166	24	24	34	34	-
3400 Other Funds Ltd	254,915	92,109	98,467	118,242	115,744	-
6400 Federal Funds Ltd	4,992	1,083	1,083	1,124	1,124	-
All Funds	270,487	101,507	110,583	134,381	130,497	-
4300 Professional Services						
8000 General Fund	589,934	283,636	626,728	743,448	476,483	-
4400 Lottery Funds Ltd	50,000	61,002	61,002	63,564	59,089	-
3200 Other Funds Non-Ltd	17,029	-	-	-	-	-
3400 Other Funds Ltd	10,396,291	22,196,294	22,671,294	25,648,537	25,616,134	-
6400 Federal Funds Ltd	327,267	1,766,428	1,766,428	1,434,359	1,434,359	-
All Funds	11,380,521	24,307,360	25,125,452	27,889,908	27,586,065	-
4315 IT Professional Services						
8000 General Fund	-	229,617	232,333	270,699	24,181	-
4400 Lottery Funds Ltd	-	1,845	1,845	2,719	2,719	-
3400 Other Funds Ltd	990	494,520	494,520	4,076,587	3,994,067	-
6400 Federal Funds Ltd	110,132	156,220	156,220	162,781	162,781	-
All Funds	111,122	882,202	884,918	4,512,786	4,183,748	-
4325 Attorney General						
8000 General Fund	371,736	592,515	592,515	711,847	669,492	-
4400 Lottery Funds Ltd	34,085	80,106	80,106	96,240	90,514	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
3200 Other Funds Non-Ltd	560	-	-	-	-	-
3400 Other Funds Ltd	1,558,331	2,092,780	2,292,980	2,523,577	2,356,307	-
6400 Federal Funds Ltd	120,134	133,539	133,539	160,434	150,888	-
All Funds	2,084,846	2,898,940	3,099,140	3,492,098	3,267,201	-
4350 Dispute Resolution Services						
8000 General Fund	1,100	489	619	2,022	1,229	-
4400 Lottery Funds Ltd	-	87	87	130	130	-
3400 Other Funds Ltd	94,986	16,757	16,757	18,657	18,298	-
6400 Federal Funds Ltd	6,525	3	3	3	3	-
All Funds	102,611	17,336	17,466	20,812	19,660	-
4375 Employee Recruitment and Develop						
8000 General Fund	13,828	2,067	2,180	2,838	2,492	-
4400 Lottery Funds Ltd	-	489	489	521	521	-
3400 Other Funds Ltd	85,384	7,602	7,646	9,669	8,479	-
6400 Federal Funds Ltd	3,394	1,483	1,584	1,569	1,569	-
All Funds	102,606	11,641	11,899	14,597	13,061	-
4400 Dues and Subscriptions						
8000 General Fund	2,679	3,177	3,631	6,508	4,937	-
4400 Lottery Funds Ltd	52	644	644	737	737	-
3400 Other Funds Ltd	25,227	40,568	40,967	46,706	45,176	-
6400 Federal Funds Ltd	1,059	2,053	2,160	2,164	2,164	-
All Funds	29,017	46,442	47,402	56,115	53,014	-
4425 Facilities Rental and Taxes						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
8000 General Fund	4,651,796	4,296,099	4,389,504	4,449,115	4,245,210	-
4400 Lottery Funds Ltd	73,133	138,948	138,948	156,641	156,641	-
3400 Other Funds Ltd	9,112,598	9,618,185	9,724,203	10,019,976	9,834,231	-
6400 Federal Funds Ltd	1,097,721	1,387,099	1,387,099	1,426,240	1,426,240	-
All Funds	14,935,248	15,440,331	15,639,754	16,051,972	15,662,322	-
4450 Fuels and Utilities						
8000 General Fund	19,471	24,233	26,450	37,587	31,699	-
4400 Lottery Funds Ltd	290	6,285	6,285	6,760	6,760	-
3400 Other Funds Ltd	443,245	505,401	507,487	548,492	543,819	-
6400 Federal Funds Ltd	23,086	20,353	21,611	21,440	21,440	-
All Funds	486,092	556,272	561,833	614,279	603,718	-
4475 Facilities Maintenance						
8000 General Fund	8,035	4,032	4,392	6,855	5,511	-
4400 Lottery Funds Ltd	566	932	932	1,025	1,025	-
3400 Other Funds Ltd	126,908	150,537	150,750	162,126	160,372	-
6400 Federal Funds Ltd	5,680	2,673	2,843	2,803	2,803	-
All Funds	141,189	158,174	158,917	172,809	169,711	-
4525 Medical Services and Supplies						
8000 General Fund	124	179	243	325	298	-
3400 Other Funds Ltd	3,277	2,009	2,154	2,605	2,549	-
6400 Federal Funds Ltd	89	24	24	25	25	-
All Funds	3,490	2,212	2,421	2,955	2,872	-
4575 Agency Program Related S and S						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
8000 General Fund	758,621	790,352	791,069	1,568,726	782,572	-
4400 Lottery Funds Ltd	112,289	5,545	5,545	5,844	5,844	-
3400 Other Funds Ltd	1,487,819	540,282	540,096	569,629	567,325	-
6400 Federal Funds Ltd	354,106	247,836	249,012	258,411	258,411	-
All Funds	2,712,835	1,584,015	1,585,722	2,402,610	1,614,152	-
4600 Intra-agency Charges						
8000 General Fund	3,877,210	4,468,460	4,721,389	6,812,806	5,637,365	-
4400 Lottery Funds Ltd	510,983	624,555	624,555	756,701	756,701	-
All Funds	4,388,193	5,093,015	5,345,944	7,569,507	6,394,066	-
4650 Other Services and Supplies						
8000 General Fund	1,406,544	1,646,803	1,698,968	2,853,724	1,895,506	-
4400 Lottery Funds Ltd	395,587	184,408	184,408	200,704	200,704	-
3200 Other Funds Non-Ltd	25,659	450,000	450,000	415,000	415,000	-
3400 Other Funds Ltd	3,717,369	4,816,229	5,095,821	6,410,842	5,954,634	-
6400 Federal Funds Ltd	470,517	1,372,433	1,392,706	1,438,920	1,438,920	-
All Funds	6,015,676	8,469,873	8,821,903	11,319,190	9,904,764	-
4700 Expendable Prop 250 - 5000						
8000 General Fund	160,231	206,041	211,120	283,883	183,052	-
4400 Lottery Funds Ltd	22,647	34,362	34,362	36,143	36,143	-
3400 Other Funds Ltd	348,389	518,067	523,343	593,112	571,836	-
6400 Federal Funds Ltd	77,248	62,547	65,446	65,812	65,812	-
All Funds	608,515	821,017	834,271	978,950	856,843	-
4715 IT Expendable Property						

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
8000 General Fund	343,976	123,252	128,784	187,122	136,633	-
4400 Lottery Funds Ltd	48,958	15,940	15,940	17,580	17,580	-
3400 Other Funds Ltd	1,173,450	662,461	667,128	776,105	729,225	-
6400 Federal Funds Ltd	109,621	29,439	29,515	30,425	30,425	-
All Funds	1,676,005	831,092	841,367	1,011,232	913,863	-
SERVICES & SUPPLIES						
8000 General Fund	13,037,422	13,316,308	14,122,396	19,655,910	14,943,100	-
4400 Lottery Funds Ltd	1,360,066	1,270,794	1,270,794	1,473,553	1,463,352	-
3200 Other Funds Non-Ltd	48,248	450,000	450,000	415,000	415,000	-
3400 Other Funds Ltd	36,050,129	49,945,999	52,252,267	62,541,912	60,810,957	-
6400 Federal Funds Ltd	3,236,478	5,652,754	5,707,935	5,500,103	5,490,557	-
TOTAL SERVICES & SUPPLIES	\$53,732,343	\$70,635,855	\$73,803,392	\$89,586,478	\$83,122,966	-
CAPITAL OUTLAY						
5100 Office Furniture and Fixtures						
8000 General Fund	34,332	-	-	-	-	-
4400 Lottery Funds Ltd	1,586	-	-	-	-	-
3400 Other Funds Ltd	538,461	-	-	-	-	-
6400 Federal Funds Ltd	(4,986)	-	-	-	-	-
All Funds	569,393	-	-	-	-	-
5150 Telecommunications Equipment						
8000 General Fund	214,787	-	-	-	-	-
4400 Lottery Funds Ltd	8,253	-	-	-	-	-
3400 Other Funds Ltd	623,210	-	-	-	-	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
All Funds	846,250	-	-	-	-	-
5200 Technical Equipment						
8000 General Fund	207,754	1,130,724	1,236,017	857,776	457,776	-
4400 Lottery Funds Ltd	8,357	-	-	-	-	-
3400 Other Funds Ltd	10,625	837,913	732,620	760,459	760,459	-
6400 Federal Funds Ltd	-	173,359	173,359	179,946	179,946	-
All Funds	226,736	2,141,996	2,141,996	1,798,181	1,398,181	-
5550 Data Processing Software						
8000 General Fund	32,491	50,000	50,000	70,000	-	-
3400 Other Funds Ltd	630,563	539,291	1,757,791	3,694,784	694,784	-
6400 Federal Funds Ltd	(1,104)	-	-	-	-	-
All Funds	661,950	589,291	1,807,791	3,764,784	694,784	-
5600 Data Processing Hardware						
8000 General Fund	10,990	24,039	24,039	24,952	24,952	-
4400 Lottery Funds Ltd	15,250	-	-	-	-	-
3400 Other Funds Ltd	289,352	401,472	401,472	416,729	416,729	-
6400 Federal Funds Ltd	73	-	-	-	-	-
All Funds	315,665	425,511	425,511	441,681	441,681	-
5900 Other Capital Outlay						
8000 General Fund	94,420	-	-	-	-	-
4400 Lottery Funds Ltd	2,930	-	-	-	-	-
3400 Other Funds Ltd	245,718	-	-	-	-	-
6400 Federal Funds Ltd	866	-	-	-	-	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
All Funds	343,934	-	-	-	-	-
CAPITAL OUTLAY						
8000 General Fund	594,774	1,204,763	1,310,056	952,728	482,728	-
4400 Lottery Funds Ltd	36,376	-	-	-	-	-
3400 Other Funds Ltd	2,337,929	1,778,676	2,891,883	4,871,972	1,871,972	-
6400 Federal Funds Ltd	(5,151)	173,359	173,359	179,946	179,946	-
TOTAL CAPITAL OUTLAY	\$2,963,928	\$3,156,798	\$4,375,298	\$6,004,646	\$2,534,646	-
SPECIAL PAYMENTS						
6015 Dist to Cities						
3400 Other Funds Ltd	137,108	-	-	-	-	-
6020 Dist to Counties						
3400 Other Funds Ltd	12,764	-	-	-	-	-
6400 Federal Funds Ltd	7,220	-	-	-	-	-
All Funds	19,984	-	-	-	-	-
6025 Dist to Other Gov Unit						
8000 General Fund	130,692	266,886	266,886	277,028	277,028	-
3400 Other Funds Ltd	327,583	1,091,030	19,394,793	19,436,252	19,436,252	-
6400 Federal Funds Ltd	332,252	2,827,857	2,827,857	2,935,316	2,935,316	-
All Funds	790,527	4,185,773	22,489,536	22,648,596	22,648,596	-
6030 Dist to Non-Gov Units						
8000 General Fund	1	-	-	-	-	-
3200 Other Funds Non-Ltd	4,612,894	-	-	-	-	-
3400 Other Funds Ltd	-	10,185,330	10,185,330	16,091,915	16,091,915	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
6400 Federal Funds Ltd	2,098,354	2,165,440	2,165,440	2,247,727	2,247,727	-
All Funds	6,711,249	12,350,770	12,350,770	18,339,642	18,339,642	-
6040 Dist to Local School Districts						
6400 Federal Funds Ltd	193,760	-	-	-	-	-
6048 Spc Pmt to Public Universities						
3400 Other Funds Ltd	20,000	-	-	-	-	-
6400 Federal Funds Ltd	104,551	-	-	-	-	-
All Funds	124,551	-	-	-	-	-
6065 Loan Repaid To State Agencies						
3400 Other Funds Ltd	165,000	-	-	-	-	-
6080 Loans Made - Other						
8000 General Fund	-	1,300,000	1,300,000	1,900,000	-	-
3200 Other Funds Non-Ltd	84,071,882	115,448,800	115,448,800	162,000,000	162,000,000	-
All Funds	84,071,882	116,748,800	116,748,800	163,900,000	162,000,000	-
6257 Spc Pmt to Police, Dept of State						
8000 General Fund	50,009	-	-	-	-	-
3400 Other Funds Ltd	262,936	26,961	26,961	26,961	26,961	-
6400 Federal Funds Ltd	7,632	286,056	286,056	286,056	286,056	-
All Funds	320,577	313,017	313,017	313,017	313,017	-
6443 Spc Pmt to Oregon Health Authority						
6400 Federal Funds Ltd	-	-	70,000	70,000	70,000	-
6691 Spc Pmt to Watershed Enhance Bd						
8000 General Fund	5,000	-	-	-	-	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
6730 Spc Pmt to Transportation, Dept						
3400 Other Funds Ltd	297,142	196,720	196,720	204,195	204,195	-
SPECIAL PAYMENTS						
8000 General Fund	185,702	1,566,886	1,566,886	2,177,028	277,028	-
3200 Other Funds Non-Ltd	88,684,776	115,448,800	115,448,800	162,000,000	162,000,000	-
3400 Other Funds Ltd	1,222,533	11,500,041	29,803,804	35,759,323	35,759,323	-
6400 Federal Funds Ltd	2,743,769	5,279,353	5,349,353	5,539,099	5,539,099	-
TOTAL SPECIAL PAYMENTS	\$92,836,780	\$133,795,080	\$152,168,843	\$205,475,450	\$203,575,450	-
DEBT SERVICE						
7050 Pmt To Ret Bond Escrow						
3230 Other Funds Debt Svc Non-Ltd	3,165,000	-	-	-	-	-
7100 Principal - Bonds						
8030 General Fund Debt Svc	3,269,484	2,890,645	3,545,645	4,806,520	4,806,520	-
3230 Other Funds Debt Svc Non-Ltd	12,955,516	13,774,355	13,774,355	14,190,490	14,190,490	-
All Funds	16,225,000	16,665,000	17,320,000	18,997,010	18,997,010	-
7150 Interest - Bonds						
8030 General Fund Debt Svc	545,582	934,335	1,113,202	1,718,362	1,718,362	-
3230 Other Funds Debt Svc Non-Ltd	2,490,191	2,013,532	2,013,532	1,657,840	1,657,840	-
All Funds	3,035,773	2,947,867	3,126,734	3,376,202	3,376,202	-
DEBT SERVICE						
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,887	15,787,887	15,848,330	15,848,330	-
TOTAL DEBT SERVICE	\$22,425,773	\$19,612,867	\$20,446,734	\$22,373,212	\$22,373,212	-

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Environmental Quality, Dept of

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
EXPENDITURES						
8000 General Fund	34,347,957	40,804,031	43,718,803	57,858,272	44,644,531	-
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
4400 Lottery Funds Ltd	4,084,180	4,610,577	4,732,711	5,332,415	5,322,214	-
3200 Other Funds Non-Ltd	88,733,024	115,898,800	115,898,800	162,415,000	162,415,000	-
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,887	15,787,887	15,848,330	15,848,330	-
3400 Other Funds Ltd	129,989,706	169,639,110	194,863,032	229,584,037	221,421,618	-
6400 Federal Funds Ltd	22,268,911	28,593,914	29,266,525	29,471,343	29,461,797	-
TOTAL EXPENDITURES	\$301,849,551	\$379,159,299	\$408,926,605	\$507,034,279	\$485,638,372	-
REVERSIONS						
9900 Reversions						
8000 General Fund	(1,078)	-	-	-	-	-
ENDING BALANCE						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	20,642	20,644	5,987	-	-	-
3200 Other Funds Non-Ltd	254,090,275	189,918,954	189,918,954	268,797,313	272,147,313	-
3230 Other Funds Debt Svc Non-Ltd	1,873,648	1,877,370	1,877,370	1,998,677	1,998,677	-
3400 Other Funds Ltd	68,174,310	61,223,069	41,323,810	63,345,952	53,060,648	-
6400 Federal Funds Ltd	176,030	549,121	173,006	-	9,546	-
TOTAL ENDING BALANCE	\$324,334,905	\$253,589,158	\$233,313,784	\$334,141,942	\$327,216,184	-
AUTHORIZED POSITIONS						
8150 Class/Unclass Positions	751	742	765	841	789	-
8180 Position Reconciliation	-	3	3	-	(1)	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
TOTAL AUTHORIZED POSITIONS	751	745	768	841	788	-
AUTHORIZED FTE						
8250 Class/Unclass FTE Positions	729.99	723.72	735.29	814.31	767.35	-
8280 FTE Reconciliation	-	0.17	0.17	-	0.18	-
TOTAL AUTHORIZED FTE	729.99	723.89	735.46	814.31	767.53	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
BEGINNING BALANCE						
0025 Beginning Balance						
3400 Other Funds Ltd	15,330,778	11,787,550	11,787,550	14,114,295	14,114,295	-
0030 Beginning Balance Adjustment						
3400 Other Funds Ltd	-	1,100,857	1,100,857	-	-	-
BEGINNING BALANCE						
3400 Other Funds Ltd	15,330,778	12,888,407	12,888,407	14,114,295	14,114,295	-
TOTAL BEGINNING BALANCE	\$15,330,778	\$12,888,407	\$12,888,407	\$14,114,295	\$14,114,295	-
REVENUE CATEGORIES						
GENERAL FUND APPROPRIATION						
0050 General Fund Appropriation						
8000 General Fund	9,399,954	13,399,383	14,670,379	16,484,783	14,742,035	-
LICENSES AND FEES						
0205 Business Lic and Fees						
3400 Other Funds Ltd	18,432,829	18,430,000	20,801,746	33,885,640	25,649,028	-
0210 Non-business Lic. and Fees						
3400 Other Funds Ltd	22,265,852	22,385,663	22,385,663	22,775,816	22,775,816	-
LICENSES AND FEES						
3400 Other Funds Ltd	40,698,681	40,815,663	43,187,409	56,661,456	48,424,844	-
TOTAL LICENSES AND FEES	\$40,698,681	\$40,815,663	\$43,187,409	\$56,661,456	\$48,424,844	-
CHARGES FOR SERVICES						
0410 Charges for Services						
3400 Other Funds Ltd	49,564	-	-	-	-	-

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0415 Admin and Service Charges						
3400 Other Funds Ltd	35	-	-	-	-	-
CHARGES FOR SERVICES						
3400 Other Funds Ltd	49,599	-	-	-	-	-
TOTAL CHARGES FOR SERVICES	\$49,599	-	-	-	-	-
OTHER						
0975 Other Revenues						
3400 Other Funds Ltd	12,338	10,684,687	10,684,687	11,020,607	11,020,607	-
FEDERAL FUNDS REVENUE						
0995 Federal Funds						
6400 Federal Funds Ltd	7,626,890	11,208,065	11,225,270	11,479,568	11,479,568	-
TRANSFERS IN						
1150 Tsfr From Revenue, Dept of						
3400 Other Funds Ltd	-	18,000,000	18,000,000	23,625,000	23,625,000	-
1603 Tsfr From Agriculture, Dept of						
3400 Other Funds Ltd	41,518	111,502	111,502	111,502	111,502	-
1730 Tsfr From Transportation, Dept						
3400 Other Funds Ltd	1,328,810	1,981,642	1,981,642	1,981,642	1,981,642	-
TRANSFERS IN						
3400 Other Funds Ltd	1,370,328	20,093,144	20,093,144	25,718,144	25,718,144	-
TOTAL TRANSFERS IN	\$1,370,328	\$20,093,144	\$20,093,144	\$25,718,144	\$25,718,144	-
REVENUE CATEGORIES						
8000 General Fund	9,399,954	13,399,383	14,670,379	16,484,783	14,742,035	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3400 Other Funds Ltd	42,130,946	71,593,494	73,965,240	93,400,207	85,163,595	-
6400 Federal Funds Ltd	7,626,890	11,208,065	11,225,270	11,479,568	11,479,568	-
TOTAL REVENUE CATEGORIES	\$59,157,790	\$96,200,942	\$99,860,889	\$121,364,558	\$111,385,198	-
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3400 Other Funds Ltd	(226,546)	(253,562)	(253,562)	(238,708)	(238,708)	-
2020 Transfer Out - Indirect Cost						
3400 Other Funds Ltd	(5,541,045)	(6,047,404)	(6,393,550)	(8,427,643)	(8,018,827)	-
6400 Federal Funds Ltd	(751,889)	(996,671)	(1,021,981)	(1,214,452)	(1,214,452)	-
All Funds	(6,292,934)	(7,044,075)	(7,415,531)	(9,642,095)	(9,233,279)	-
2107 Tsfr To Administrative Svcs						
3400 Other Funds Ltd	-	-	(44,175)	-	-	-
2331 Tsfr To Oregon Climate Authority						
3400 Other Funds Ltd	-	-	-	-	(932,120)	-
TRANSFERS OUT						
3400 Other Funds Ltd	(5,767,591)	(6,300,966)	(6,691,287)	(8,666,351)	(9,189,655)	-
6400 Federal Funds Ltd	(751,889)	(996,671)	(1,021,981)	(1,214,452)	(1,214,452)	-
TOTAL TRANSFERS OUT	(\$6,519,480)	(\$7,297,637)	(\$7,713,268)	(\$9,880,803)	(\$10,404,107)	-
AVAILABLE REVENUES						
8000 General Fund	9,399,954	13,399,383	14,670,379	16,484,783	14,742,035	-
3400 Other Funds Ltd	51,694,133	78,180,935	80,162,360	98,848,151	90,088,235	-
6400 Federal Funds Ltd	6,875,001	10,211,394	10,203,289	10,265,116	10,265,116	-
TOTAL AVAILABLE REVENUES	\$67,969,088	\$101,791,712	\$105,036,028	\$125,598,050	\$115,095,386	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
EXPENDITURES						
PERSONAL SERVICES						
SALARIES & WAGES						
3110 Class/Unclass Sal. and Per Diem						
8000 General Fund	2,939,883	4,339,316	4,890,057	5,896,252	5,506,401	-
3400 Other Funds Ltd	17,916,118	20,350,916	21,873,289	24,553,127	24,044,687	-
6400 Federal Funds Ltd	2,597,413	3,345,647	3,469,385	3,623,895	3,623,895	-
All Funds	23,453,414	28,035,879	30,232,731	34,073,274	33,174,983	-
3160 Temporary Appointments						
8000 General Fund	11,805	-	-	-	-	-
3400 Other Funds Ltd	156,088	192,966	192,966	200,298	200,298	-
6400 Federal Funds Ltd	8,310	85,413	85,413	88,659	88,659	-
All Funds	176,203	278,379	278,379	288,957	288,957	-
3170 Overtime Payments						
8000 General Fund	7,592	-	-	-	-	-
3400 Other Funds Ltd	69,646	49,281	49,281	51,154	51,154	-
6400 Federal Funds Ltd	4,242	26,843	26,843	27,863	27,863	-
All Funds	81,480	76,124	76,124	79,017	79,017	-
3180 Shift Differential						
8000 General Fund	328	-	-	-	-	-
3400 Other Funds Ltd	30,493	16,724	16,724	17,360	17,360	-
6400 Federal Funds Ltd	166	-	-	-	-	-
All Funds	30,987	16,724	16,724	17,360	17,360	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3190 All Other Differential						
8000 General Fund	24,892	-	-	-	-	-
3400 Other Funds Ltd	211,604	-	-	-	-	-
6400 Federal Funds Ltd	30,061	-	-	-	-	-
All Funds	266,557	-	-	-	-	-
SALARIES & WAGES						
8000 General Fund	2,984,500	4,339,316	4,890,057	5,896,252	5,506,401	-
3400 Other Funds Ltd	18,383,949	20,609,887	22,132,260	24,821,939	24,313,499	-
6400 Federal Funds Ltd	2,640,192	3,457,903	3,581,641	3,740,417	3,740,417	-
TOTAL SALARIES & WAGES	\$24,008,641	\$28,407,106	\$30,603,958	\$34,458,608	\$33,560,317	-
OTHER PAYROLL EXPENSES						
3210 Empl. Rel. Bd. Assessments						
8000 General Fund	982	2,103	2,235	2,610	2,428	-
3400 Other Funds Ltd	7,557	10,000	10,330	11,855	11,611	-
6400 Federal Funds Ltd	930	1,303	1,303	1,371	1,371	-
All Funds	9,469	13,406	13,868	15,836	15,410	-
3220 Public Employees' Retire Cont						
8000 General Fund	475,594	828,377	887,912	1,000,594	934,437	-
3400 Other Funds Ltd	3,088,243	3,897,595	4,030,439	4,178,280	4,091,998	-
6400 Federal Funds Ltd	443,691	643,812	643,812	619,699	619,699	-
All Funds	4,007,528	5,369,784	5,562,163	5,798,573	5,646,134	-
3221 Pension Obligation Bond						
8000 General Fund	172,263	214,403	246,521	323,235	323,235	-

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3400 Other Funds Ltd	1,086,101	1,247,221	1,159,907	1,264,326	1,264,326	-
6400 Federal Funds Ltd	161,963	182,125	191,595	205,755	205,755	-
All Funds	1,420,327	1,643,749	1,598,023	1,793,316	1,793,316	-
3230 Social Security Taxes						
8000 General Fund	224,621	331,957	355,815	451,059	421,236	-
3400 Other Funds Ltd	1,392,084	1,576,656	1,629,888	1,898,816	1,859,921	-
6400 Federal Funds Ltd	198,439	264,398	264,398	286,064	286,064	-
All Funds	1,815,144	2,173,011	2,250,101	2,635,939	2,567,221	-
3250 Worker's Comp. Assess. (WCD)						
8000 General Fund	1,251	2,543	2,703	2,487	2,312	-
3400 Other Funds Ltd	9,397	12,090	12,490	11,282	11,052	-
6400 Federal Funds Ltd	1,156	1,576	1,576	1,308	1,308	-
All Funds	11,804	16,209	16,769	15,077	14,672	-
3260 Mass Transit Tax						
8000 General Fund	18,753	25,692	27,563	35,378	33,038	-
3400 Other Funds Ltd	100,404	121,605	125,778	148,931	145,878	-
All Funds	119,157	147,297	153,341	184,309	178,916	-
3270 Flexible Benefits						
8000 General Fund	676,538	1,230,850	1,308,190	1,508,189	1,402,168	-
3400 Other Funds Ltd	5,256,691	5,844,506	6,040,299	6,807,443	6,667,177	-
6400 Federal Funds Ltd	634,710	761,578	761,578	791,658	791,658	-
All Funds	6,567,939	7,836,934	8,110,067	9,107,290	8,861,003	-
OTHER PAYROLL EXPENSES						

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8000 General Fund	1,570,002	2,635,925	2,830,939	3,323,552	3,118,854	-
3400 Other Funds Ltd	10,940,477	12,709,673	13,009,131	14,320,933	14,051,963	-
6400 Federal Funds Ltd	1,440,889	1,854,792	1,864,262	1,905,855	1,905,855	-
TOTAL OTHER PAYROLL EXPENSES	\$13,951,368	\$17,200,390	\$17,704,332	\$19,550,340	\$19,076,672	-
P.S. BUDGET ADJUSTMENTS						
3455 Vacancy Savings						
8000 General Fund	-	(188,084)	(188,084)	(75,845)	(242,633)	-
3400 Other Funds Ltd	-	(1,105,617)	(1,105,617)	(305,527)	(305,765)	-
6400 Federal Funds Ltd	-	(162,722)	(162,722)	(49,740)	(49,740)	-
All Funds	-	(1,456,423)	(1,456,423)	(431,112)	(598,138)	-
3465 Reconciliation Adjustment						
8000 General Fund	-	(89,777)	(89,777)	-	-	-
3400 Other Funds Ltd	-	(218,558)	(218,558)	-	(472)	-
6400 Federal Funds Ltd	-	95,610	95,610	-	-	-
All Funds	-	(212,725)	(212,725)	-	(472)	-
P.S. BUDGET ADJUSTMENTS						
8000 General Fund	-	(277,861)	(277,861)	(75,845)	(242,633)	-
3400 Other Funds Ltd	-	(1,324,175)	(1,324,175)	(305,527)	(306,237)	-
6400 Federal Funds Ltd	-	(67,112)	(67,112)	(49,740)	(49,740)	-
TOTAL P.S. BUDGET ADJUSTMENTS	-	(\$1,669,148)	(\$1,669,148)	(\$431,112)	(\$598,610)	-
PERSONAL SERVICES						
8000 General Fund	4,554,502	6,697,380	7,443,135	9,143,959	8,382,622	-
3400 Other Funds Ltd	29,324,426	31,995,385	33,817,216	38,837,345	38,059,225	-

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6400 Federal Funds Ltd	4,081,081	5,245,583	5,378,791	5,596,532	5,596,532	-
TOTAL PERSONAL SERVICES	\$37,960,009	\$43,938,348	\$46,639,142	\$53,577,836	\$52,038,379	-
SERVICES & SUPPLIES						
4100 Instate Travel						
8000 General Fund	29,947	47,514	50,142	58,113	40,864	-
3400 Other Funds Ltd	115,966	138,925	160,151	166,986	162,896	-
6400 Federal Funds Ltd	23,615	26,055	26,055	27,044	27,044	-
All Funds	169,528	212,494	236,348	252,143	230,804	-
4125 Out of State Travel						
8000 General Fund	11,579	2,935	3,363	4,001	3,814	-
3400 Other Funds Ltd	13,181	14,039	15,051	18,143	17,427	-
6400 Federal Funds Ltd	7,596	949	949	985	985	-
All Funds	32,356	17,923	19,363	23,129	22,226	-
4150 Employee Training						
8000 General Fund	65,165	31,310	34,938	41,247	35,963	-
3400 Other Funds Ltd	119,462	193,837	202,439	232,209	226,676	-
6400 Federal Funds Ltd	21,153	28,676	28,676	29,765	29,765	-
All Funds	205,780	253,823	266,053	303,221	292,404	-
4175 Office Expenses						
8000 General Fund	29,429	37,835	41,451	47,967	42,867	-
3400 Other Funds Ltd	207,132	278,781	287,361	321,285	315,333	-
6400 Federal Funds Ltd	17,652	16,513	16,513	17,141	17,141	-
All Funds	254,213	333,129	345,325	386,393	375,341	-

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4200 Telecommunications						
8000 General Fund	44,502	49,882	55,162	64,784	62,486	-
3400 Other Funds Ltd	402,708	427,945	440,463	491,620	485,125	-
6400 Federal Funds Ltd	55,038	21,735	21,735	22,560	22,560	-
All Funds	502,248	499,562	517,360	578,964	570,171	-
4225 State Gov. Service Charges						
8000 General Fund	5,147	-	-	-	-	-
3400 Other Funds Ltd	12,462	-	-	-	-	-
6400 Federal Funds Ltd	1,613	-	-	-	-	-
All Funds	19,222	-	-	-	-	-
4250 Data Processing						
8000 General Fund	30,318	11,688	12,464	13,863	13,524	-
3400 Other Funds Ltd	199,254	74,544	76,383	84,653	65,637	-
6400 Federal Funds Ltd	3,339	5,139	5,139	5,334	5,334	-
All Funds	232,911	91,371	93,986	103,850	84,495	-
4275 Publicity and Publications						
8000 General Fund	3,277	8,160	10,840	14,431	13,265	-
3400 Other Funds Ltd	149,684	88,549	94,907	114,190	111,792	-
6400 Federal Funds Ltd	873	1,050	1,050	1,090	1,090	-
All Funds	153,834	97,759	106,797	129,711	126,147	-
4300 Professional Services						
8000 General Fund	381,921	212,573	555,665	221,501	221,501	-
3400 Other Funds Ltd	56,807	1,191,035	1,191,035	1,241,059	1,228,656	-

**Budget Support - Detail Revenues and Expenditures
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Cross Reference Number: 34000-001-00-00-00000

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
6400 Federal Funds Ltd	4,321	405,755	405,755	82,544	82,544	-
All Funds	443,049	1,809,363	2,152,455	1,545,104	1,532,701	-
4315 IT Professional Services						
3400 Other Funds Ltd	-	188,187	188,187	196,091	196,091	-
4325 Attorney General						
8000 General Fund	147,437	274,385	274,385	329,646	310,032	-
3400 Other Funds Ltd	131,578	483,893	684,093	581,349	546,759	-
6400 Federal Funds Ltd	1,909	43,830	43,830	52,657	49,524	-
All Funds	280,924	802,108	1,002,308	963,652	906,315	-
4350 Dispute Resolution Services						
8000 General Fund	573	-	-	-	-	-
3400 Other Funds Ltd	20,344	-	-	-	-	-
6400 Federal Funds Ltd	1,328	-	-	-	-	-
All Funds	22,245	-	-	-	-	-
4375 Employee Recruitment and Develop						
8000 General Fund	1,211	1,111	1,175	1,293	1,266	-
3400 Other Funds Ltd	5,292	1,390	1,535	1,963	1,810	-
6400 Federal Funds Ltd	149	714	714	741	741	-
All Funds	6,652	3,215	3,424	3,997	3,817	-
4400 Dues and Subscriptions						
8000 General Fund	341	1,461	1,677	1,996	1,903	-
3400 Other Funds Ltd	7,541	10,056	10,562	12,259	11,967	-
6400 Federal Funds Ltd	77	1,102	1,102	1,144	1,144	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
All Funds	7,959	12,619	13,341	15,399	15,014	-
4425 Facilities Rental and Taxes						
8000 General Fund	1,451,381	1,499,917	1,544,641	1,665,439	1,584,946	-
3400 Other Funds Ltd	4,263,605	4,540,518	4,646,536	4,770,229	4,645,878	-
6400 Federal Funds Ltd	277,377	418,951	418,951	434,871	434,871	-
All Funds	5,992,363	6,459,386	6,610,128	6,870,539	6,665,695	-
4450 Fuels and Utilities						
8000 General Fund	18,078	11,087	12,499	14,647	14,032	-
3400 Other Funds Ltd	360,786	438,011	441,355	472,015	469,564	-
6400 Federal Funds Ltd	21,920	5,601	5,601	5,815	5,815	-
All Funds	400,784	454,699	459,455	492,477	489,411	-
4475 Facilities Maintenance						
8000 General Fund	2,209	2,004	2,164	2,436	2,366	-
3400 Other Funds Ltd	56,239	117,800	118,183	125,478	125,176	-
6400 Federal Funds Ltd	2,375	1,023	1,023	1,062	1,062	-
All Funds	60,823	120,827	121,370	128,976	128,604	-
4525 Medical Services and Supplies						
8000 General Fund	1	179	243	325	298	-
3400 Other Funds Ltd	2,117	2,009	2,154	2,605	2,549	-
6400 Federal Funds Ltd	-	24	24	25	25	-
All Funds	2,118	2,212	2,421	2,955	2,872	-
4575 Agency Program Related S and S						
8000 General Fund	340,492	701,853	702,273	1,238,399	689,406	-

**Budget Support - Detail Revenues and Expenditures
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<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
3400 Other Funds Ltd	141,646	210,794	211,784	225,316	223,829	-
6400 Federal Funds Ltd	305,352	71,077	71,077	73,778	73,778	-
All Funds	787,490	983,724	985,134	1,537,493	987,013	-
4600 Intra-agency Charges						
8000 General Fund	874,466	1,269,096	1,359,303	1,750,578	1,699,058	-
4650 Other Services and Supplies						
8000 General Fund	828,225	965,564	985,962	1,090,251	914,793	-
3400 Other Funds Ltd	1,274,953	1,386,118	1,615,222	1,952,828	1,877,924	-
6400 Federal Funds Ltd	187,370	420,733	420,733	436,720	436,720	-
All Funds	2,290,548	2,772,415	3,021,917	3,479,799	3,229,437	-
4700 Expendable Prop 250 - 5000						
8000 General Fund	67,102	132,705	136,153	154,258	97,632	-
3400 Other Funds Ltd	118,997	279,625	287,800	321,157	315,332	-
6400 Federal Funds Ltd	34,963	39,106	39,106	40,592	40,592	-
All Funds	221,062	451,436	463,059	516,007	453,556	-
4715 IT Expendable Property						
8000 General Fund	75,580	45,569	47,569	54,567	38,315	-
3400 Other Funds Ltd	361,919	150,939	155,682	175,264	173,474	-
6400 Federal Funds Ltd	31,628	7,401	7,401	7,682	7,682	-
All Funds	469,127	203,909	210,652	237,513	219,471	-
SERVICES & SUPPLIES						
8000 General Fund	4,408,381	5,306,828	5,832,069	6,769,742	5,788,331	-
3400 Other Funds Ltd	8,021,673	10,216,995	10,830,883	11,506,699	11,203,895	-

Budget Support - Detail Revenues and Expenditures
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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
6400 Federal Funds Ltd	999,648	1,515,434	1,515,434	1,241,550	1,238,417	-
TOTAL SERVICES & SUPPLIES	\$13,429,702	\$17,039,257	\$18,178,386	\$19,517,991	\$18,230,643	-
CAPITAL OUTLAY						
5100 Office Furniture and Fixtures						
8000 General Fund	9,140	-	-	-	-	-
3400 Other Funds Ltd	19,126	-	-	-	-	-
All Funds	28,266	-	-	-	-	-
5150 Telecommunications Equipment						
8000 General Fund	65,730	-	-	-	-	-
3400 Other Funds Ltd	98,404	-	-	-	-	-
All Funds	164,134	-	-	-	-	-
5200 Technical Equipment						
8000 General Fund	173,132	1,054,250	1,054,250	269,102	269,102	-
3400 Other Funds Ltd	-	611,436	611,436	634,670	634,670	-
6400 Federal Funds Ltd	-	173,359	173,359	179,946	179,946	-
All Funds	173,132	1,839,045	1,839,045	1,083,718	1,083,718	-
5550 Data Processing Software						
8000 General Fund	32,220	50,000	50,000	-	-	-
3400 Other Funds Ltd	536,952	-	-	-	-	-
All Funds	569,172	50,000	50,000	-	-	-
5600 Data Processing Hardware						
8000 General Fund	-	24,039	24,039	24,952	24,952	-
3400 Other Funds Ltd	82,536	140,724	140,724	146,072	146,072	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
All Funds	82,536	164,763	164,763	171,024	171,024	-
5900 Other Capital Outlay						
8000 General Fund	21,676	-	-	-	-	-
3400 Other Funds Ltd	79,823	-	-	-	-	-
6400 Federal Funds Ltd	(2,691)	-	-	-	-	-
All Funds	98,808	-	-	-	-	-
CAPITAL OUTLAY						
8000 General Fund	301,898	1,128,289	1,128,289	294,054	294,054	-
3400 Other Funds Ltd	816,841	752,160	752,160	780,742	780,742	-
6400 Federal Funds Ltd	(2,691)	173,359	173,359	179,946	179,946	-
TOTAL CAPITAL OUTLAY	\$1,116,048	\$2,053,808	\$2,053,808	\$1,254,742	\$1,254,742	-
SPECIAL PAYMENTS						
6025 Dist to Other Gov Unit						
8000 General Fund	129,702	266,886	266,886	277,028	277,028	-
3400 Other Funds Ltd	-	-	18,303,763	18,303,763	18,303,763	-
6400 Federal Funds Ltd	138,027	1,969,458	1,969,458	2,044,298	2,044,298	-
All Funds	267,729	2,236,344	20,540,107	20,625,089	20,625,089	-
6030 Dist to Non-Gov Units						
3400 Other Funds Ltd	-	10,142,914	10,142,914	16,047,887	16,047,887	-
6400 Federal Funds Ltd	1,465,176	1,050,677	1,050,677	1,090,603	1,090,603	-
All Funds	1,465,176	11,193,591	11,193,591	17,138,490	17,138,490	-
6040 Dist to Local School Districts						
6400 Federal Funds Ltd	193,760	-	-	-	-	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
6257 Spc Pmt to Police, Dept of State						
8000 General Fund	4,890	-	-	-	-	-
3400 Other Funds Ltd	98,075	19,127	19,127	19,127	19,127	-
6400 Federal Funds Ltd	-	112,187	112,187	112,187	112,187	-
All Funds	102,965	131,314	131,314	131,314	131,314	-
6730 Spc Pmt to Transportation, Dept						
3400 Other Funds Ltd	297,142	196,720	196,720	204,195	204,195	-
SPECIAL PAYMENTS						
8000 General Fund	134,592	266,886	266,886	277,028	277,028	-
3400 Other Funds Ltd	395,217	10,358,761	28,662,524	34,574,972	34,574,972	-
6400 Federal Funds Ltd	1,796,963	3,132,322	3,132,322	3,247,088	3,247,088	-
TOTAL SPECIAL PAYMENTS	\$2,326,772	\$13,757,969	\$32,061,732	\$38,099,088	\$38,099,088	-
EXPENDITURES						
8000 General Fund	9,399,373	13,399,383	14,670,379	16,484,783	14,742,035	-
3400 Other Funds Ltd	38,558,157	53,323,301	74,062,783	85,699,758	84,618,834	-
6400 Federal Funds Ltd	6,875,001	10,066,698	10,199,906	10,265,116	10,261,983	-
TOTAL EXPENDITURES	\$54,832,531	\$76,789,382	\$98,933,068	\$112,449,657	\$109,622,852	-
REVERSIONS						
9900 Reversions						
8000 General Fund	(581)	-	-	-	-	-
ENDING BALANCE						
3400 Other Funds Ltd	13,135,976	24,857,634	6,099,577	13,148,393	5,469,401	-
6400 Federal Funds Ltd	-	144,696	3,383	-	3,133	-

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TOTAL ENDING BALANCE	\$13,135,976	\$25,002,330	\$6,102,960	\$13,148,393	\$5,472,534	-
AUTHORIZED POSITIONS						
8150 Class/Unclass Positions	243	241	258	269	262	-
8180 Position Reconciliation	-	-	-	-	(1)	-
TOTAL AUTHORIZED POSITIONS	243	241	258	269	261	-
AUTHORIZED FTE						
8250 Class/Unclass FTE Positions	232.14	232.61	240.80	257.99	250.97	-
8280 FTE Reconciliation	-	(1.00)	(1.00)	-	0.18	-
TOTAL AUTHORIZED FTE	232.14	231.61	239.80	257.99	251.15	-

Budget Support - Detail Revenues and Expenditures
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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
BEGINNING BALANCE						
0025 Beginning Balance						
4400 Lottery Funds Ltd	16,358	20,644	20,644	-	-	-
3400 Other Funds Ltd	7,516,690	5,971,876	5,971,876	5,814,524	5,814,524	-
All Funds	7,533,048	5,992,520	5,992,520	5,814,524	5,814,524	-
0030 Beginning Balance Adjustment						
3400 Other Funds Ltd	-	(76,716)	(76,716)	-	-	-
BEGINNING BALANCE						
4400 Lottery Funds Ltd	16,358	20,644	20,644	-	-	-
3400 Other Funds Ltd	7,516,690	5,895,160	5,895,160	5,814,524	5,814,524	-
TOTAL BEGINNING BALANCE	\$7,533,048	\$5,915,804	\$5,915,804	\$5,814,524	\$5,814,524	-
REVENUE CATEGORIES						
GENERAL FUND APPROPRIATION						
0050 General Fund Appropriation						
8000 General Fund	23,934,092	25,538,818	26,037,955	38,431,138	27,814,971	-
LICENSES AND FEES						
0205 Business Lic and Fees						
3400 Other Funds Ltd	14,516,923	16,016,650	16,016,650	20,038,158	16,752,985	-
0210 Non-business Lic. and Fees						
3400 Other Funds Ltd	4,002,199	4,676,813	4,676,813	5,365,646	5,181,646	-
LICENSES AND FEES						
3400 Other Funds Ltd	18,519,122	20,693,463	20,693,463	25,403,804	21,934,631	-
TOTAL LICENSES AND FEES	\$18,519,122	\$20,693,463	\$20,693,463	\$25,403,804	\$21,934,631	-

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2019-21 Biennium
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<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
CHARGES FOR SERVICES						
0410 Charges for Services						
3400 Other Funds Ltd	3,346,176	3,822,499	3,822,499	4,972,778	4,972,778	-
INTEREST EARNINGS						
0605 Interest Income						
3400 Other Funds Ltd	62,052	-	-	-	-	-
OTHER						
0975 Other Revenues						
3400 Other Funds Ltd	1,361,114	125,000	125,000	345,000	345,000	-
FEDERAL FUNDS REVENUE						
0995 Federal Funds						
6400 Federal Funds Ltd	10,562,702	12,898,748	13,282,054	13,213,404	13,213,404	-
TRANSFERS IN						
1010 Transfer In - Intrafund						
3400 Other Funds Ltd	-	-	-	3,350,000	-	-
1040 Transfer In Lottery Proceeds						
4400 Lottery Funds Ltd	-	-	-	10,201	-	-
1050 Transfer In Other						
3400 Other Funds Ltd	-	-	-	321,096	41,278	-
1443 Tsfr From Oregon Health Authority						
3400 Other Funds Ltd	1,412,062	1,855,116	1,529,964	1,669,749	1,669,749	-
1603 Tsfr From Agriculture, Dept of						
3400 Other Funds Ltd	1,075,064	1,107,872	1,107,872	1,160,793	1,160,793	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
1632 Tsfr From Geology/Mineral Ind						
3400 Other Funds Ltd	502	7,500	7,500	7,500	7,500	-
1690 Tsfr From Water Resources Dept						
3400 Other Funds Ltd	722,335	681,921	681,921	714,000	714,000	-
1691 Tsfr From Watershed Enhance Bd						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,322,214	5,322,214	-
3400 Other Funds Ltd	47,495	-	-	-	-	-
All Funds	4,135,959	4,610,577	4,732,711	5,322,214	5,322,214	-
1730 Tsfr From Transportation, Dept						
3400 Other Funds Ltd	-	223,370	223,370	21,960	21,960	-
TRANSFERS IN						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,332,415	5,322,214	-
3400 Other Funds Ltd	3,257,458	3,875,779	3,550,627	7,245,098	3,615,280	-
TOTAL TRANSFERS IN	\$7,345,922	\$8,486,356	\$8,283,338	\$12,577,513	\$8,937,494	-
REVENUE CATEGORIES						
8000 General Fund	23,934,092	25,538,818	26,037,955	38,431,138	27,814,971	-
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,088,464	4,610,577	4,718,054	5,332,415	5,322,214	-
3400 Other Funds Ltd	26,545,922	28,516,741	28,191,589	37,966,680	30,867,689	-
6400 Federal Funds Ltd	10,562,702	12,898,748	13,282,054	13,213,404	13,213,404	-
TOTAL REVENUE CATEGORIES	\$65,131,180	\$71,564,884	\$72,244,309	\$94,943,637	\$77,218,278	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3400 Other Funds Ltd	(565,511)	(131,557)	(131,557)	(144,505)	(144,505)	-
2020 Transfer Out - Indirect Cost						
3400 Other Funds Ltd	(3,329,806)	(3,830,794)	(3,914,796)	(5,220,107)	(4,733,027)	-
6400 Federal Funds Ltd	(1,324,861)	(1,335,105)	(1,399,387)	(1,558,061)	(1,558,061)	-
All Funds	(4,654,667)	(5,165,899)	(5,314,183)	(6,778,168)	(6,291,088)	-
2632 Tsfr To Geology/Mineral Ind						
3400 Other Funds Ltd	(258,682)	(259,000)	(259,000)	(259,000)	(259,000)	-
TRANSFERS OUT						
3400 Other Funds Ltd	(4,153,999)	(4,221,351)	(4,305,353)	(5,623,612)	(5,136,532)	-
6400 Federal Funds Ltd	(1,324,861)	(1,335,105)	(1,399,387)	(1,558,061)	(1,558,061)	-
TOTAL TRANSFERS OUT	(\$5,478,860)	(\$5,556,456)	(\$5,704,740)	(\$7,181,673)	(\$6,694,593)	-
AVAILABLE REVENUES						
8000 General Fund	23,934,092	25,538,818	26,037,955	38,431,138	27,814,971	-
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	4,104,822	4,631,221	4,738,698	5,332,415	5,322,214	-
3400 Other Funds Ltd	29,908,613	30,190,550	29,781,396	38,157,592	31,545,681	-
6400 Federal Funds Ltd	9,237,841	11,563,643	11,882,667	11,655,343	11,655,343	-
TOTAL AVAILABLE REVENUES	\$67,185,368	\$71,924,232	\$72,455,373	\$93,576,488	\$76,338,209	-
EXPENDITURES						
PERSONAL SERVICES						
SALARIES & WAGES						

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3110 Class/Unclass Sal. and Per Diem						
8000 General Fund	9,939,291	11,087,927	11,535,208	15,903,743	12,454,828	-
4400 Lottery Funds Ltd	1,710,012	2,164,860	2,277,065	2,498,214	2,498,214	-
3400 Other Funds Ltd	11,257,627	12,910,724	13,447,601	15,481,741	14,934,236	-
6400 Federal Funds Ltd	4,580,596	4,652,575	4,937,194	4,700,210	4,700,210	-
All Funds	27,487,526	30,816,086	32,197,068	38,583,908	34,587,488	-
3160 Temporary Appointments						
8000 General Fund	71,023	12,588	12,588	13,066	13,066	-
4400 Lottery Funds Ltd	30,643	-	-	-	-	-
3400 Other Funds Ltd	127,266	343,953	323,048	335,323	335,323	-
6400 Federal Funds Ltd	48,061	-	20,905	21,699	21,699	-
All Funds	276,993	356,541	356,541	370,088	370,088	-
3170 Overtime Payments						
8000 General Fund	8,185	7,854	7,854	8,152	8,152	-
4400 Lottery Funds Ltd	283	-	-	-	-	-
3400 Other Funds Ltd	4,592	22,858	22,858	23,726	23,726	-
6400 Federal Funds Ltd	5,629	-	-	-	-	-
All Funds	18,689	30,712	30,712	31,878	31,878	-
3180 Shift Differential						
8000 General Fund	570	-	-	-	-	-
4400 Lottery Funds Ltd	206	-	-	-	-	-
3400 Other Funds Ltd	546	-	-	-	-	-
6400 Federal Funds Ltd	389	-	-	-	-	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
All Funds	1,711	-	-	-	-	-
3190 All Other Differential						
8000 General Fund	67,250	-	-	-	-	-
4400 Lottery Funds Ltd	24,292	-	-	-	-	-
3400 Other Funds Ltd	87,539	-	-	-	-	-
6400 Federal Funds Ltd	45,377	-	-	-	-	-
All Funds	224,458	-	-	-	-	-
SALARIES & WAGES						
8000 General Fund	10,086,319	11,108,369	11,555,650	15,924,961	12,476,046	-
4400 Lottery Funds Ltd	1,765,436	2,164,860	2,277,065	2,498,214	2,498,214	-
3400 Other Funds Ltd	11,477,570	13,277,535	13,793,507	15,840,790	15,293,285	-
6400 Federal Funds Ltd	4,680,052	4,652,575	4,958,099	4,721,909	4,721,909	-
TOTAL SALARIES & WAGES	\$28,009,377	\$31,203,339	\$32,584,321	\$38,985,874	\$34,989,454	-
OTHER PAYROLL EXPENSES						
3210 Empl. Rel. Bd. Assessments						
8000 General Fund	3,235	4,444	4,420	6,834	5,209	-
4400 Lottery Funds Ltd	618	971	971	1,074	1,074	-
3400 Other Funds Ltd	3,875	5,268	5,235	6,330	6,044	-
6400 Federal Funds Ltd	1,533	1,866	1,923	1,866	1,866	-
All Funds	9,261	12,549	12,549	16,104	14,193	-
3220 Public Employees' Retire Cont						
8000 General Fund	1,644,814	2,118,187	2,104,532	2,700,245	2,114,962	-
4400 Lottery Funds Ltd	276,209	413,274	413,274	423,944	423,944	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3400 Other Funds Ltd	1,836,412	2,469,020	2,458,475	2,631,275	2,538,363	-
6400 Federal Funds Ltd	768,479	888,179	912,379	797,625	797,625	-
All Funds	4,525,914	5,888,660	5,888,660	6,553,089	5,874,894	-
3221 Pension Obligation Bond						
8000 General Fund	604,248	650,039	630,363	672,241	672,241	-
4400 Lottery Funds Ltd	103,850	113,059	122,988	140,799	140,799	-
3400 Other Funds Ltd	671,599	772,403	727,413	797,393	797,393	-
6400 Federal Funds Ltd	275,610	300,772	271,676	285,411	285,411	-
All Funds	1,655,307	1,836,273	1,752,440	1,895,844	1,895,844	-
3230 Social Security Taxes						
8000 General Fund	760,296	849,525	844,053	1,218,098	954,260	-
4400 Lottery Funds Ltd	133,169	165,611	165,611	191,111	191,111	-
3400 Other Funds Ltd	865,038	1,015,732	1,009,907	1,211,819	1,169,936	-
6400 Federal Funds Ltd	351,881	355,922	367,219	361,225	361,225	-
All Funds	2,110,384	2,386,790	2,386,790	2,982,253	2,676,532	-
3240 Unemployment Assessments						
3400 Other Funds Ltd	-	880	880	913	913	-
3250 Worker's Comp. Assess. (WCD)						
8000 General Fund	4,179	5,371	5,342	6,503	4,960	-
4400 Lottery Funds Ltd	808	1,170	1,170	1,023	1,023	-
3400 Other Funds Ltd	4,812	6,364	6,324	6,036	5,764	-
6400 Federal Funds Ltd	1,949	2,253	2,322	1,777	1,777	-
All Funds	11,748	15,158	15,158	15,339	13,524	-

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3260 Mass Transit Tax						
8000 General Fund	54,878	66,602	66,173	95,550	74,854	-
4400 Lottery Funds Ltd	10,446	12,994	12,994	14,989	14,989	-
3400 Other Funds Ltd	50,741	78,033	77,701	95,044	91,759	-
All Funds	116,065	157,629	156,868	205,583	181,602	-
3270 Flexible Benefits						
8000 General Fund	2,223,132	2,597,184	2,583,032	3,944,570	3,006,917	-
4400 Lottery Funds Ltd	397,202	565,690	565,690	619,422	619,422	-
3400 Other Funds Ltd	2,571,316	3,077,462	3,058,278	3,657,043	3,492,265	-
6400 Federal Funds Ltd	1,026,815	1,090,810	1,124,146	1,078,970	1,078,970	-
All Funds	6,218,465	7,331,146	7,331,146	9,300,005	8,197,574	-
OTHER PAYROLL EXPENSES						
8000 General Fund	5,294,782	6,291,352	6,237,915	8,644,041	6,833,403	-
4400 Lottery Funds Ltd	922,302	1,272,769	1,282,698	1,392,362	1,392,362	-
3400 Other Funds Ltd	6,003,793	7,425,162	7,344,213	8,405,853	8,102,437	-
6400 Federal Funds Ltd	2,426,267	2,639,802	2,679,665	2,526,874	2,526,874	-
TOTAL OTHER PAYROLL EXPENSES	\$14,647,144	\$17,629,085	\$17,544,491	\$20,969,130	\$18,855,076	-
P.S. BUDGET ADJUSTMENTS						
3455 Vacancy Savings						
8000 General Fund	-	(552,879)	(552,879)	(155,060)	(99,505)	-
4400 Lottery Funds Ltd	-	(97,402)	(97,402)	(31,714)	(31,714)	-
3400 Other Funds Ltd	-	(673,592)	(666,513)	(188,749)	(188,749)	-
6400 Federal Funds Ltd	-	(265,479)	(272,558)	(68,792)	(68,792)	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
All Funds	-	(1,589,352)	(1,589,352)	(444,315)	(388,760)	-
3465 Reconciliation Adjustment						
8000 General Fund	-	(24,114)	(24,114)	-	-	-
4400 Lottery Funds Ltd	-	(444)	(444)	-	-	-
3400 Other Funds Ltd	-	132,895	132,895	-	-	-
All Funds	-	108,337	108,337	-	-	-
P.S. BUDGET ADJUSTMENTS						
8000 General Fund	-	(576,993)	(576,993)	(155,060)	(99,505)	-
4400 Lottery Funds Ltd	-	(97,846)	(97,846)	(31,714)	(31,714)	-
3400 Other Funds Ltd	-	(540,697)	(533,618)	(188,749)	(188,749)	-
6400 Federal Funds Ltd	-	(265,479)	(272,558)	(68,792)	(68,792)	-
TOTAL P.S. BUDGET ADJUSTMENTS	-	(\$1,481,015)	(\$1,481,015)	(\$444,315)	(\$388,760)	-
PERSONAL SERVICES						
8000 General Fund	15,381,101	16,822,728	17,216,572	24,413,942	19,209,944	-
4400 Lottery Funds Ltd	2,687,738	3,339,783	3,461,917	3,858,862	3,858,862	-
3400 Other Funds Ltd	17,481,363	20,162,000	20,604,102	24,057,894	23,206,973	-
6400 Federal Funds Ltd	7,106,319	7,026,898	7,365,206	7,179,991	7,179,991	-
TOTAL PERSONAL SERVICES	\$42,656,521	\$47,351,409	\$48,647,797	\$59,510,689	\$53,455,770	-
SERVICES & SUPPLIES						
4100 Instate Travel						
8000 General Fund	136,632	84,690	84,690	149,967	111,324	-
4400 Lottery Funds Ltd	71,586	19,347	19,347	21,397	21,397	-
3400 Other Funds Ltd	180,518	172,479	150,407	175,641	168,966	-

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6400 Federal Funds Ltd	76,822	66,462	88,534	83,051	83,051	-
All Funds	465,558	342,978	342,978	430,056	384,738	-
4125 Out of State Travel						
8000 General Fund	13,242	6,096	6,096	12,285	10,505	-
4400 Lottery Funds Ltd	624	2,140	2,140	2,378	2,378	-
3400 Other Funds Ltd	20,716	24,036	23,704	26,885	26,097	-
6400 Federal Funds Ltd	9,499	2,176	2,508	2,476	2,476	-
All Funds	44,081	34,448	34,448	44,024	41,456	-
4150 Employee Training						
8000 General Fund	168,193	71,338	71,338	131,553	97,325	-
4400 Lottery Funds Ltd	13,894	23,240	23,240	25,550	25,550	-
3400 Other Funds Ltd	181,859	135,425	134,461	160,596	153,344	-
6400 Federal Funds Ltd	57,277	34,209	35,173	33,509	33,509	-
All Funds	421,223	264,212	264,212	351,208	309,728	-
4175 Office Expenses						
8000 General Fund	103,948	100,530	100,530	187,329	138,529	-
4400 Lottery Funds Ltd	9,585	24,608	24,608	27,638	27,638	-
3400 Other Funds Ltd	66,354	170,125	167,357	204,512	193,878	-
6400 Federal Funds Ltd	31,043	35,257	38,025	36,511	36,511	-
All Funds	210,930	330,520	330,520	455,990	396,556	-
4200 Telecommunications						
8000 General Fund	124,758	116,310	116,310	221,197	166,022	-
4400 Lottery Funds Ltd	13,999	31,920	31,920	35,623	35,623	-

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3400 Other Funds Ltd	130,407	265,606	262,789	309,397	296,766	-
6400 Federal Funds Ltd	51,833	75,587	78,404	72,920	72,920	-
All Funds	320,997	489,423	489,423	639,137	571,331	-
4225 State Gov. Service Charges						
8000 General Fund	12,633	-	-	-	-	-
4400 Lottery Funds Ltd	281	-	-	-	-	-
3400 Other Funds Ltd	31,438	-	-	-	-	-
6400 Federal Funds Ltd	140	-	-	-	-	-
All Funds	44,492	-	-	-	-	-
4250 Data Processing						
8000 General Fund	22,487	33,530	33,530	76,106	47,626	-
4400 Lottery Funds Ltd	1,341	14,367	14,367	15,624	15,624	-
3400 Other Funds Ltd	4,759	49,884	49,716	362,038	271,821	-
6400 Federal Funds Ltd	2,266	6,704	6,872	6,513	6,513	-
All Funds	30,853	104,485	104,485	460,281	341,584	-
4275 Publicity and Publications						
8000 General Fund	7,120	86	86	489	273	-
4400 Lottery Funds Ltd	166	24	24	34	34	-
3400 Other Funds Ltd	31,743	303	303	472	419	-
6400 Federal Funds Ltd	2,399	4	4	4	4	-
All Funds	41,428	417	417	999	730	-
4300 Professional Services						
8000 General Fund	195,209	21,063	21,063	521,947	254,982	-

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4400 Lottery Funds Ltd	50,000	61,002	61,002	63,564	59,089	-
3400 Other Funds Ltd	206,671	6,677	6,677	6,957	6,957	-
6400 Federal Funds Ltd	377	288,041	288,041	234,132	234,132	-
All Funds	452,257	376,783	376,783	826,600	555,160	-
4315 IT Professional Services						
8000 General Fund	-	226,114	226,114	266,092	19,866	-
4400 Lottery Funds Ltd	-	1,845	1,845	2,719	2,719	-
3400 Other Funds Ltd	-	114,586	114,586	481,051	402,022	-
6400 Federal Funds Ltd	110,132	156,220	156,220	162,781	162,781	-
All Funds	110,132	498,765	498,765	912,643	587,388	-
4325 Attorney General						
8000 General Fund	216,949	318,130	318,130	382,201	359,460	-
4400 Lottery Funds Ltd	34,085	80,106	80,106	96,240	90,514	-
3400 Other Funds Ltd	591,469	476,583	476,583	563,678	530,139	-
6400 Federal Funds Ltd	84,839	41,654	41,654	50,043	47,065	-
All Funds	927,342	916,473	916,473	1,092,162	1,027,178	-
4350 Dispute Resolution Services						
8000 General Fund	527	324	324	1,803	1,024	-
4400 Lottery Funds Ltd	-	87	87	130	130	-
3400 Other Funds Ltd	20,931	290	290	861	668	-
6400 Federal Funds Ltd	495	3	3	3	3	-
All Funds	21,953	704	704	2,797	1,825	-
4375 Employee Recruitment and Develop						

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8000 General Fund	12,617	836	836	1,403	1,089	-
4400 Lottery Funds Ltd	-	489	489	521	521	-
3400 Other Funds Ltd	19,966	1,282	1,181	1,430	1,361	-
6400 Federal Funds Ltd	951	486	587	535	535	-
All Funds	33,534	3,093	3,093	3,889	3,506	-
4400 Dues and Subscriptions						
8000 General Fund	2,323	1,351	1,351	4,049	2,596	-
4400 Lottery Funds Ltd	52	644	644	737	737	-
3400 Other Funds Ltd	1,120	1,805	1,698	2,778	2,427	-
6400 Federal Funds Ltd	541	517	624	570	570	-
All Funds	4,036	4,317	4,317	8,134	6,330	-
4425 Facilities Rental and Taxes						
8000 General Fund	2,954,357	2,490,446	2,490,446	2,510,329	2,399,415	-
4400 Lottery Funds Ltd	73,133	138,948	138,948	156,641	156,641	-
3400 Other Funds Ltd	1,181,128	1,588,895	1,588,895	1,647,119	1,627,857	-
6400 Federal Funds Ltd	457,786	608,346	608,346	617,894	617,894	-
All Funds	4,666,404	4,826,635	4,826,635	4,931,983	4,801,807	-
4450 Fuels and Utilities						
8000 General Fund	1,385	10,813	10,813	20,231	15,044	-
4400 Lottery Funds Ltd	290	6,285	6,285	6,760	6,760	-
3400 Other Funds Ltd	2,239	20,657	19,399	23,577	22,387	-
6400 Federal Funds Ltd	891	6,902	8,160	7,477	7,477	-
All Funds	4,805	44,657	44,657	58,045	51,668	-

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4475 Facilities Maintenance						
8000 General Fund	5,826	1,690	1,690	3,995	2,743	-
4400 Lottery Funds Ltd	566	932	932	1,025	1,025	-
3400 Other Funds Ltd	7,839	3,194	3,024	3,996	3,698	-
6400 Federal Funds Ltd	1,171	1,112	1,282	1,182	1,182	-
All Funds	15,402	6,928	6,928	10,198	8,648	-
4525 Medical Services and Supplies						
8000 General Fund	123	-	-	-	-	-
3400 Other Funds Ltd	592	-	-	-	-	-
6400 Federal Funds Ltd	42	-	-	-	-	-
All Funds	757	-	-	-	-	-
4575 Agency Program Related S and S						
8000 General Fund	418,129	87,628	87,628	329,320	92,191	-
4400 Lottery Funds Ltd	112,289	5,545	5,545	5,844	5,844	-
3400 Other Funds Ltd	7,948	45,214	44,038	47,631	47,192	-
6400 Federal Funds Ltd	42,746	175,270	176,446	183,088	183,088	-
All Funds	581,112	313,657	313,657	565,883	328,315	-
4600 Intra-agency Charges						
8000 General Fund	2,886,224	2,997,100	2,997,100	4,791,583	3,701,690	-
4400 Lottery Funds Ltd	510,983	624,555	624,555	756,701	756,701	-
All Funds	3,397,207	3,621,655	3,621,655	5,548,284	4,458,391	-
4650 Other Services and Supplies						
8000 General Fund	572,086	629,128	629,128	1,595,230	821,123	-

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4400 Lottery Funds Ltd	395,587	184,408	184,408	200,704	200,704	-
3400 Other Funds Ltd	574,541	901,118	881,606	1,264,293	1,123,268	-
6400 Federal Funds Ltd	181,358	680,302	700,575	720,491	720,491	-
All Funds	1,723,572	2,394,956	2,395,717	3,780,718	2,865,586	-
4700 Expendable Prop 250 - 5000						
8000 General Fund	92,275	70,103	70,103	125,691	81,661	-
4400 Lottery Funds Ltd	22,647	34,362	34,362	36,143	36,143	-
3400 Other Funds Ltd	68,615	98,744	95,845	107,109	104,693	-
6400 Federal Funds Ltd	33,888	11,936	14,835	13,278	13,278	-
All Funds	217,425	215,145	215,145	282,221	235,775	-
4715 IT Expendable Property						
8000 General Fund	263,113	72,310	72,310	125,722	91,865	-
4400 Lottery Funds Ltd	48,958	15,940	15,940	17,580	17,580	-
3400 Other Funds Ltd	157,983	57,363	57,287	74,814	69,576	-
6400 Federal Funds Ltd	58,982	13,716	13,792	14,104	14,104	-
All Funds	529,036	159,329	159,329	232,220	193,125	-
SERVICES & SUPPLIES						
8000 General Fund	8,210,156	7,339,616	7,339,616	11,458,522	8,416,353	-
4400 Lottery Funds Ltd	1,360,066	1,270,794	1,270,794	1,473,553	1,463,352	-
3400 Other Funds Ltd	3,488,836	4,134,266	4,079,846	5,464,835	5,053,536	-
6400 Federal Funds Ltd	1,205,478	2,204,904	2,260,085	2,240,562	2,237,584	-
TOTAL SERVICES & SUPPLIES	\$14,264,536	\$14,949,580	\$14,950,341	\$20,637,472	\$17,170,825	-

CAPITAL OUTLAY

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5100 Office Furniture and Fixtures						
8000 General Fund	24,734	-	-	-	-	-
4400 Lottery Funds Ltd	1,586	-	-	-	-	-
3400 Other Funds Ltd	13,384	-	-	-	-	-
6400 Federal Funds Ltd	(2,285)	-	-	-	-	-
All Funds	37,419	-	-	-	-	-
5150 Telecommunications Equipment						
8000 General Fund	148,118	-	-	-	-	-
4400 Lottery Funds Ltd	8,253	-	-	-	-	-
3400 Other Funds Ltd	70,805	-	-	-	-	-
All Funds	227,176	-	-	-	-	-
5200 Technical Equipment						
8000 General Fund	34,622	76,474	181,767	588,674	188,674	-
4400 Lottery Funds Ltd	8,357	-	-	-	-	-
3400 Other Funds Ltd	10,625	105,293	-	-	-	-
All Funds	53,604	181,767	181,767	588,674	188,674	-
5550 Data Processing Software						
8000 General Fund	271	-	-	70,000	-	-
3400 Other Funds Ltd	833	-	-	3,000,000	-	-
6400 Federal Funds Ltd	(1,104)	-	-	-	-	-
All Funds	-	-	-	3,070,000	-	-
5600 Data Processing Hardware						
8000 General Fund	10,990	-	-	-	-	-

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4400 Lottery Funds Ltd	15,250	-	-	-	-	-
3400 Other Funds Ltd	7,195	136,605	136,605	141,796	141,796	-
6400 Federal Funds Ltd	73	-	-	-	-	-
All Funds	33,508	136,605	136,605	141,796	141,796	-
5900 Other Capital Outlay						
8000 General Fund	72,492	-	-	-	-	-
4400 Lottery Funds Ltd	2,930	-	-	-	-	-
3400 Other Funds Ltd	19,718	-	-	-	-	-
6400 Federal Funds Ltd	1,517	-	-	-	-	-
All Funds	96,657	-	-	-	-	-
CAPITAL OUTLAY						
8000 General Fund	291,227	76,474	181,767	658,674	188,674	-
4400 Lottery Funds Ltd	36,376	-	-	-	-	-
3400 Other Funds Ltd	122,560	241,898	136,605	3,141,796	141,796	-
6400 Federal Funds Ltd	(1,799)	-	-	-	-	-
TOTAL CAPITAL OUTLAY	\$448,364	\$318,372	\$318,372	\$3,800,470	\$330,470	-
SPECIAL PAYMENTS						
6020 Dist to Counties						
3400 Other Funds Ltd	12,764	-	-	-	-	-
6400 Federal Funds Ltd	7,220	-	-	-	-	-
All Funds	19,984	-	-	-	-	-
6025 Dist to Other Gov Unit						
8000 General Fund	990	-	-	-	-	-

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<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
3400 Other Funds Ltd	734	-	-	-	-	-
6400 Federal Funds Ltd	194,225	858,399	858,399	891,018	891,018	-
All Funds	195,949	858,399	858,399	891,018	891,018	-
6030 Dist to Non-Gov Units						
8000 General Fund	1	-	-	-	-	-
6400 Federal Funds Ltd	633,178	1,114,763	1,114,763	1,157,124	1,157,124	-
All Funds	633,179	1,114,763	1,114,763	1,157,124	1,157,124	-
6048 Spc Pmt to Public Universities						
6400 Federal Funds Ltd	88,302	-	-	-	-	-
6080 Loans Made - Other						
8000 General Fund	-	1,300,000	1,300,000	1,900,000	-	-
6257 Spc Pmt to Police, Dept of State						
8000 General Fund	45,119	-	-	-	-	-
3400 Other Funds Ltd	73,507	-	-	-	-	-
6400 Federal Funds Ltd	4,918	116,648	116,648	116,648	116,648	-
All Funds	123,544	116,648	116,648	116,648	116,648	-
6443 Spc Pmt to Oregon Health Authority						
6400 Federal Funds Ltd	-	-	70,000	70,000	70,000	-
6691 Spc Pmt to Watershed Enhance Bd						
8000 General Fund	5,000	-	-	-	-	-
SPECIAL PAYMENTS						
8000 General Fund	51,110	1,300,000	1,300,000	1,900,000	-	-
3400 Other Funds Ltd	87,005	-	-	-	-	-

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Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
6400 Federal Funds Ltd	927,843	2,089,810	2,159,810	2,234,790	2,234,790	-
TOTAL SPECIAL PAYMENTS	\$1,065,958	\$3,389,810	\$3,459,810	\$4,134,790	\$2,234,790	-
EXPENDITURES						
8000 General Fund	23,933,594	25,538,818	26,037,955	38,431,138	27,814,971	-
4400 Lottery Funds Ltd	4,084,180	4,610,577	4,732,711	5,332,415	5,322,214	-
3400 Other Funds Ltd	21,179,764	24,538,164	24,820,553	32,664,525	28,402,305	-
6400 Federal Funds Ltd	9,237,841	11,321,612	11,785,101	11,655,343	11,652,365	-
TOTAL EXPENDITURES	\$58,435,379	\$66,009,171	\$67,376,320	\$88,083,421	\$73,191,855	-
REVERSIONS						
9900 Reversions						
8000 General Fund	(498)	-	-	-	-	-
ENDING BALANCE						
4010 Lottery Funds Cap Improve	-	-	14,657	-	-	-
4400 Lottery Funds Ltd	20,642	20,644	5,987	-	-	-
3400 Other Funds Ltd	8,728,849	5,652,386	4,960,843	5,493,067	3,143,376	-
6400 Federal Funds Ltd	-	242,031	97,566	-	2,978	-
TOTAL ENDING BALANCE	\$8,749,491	\$5,915,061	\$5,079,053	\$5,493,067	\$3,146,354	-
AUTHORIZED POSITIONS						
8150 Class/Unclass Positions	233	227	227	280	245	-
8180 Position Reconciliation	-	3	3	-	-	-
TOTAL AUTHORIZED POSITIONS	233	230	230	280	245	-
AUTHORIZED FTE						
8250 Class/Unclass FTE Positions	223.35	218.06	218.06	261.92	231.25	-

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8280 FTE Reconciliation	-	0.69	0.69	-	-	-
TOTAL AUTHORIZED FTE	223.35	218.75	218.75	261.92	231.25	-

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BEGINNING BALANCE						
0025 Beginning Balance						
3400 Other Funds Ltd	40,455,813	38,247,730	38,247,730	43,728,717	43,728,717	-
6400 Federal Funds Ltd	240,365	-	-	-	-	-
All Funds	40,696,178	38,247,730	38,247,730	43,728,717	43,728,717	-
0030 Beginning Balance Adjustment						
3400 Other Funds Ltd	-	850,000	850,000	-	-	-
BEGINNING BALANCE						
3400 Other Funds Ltd	40,455,813	39,097,730	39,097,730	43,728,717	43,728,717	-
6400 Federal Funds Ltd	240,365	-	-	-	-	-
TOTAL BEGINNING BALANCE	\$40,696,178	\$39,097,730	\$39,097,730	\$43,728,717	\$43,728,717	-
REVENUE CATEGORIES						
GENERAL FUND APPROPRIATION						
0050 General Fund Appropriation						
8000 General Fund	1,014,989	1,115,830	1,155,490	1,997,272	1,772,446	-
LICENSES AND FEES						
0205 Business Lic and Fees						
3400 Other Funds Ltd	33,583,990	35,043,234	35,043,234	46,672,957	44,492,957	-
0210 Non-business Lic. and Fees						
3400 Other Funds Ltd	860,325	743,000	743,000	779,700	779,700	-
LICENSES AND FEES						
3400 Other Funds Ltd	34,444,315	35,786,234	35,786,234	47,452,657	45,272,657	-
TOTAL LICENSES AND FEES	\$34,444,315	\$35,786,234	\$35,786,234	\$47,452,657	\$45,272,657	-

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
CHARGES FOR SERVICES						
0410 Charges for Services						
3400 Other Funds Ltd	16,576,508	19,949,368	19,949,368	21,410,155	21,410,155	-
0415 Admin and Service Charges						
3400 Other Funds Ltd	131	-	-	-	-	-
CHARGES FOR SERVICES						
3400 Other Funds Ltd	16,576,639	19,949,368	19,949,368	21,410,155	21,410,155	-
TOTAL CHARGES FOR SERVICES	\$16,576,639	\$19,949,368	\$19,949,368	\$21,410,155	\$21,410,155	-
FINES, RENTS AND ROYALTIES						
0505 Fines and Forfeitures						
3400 Other Funds Ltd	294,883	255,000	255,000	205,600	205,600	-
INTEREST EARNINGS						
0605 Interest Income						
3400 Other Funds Ltd	528,862	306,164	306,164	442,347	442,347	-
LOAN REPAYMENT						
0925 Loan Repayments						
3400 Other Funds Ltd	165,000	-	-	-	-	-
OTHER						
0975 Other Revenues						
3400 Other Funds Ltd	616,045	510,000	510,000	350,000	350,000	-
FEDERAL FUNDS REVENUE						
0995 Federal Funds						
6400 Federal Funds Ltd	7,058,490	8,359,021	8,359,021	8,739,094	8,739,094	-

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
TRANSFERS IN						
1010 Transfer In - Intrafund						
3400 Other Funds Ltd	2,910,790	4,722,500	4,722,500	5,182,500	5,182,500	-
1150 Tsfr From Revenue, Dept of						
3400 Other Funds Ltd	2,026,418	2,127,859	2,127,859	2,155,444	2,155,444	-
1257 Tsfr From Police, Dept of State						
3400 Other Funds Ltd	28,390	50,000	50,000	50,000	50,000	-
TRANSFERS IN						
3400 Other Funds Ltd	4,965,598	6,900,359	6,900,359	7,387,944	7,387,944	-
TOTAL TRANSFERS IN	\$4,965,598	\$6,900,359	\$6,900,359	\$7,387,944	\$7,387,944	-
REVENUE CATEGORIES						
8000 General Fund	1,014,989	1,115,830	1,155,490	1,997,272	1,772,446	-
3400 Other Funds Ltd	57,591,342	63,707,125	63,707,125	77,248,703	75,068,703	-
6400 Federal Funds Ltd	7,058,490	8,359,021	8,359,021	8,739,094	8,739,094	-
TOTAL REVENUE CATEGORIES	\$65,664,821	\$73,181,976	\$73,221,636	\$87,985,069	\$85,580,243	-
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3400 Other Funds Ltd	(1,291,057)	(1,253,089)	(1,253,089)	(1,240,571)	(1,240,571)	-
2020 Transfer Out - Indirect Cost						
3400 Other Funds Ltd	(5,516,598)	(6,944,845)	(7,096,944)	(8,831,435)	(8,664,234)	-
6400 Federal Funds Ltd	(966,756)	(991,023)	(1,005,446)	(1,188,210)	(1,188,210)	-
All Funds	(6,483,354)	(7,935,868)	(8,102,390)	(10,019,645)	(9,852,444)	-
2443 Tsfr To Oregon Health Authority						

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3400 Other Funds Ltd	(150,000)	-	-	-	-	-
TRANSFERS OUT						
3400 Other Funds Ltd	(6,957,655)	(8,197,934)	(8,350,033)	(10,072,006)	(9,904,805)	-
6400 Federal Funds Ltd	(966,756)	(991,023)	(1,005,446)	(1,188,210)	(1,188,210)	-
TOTAL TRANSFERS OUT	(\$7,924,411)	(\$9,188,957)	(\$9,355,479)	(\$11,260,216)	(\$11,093,015)	-
AVAILABLE REVENUES						
8000 General Fund	1,014,989	1,115,830	1,155,490	1,997,272	1,772,446	-
3400 Other Funds Ltd	91,089,500	94,606,921	94,454,822	110,905,414	108,892,615	-
6400 Federal Funds Ltd	6,332,099	7,367,998	7,353,575	7,550,884	7,550,884	-
TOTAL AVAILABLE REVENUES	\$98,436,588	\$103,090,749	\$102,963,887	\$120,453,570	\$118,215,945	-
EXPENDITURES						
PERSONAL SERVICES						
SALARIES & WAGES						
3110 Class/Unclass Sal. and Per Diem						
8000 General Fund	408,255	431,534	471,723	868,075	774,507	-
3400 Other Funds Ltd	18,916,172	23,833,309	24,663,059	26,474,900	26,378,011	-
6400 Federal Funds Ltd	3,312,472	3,417,502	3,500,178	3,545,798	3,545,798	-
All Funds	22,636,899	27,682,345	28,634,960	30,888,773	30,698,316	-
3160 Temporary Appointments						
3400 Other Funds Ltd	163,477	181,726	181,726	188,632	188,632	-
6400 Federal Funds Ltd	32,732	52,025	52,025	54,002	54,002	-
All Funds	196,209	233,751	233,751	242,634	242,634	-
3170 Overtime Payments						

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8000 General Fund	81	-	-	-	-	-
3400 Other Funds Ltd	25,881	4,858	4,858	5,042	5,042	-
6400 Federal Funds Ltd	1,479	22,879	22,879	23,749	23,749	-
All Funds	27,441	27,737	27,737	28,791	28,791	-
3180 Shift Differential						
8000 General Fund	49	-	-	-	-	-
3400 Other Funds Ltd	1,105	2,864	2,864	2,973	2,973	-
6400 Federal Funds Ltd	155	3,428	3,428	3,558	3,558	-
All Funds	1,309	6,292	6,292	6,531	6,531	-
3190 All Other Differential						
8000 General Fund	747	-	-	-	-	-
3400 Other Funds Ltd	148,947	146,039	146,039	151,590	151,590	-
6400 Federal Funds Ltd	19,995	-	-	-	-	-
All Funds	169,689	146,039	146,039	151,590	151,590	-
SALARIES & WAGES						
8000 General Fund	409,132	431,534	471,723	868,075	774,507	-
3400 Other Funds Ltd	19,255,582	24,168,796	24,998,546	26,823,137	26,726,248	-
6400 Federal Funds Ltd	3,366,833	3,495,834	3,578,510	3,627,107	3,627,107	-
TOTAL SALARIES & WAGES	\$23,031,547	\$28,096,164	\$29,048,779	\$31,318,319	\$31,127,862	-
OTHER PAYROLL EXPENSES						
3210 Empl. Rel. Bd. Assessments						
8000 General Fund	118	153	153	305	285	-
3400 Other Funds Ltd	5,979	9,372	9,372	10,394	10,280	-

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6400 Federal Funds Ltd	1,035	1,318	1,318	1,401	1,401	-
All Funds	7,132	10,843	10,843	12,100	11,966	-
3220 Public Employees' Retire Cont						
8000 General Fund	69,864	82,380	82,380	147,312	131,434	-
3400 Other Funds Ltd	3,239,006	4,579,120	4,579,120	4,519,863	4,503,420	-
6400 Federal Funds Ltd	585,092	657,415	657,415	606,351	606,351	-
All Funds	3,893,962	5,318,915	5,318,915	5,273,526	5,241,205	-
3221 Pension Obligation Bond						
8000 General Fund	24,062	25,045	24,516	29,907	29,907	-
3400 Other Funds Ltd	1,127,433	1,391,958	1,362,731	1,464,909	1,464,909	-
6400 Federal Funds Ltd	198,603	202,408	195,646	201,323	201,323	-
All Funds	1,350,098	1,619,411	1,582,893	1,696,139	1,696,139	-
3230 Social Security Taxes						
8000 General Fund	30,652	33,013	33,013	66,334	59,250	-
3400 Other Funds Ltd	1,448,883	1,848,667	1,848,667	2,051,881	2,044,469	-
6400 Federal Funds Ltd	253,819	267,432	267,432	277,469	277,469	-
All Funds	1,733,354	2,149,112	2,149,112	2,395,684	2,381,188	-
3250 Worker's Comp. Assess. (WCD)						
8000 General Fund	158	185	185	290	271	-
3400 Other Funds Ltd	7,374	11,329	11,329	9,897	9,788	-
6400 Federal Funds Ltd	1,293	1,594	1,594	1,334	1,334	-
All Funds	8,825	13,108	13,108	11,521	11,393	-
3260 Mass Transit Tax						

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8000 General Fund	2,084	2,589	2,589	5,209	4,647	-
3400 Other Funds Ltd	96,996	144,264	144,264	160,937	160,356	-
All Funds	99,080	146,853	146,853	166,146	165,003	-
3270 Flexible Benefits						
8000 General Fund	58,386	89,611	89,611	176,675	164,948	-
3400 Other Funds Ltd	4,065,146	5,478,373	5,478,373	6,000,389	5,934,419	-
6400 Federal Funds Ltd	699,740	769,548	769,548	809,392	809,392	-
All Funds	4,823,272	6,337,532	6,337,532	6,986,456	6,908,759	-
OTHER PAYROLL EXPENSES						
8000 General Fund	185,324	232,976	232,447	426,032	390,742	-
3400 Other Funds Ltd	9,990,817	13,463,083	13,433,856	14,218,270	14,127,641	-
6400 Federal Funds Ltd	1,739,582	1,899,715	1,892,953	1,897,270	1,897,270	-
TOTAL OTHER PAYROLL EXPENSES	\$11,915,723	\$15,595,774	\$15,559,256	\$16,541,572	\$16,415,653	-
P.S. BUDGET ADJUSTMENTS						
3455 Vacancy Savings						
8000 General Fund	-	(20,903)	(20,903)	(6,666)	(43,404)	-
3400 Other Funds Ltd	-	(1,185,113)	(1,185,113)	(341,544)	(341,544)	-
6400 Federal Funds Ltd	-	(179,582)	(179,582)	(48,705)	(48,705)	-
All Funds	-	(1,385,598)	(1,385,598)	(396,915)	(433,653)	-
3465 Reconciliation Adjustment						
3400 Other Funds Ltd	-	104,944	104,944	-	-	-
P.S. BUDGET ADJUSTMENTS						
8000 General Fund	-	(20,903)	(20,903)	(6,666)	(43,404)	-

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3400 Other Funds Ltd	-	(1,080,169)	(1,080,169)	(341,544)	(341,544)	-
6400 Federal Funds Ltd	-	(179,582)	(179,582)	(48,705)	(48,705)	-
TOTAL P.S. BUDGET ADJUSTMENTS	-	(\$1,280,654)	(\$1,280,654)	(\$396,915)	(\$433,653)	-
PERSONAL SERVICES						
8000 General Fund	594,456	643,607	683,267	1,287,441	1,121,845	-
3400 Other Funds Ltd	29,246,399	36,551,710	37,352,233	40,699,863	40,512,345	-
6400 Federal Funds Ltd	5,106,415	5,215,967	5,291,881	5,475,672	5,475,672	-
TOTAL PERSONAL SERVICES	\$34,947,270	\$42,411,284	\$43,327,381	\$47,462,976	\$47,109,862	-
SERVICES & SUPPLIES						
4100 Instate Travel						
8000 General Fund	4,852	4,341	4,341	17,923	17,439	-
3400 Other Funds Ltd	191,844	128,910	128,910	153,989	152,611	-
6400 Federal Funds Ltd	32,829	50,499	50,499	52,419	52,419	-
All Funds	229,525	183,750	183,750	224,331	222,469	-
4125 Out of State Travel						
8000 General Fund	3,334	462	462	882	825	-
3400 Other Funds Ltd	42,384	22,787	22,787	24,853	24,690	-
6400 Federal Funds Ltd	5,094	3,899	3,899	4,048	4,048	-
All Funds	50,812	27,148	27,148	29,783	29,563	-
4150 Employee Training						
8000 General Fund	5,368	4,690	4,690	8,582	8,056	-
3400 Other Funds Ltd	257,506	286,159	286,159	308,094	306,596	-
6400 Federal Funds Ltd	72,409	25,632	25,632	26,607	26,607	-

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All Funds	335,283	316,481	316,481	343,283	341,259	-
4175 Office Expenses						
8000 General Fund	656	5,390	5,390	11,040	10,269	-
3400 Other Funds Ltd	229,697	450,618	450,618	483,962	481,766	-
6400 Federal Funds Ltd	18,434	23,436	23,436	24,326	24,326	-
All Funds	248,787	479,444	479,444	519,328	516,361	-
4200 Telecommunications						
8000 General Fund	3,470	6,945	6,945	13,677	12,761	-
3400 Other Funds Ltd	282,563	285,230	285,230	315,332	312,723	-
6400 Federal Funds Ltd	37,216	44,522	44,522	46,213	46,213	-
All Funds	323,249	336,697	336,697	375,222	371,697	-
4225 State Gov. Service Charges						
8000 General Fund	6,060	-	-	-	-	-
3400 Other Funds Ltd	48,427	-	-	-	-	-
6400 Federal Funds Ltd	23	-	-	-	-	-
All Funds	54,510	-	-	-	-	-
4250 Data Processing						
8000 General Fund	3	1,850	1,850	3,768	3,506	-
3400 Other Funds Ltd	7,040	40,334	40,334	47,371	37,347	-
6400 Federal Funds Ltd	16	2,091	2,091	2,171	2,171	-
All Funds	7,059	44,275	44,275	53,310	43,024	-
4275 Publicity and Publications						
8000 General Fund	17	20	20	49	45	-

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3400 Other Funds Ltd	64,036	3,197	3,197	3,399	3,388	-
6400 Federal Funds Ltd	1,720	29	29	30	30	-
All Funds	65,773	3,246	3,246	3,478	3,463	-
4300 Professional Services						
8000 General Fund	12,804	50,000	50,000	-	-	-
3400 Other Funds Ltd	10,128,193	20,767,147	20,767,147	24,159,366	24,139,366	-
6400 Federal Funds Ltd	322,569	1,072,632	1,072,632	1,117,683	1,117,683	-
All Funds	10,463,566	21,889,779	21,889,779	25,277,049	25,257,049	-
4315 IT Professional Services						
8000 General Fund	-	1,591	1,591	3,721	3,429	-
3400 Other Funds Ltd	-	7,514	7,514	13,978	13,145	-
All Funds	-	9,105	9,105	17,699	16,574	-
4325 Attorney General						
8000 General Fund	7,350	-	-	-	-	-
3400 Other Funds Ltd	670,706	1,011,595	1,011,595	1,233,531	1,143,019	-
6400 Federal Funds Ltd	33,386	48,055	48,055	57,734	54,299	-
All Funds	711,442	1,059,650	1,059,650	1,291,265	1,197,318	-
4350 Dispute Resolution Services						
8000 General Fund	-	76	76	177	163	-
3400 Other Funds Ltd	53,711	354	354	659	619	-
6400 Federal Funds Ltd	4,702	-	-	-	-	-
All Funds	58,413	430	430	836	782	-
4375 Employee Recruitment and Develop						

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8000 General Fund	-	88	88	126	121	-
3400 Other Funds Ltd	54,449	3,677	3,677	3,920	3,905	-
6400 Federal Funds Ltd	2,294	283	283	293	293	-
All Funds	56,743	4,048	4,048	4,339	4,319	-
4400 Dues and Subscriptions						
8000 General Fund	15	200	200	387	362	-
3400 Other Funds Ltd	9,646	21,235	21,235	22,574	22,502	-
6400 Federal Funds Ltd	441	434	434	450	450	-
All Funds	10,102	21,869	21,869	23,411	23,314	-
4425 Facilities Rental and Taxes						
8000 General Fund	246,058	271,488	271,488	273,347	260,849	-
3400 Other Funds Ltd	2,322,612	2,404,371	2,404,371	2,495,735	2,466,545	-
6400 Federal Funds Ltd	362,558	359,802	359,802	373,475	373,475	-
All Funds	2,931,228	3,035,661	3,035,661	3,142,557	3,100,869	-
4450 Fuels and Utilities						
8000 General Fund	8	1,769	1,769	2,447	2,361	-
3400 Other Funds Ltd	78,894	35,776	35,776	38,953	38,707	-
6400 Federal Funds Ltd	275	7,850	7,850	8,148	8,148	-
All Funds	79,177	45,395	45,395	49,548	49,216	-
4475 Facilities Maintenance						
8000 General Fund	-	198	198	358	336	-
3400 Other Funds Ltd	21,460	4,037	4,037	4,642	4,580	-
6400 Federal Funds Ltd	2,134	538	538	559	559	-

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All Funds	23,594	4,773	4,773	5,559	5,475	-
4525 Medical Services and Supplies						
3400 Other Funds Ltd	568	-	-	-	-	-
6400 Federal Funds Ltd	47	-	-	-	-	-
All Funds	615	-	-	-	-	-
4575 Agency Program Related S and S						
8000 General Fund	-	662	662	911	879	-
3400 Other Funds Ltd	1,313,491	41,783	41,783	44,035	43,945	-
6400 Federal Funds Ltd	6,008	1,489	1,489	1,545	1,545	-
All Funds	1,319,499	43,934	43,934	46,491	46,369	-
4600 Intra-agency Charges						
8000 General Fund	116,520	97,319	97,319	221,330	187,302	-
4650 Other Services and Supplies						
8000 General Fund	6,233	20,158	20,158	142,023	133,370	-
3400 Other Funds Ltd	1,530,606	1,613,316	1,613,316	1,906,608	1,836,968	-
6400 Federal Funds Ltd	101,789	271,398	271,398	281,709	281,709	-
All Funds	1,638,628	1,904,872	1,904,872	2,330,340	2,252,047	-
4700 Expendable Prop 250 - 5000						
8000 General Fund	854	2,086	2,086	3,402	3,227	-
3400 Other Funds Ltd	105,261	69,981	69,981	76,322	75,822	-
6400 Federal Funds Ltd	8,397	11,505	11,505	11,942	11,942	-
All Funds	114,512	83,572	83,572	91,666	90,991	-
4715 IT Expendable Property						

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8000 General Fund	5,283	2,890	2,890	5,681	5,301	-
3400 Other Funds Ltd	298,781	155,728	155,728	169,635	168,552	-
6400 Federal Funds Ltd	19,011	8,322	8,322	8,639	8,639	-
All Funds	323,075	166,940	166,940	183,955	182,492	-
SERVICES & SUPPLIES						
8000 General Fund	418,885	472,223	472,223	709,831	650,601	-
3400 Other Funds Ltd	17,711,875	27,353,749	27,353,749	31,506,958	31,276,796	-
6400 Federal Funds Ltd	1,031,352	1,932,416	1,932,416	2,017,991	2,014,556	-
TOTAL SERVICES & SUPPLIES	\$19,162,112	\$29,758,388	\$29,758,388	\$34,234,780	\$33,941,953	-
CAPITAL OUTLAY						
5100 Office Furniture and Fixtures						
8000 General Fund	458	-	-	-	-	-
3400 Other Funds Ltd	38,777	-	-	-	-	-
6400 Federal Funds Ltd	(2,701)	-	-	-	-	-
All Funds	36,534	-	-	-	-	-
5150 Telecommunications Equipment						
8000 General Fund	939	-	-	-	-	-
3400 Other Funds Ltd	164,489	-	-	-	-	-
All Funds	165,428	-	-	-	-	-
5200 Technical Equipment						
3400 Other Funds Ltd	-	121,184	121,184	125,789	125,789	-
5550 Data Processing Software						
3400 Other Funds Ltd	55,884	12,346	12,346	12,815	12,815	-

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5600 Data Processing Hardware						
3400 Other Funds Ltd	-	47,068	47,068	48,857	48,857	-
5900 Other Capital Outlay						
8000 General Fund	252	-	-	-	-	-
3400 Other Funds Ltd	56,601	-	-	-	-	-
6400 Federal Funds Ltd	2,040	-	-	-	-	-
All Funds	58,893	-	-	-	-	-
CAPITAL OUTLAY						
8000 General Fund	1,649	-	-	-	-	-
3400 Other Funds Ltd	315,751	180,598	180,598	187,461	187,461	-
6400 Federal Funds Ltd	(661)	-	-	-	-	-
TOTAL CAPITAL OUTLAY	\$316,739	\$180,598	\$180,598	\$187,461	\$187,461	-
SPECIAL PAYMENTS						
6015 Dist to Cities						
3400 Other Funds Ltd	137,108	-	-	-	-	-
6025 Dist to Other Gov Unit						
3400 Other Funds Ltd	326,849	1,091,030	1,091,030	1,132,489	1,132,489	-
6030 Dist to Non-Gov Units						
3400 Other Funds Ltd	-	42,416	42,416	44,028	44,028	-
6048 Spc Pmt to Public Universities						
6400 Federal Funds Ltd	16,249	-	-	-	-	-
6065 Loan Repaid To State Agencies						
3400 Other Funds Ltd	165,000	-	-	-	-	-

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6257 Spc Pmt to Police, Dept of State						
3400 Other Funds Ltd	91,354	7,834	7,834	7,834	7,834	-
6400 Federal Funds Ltd	2,714	57,221	57,221	57,221	57,221	-
All Funds	94,068	65,055	65,055	65,055	65,055	-
SPECIAL PAYMENTS						
3400 Other Funds Ltd	720,311	1,141,280	1,141,280	1,184,351	1,184,351	-
6400 Federal Funds Ltd	18,963	57,221	57,221	57,221	57,221	-
TOTAL SPECIAL PAYMENTS	\$739,274	\$1,198,501	\$1,198,501	\$1,241,572	\$1,241,572	-
EXPENDITURES						
8000 General Fund	1,014,990	1,115,830	1,155,490	1,997,272	1,772,446	-
3400 Other Funds Ltd	47,994,336	65,227,337	66,027,860	73,578,633	73,160,953	-
6400 Federal Funds Ltd	6,156,069	7,205,604	7,281,518	7,550,884	7,547,449	-
TOTAL EXPENDITURES	\$55,165,395	\$73,548,771	\$74,464,868	\$83,126,789	\$82,480,848	-
REVERSIONS						
9900 Reversions						
8000 General Fund	1	-	-	-	-	-
ENDING BALANCE						
3400 Other Funds Ltd	43,095,164	29,379,584	28,426,962	37,326,781	35,731,662	-
6400 Federal Funds Ltd	176,030	162,394	72,057	-	3,435	-
TOTAL ENDING BALANCE	\$43,271,194	\$29,541,978	\$28,499,019	\$37,326,781	\$35,735,097	-
AUTHORIZED POSITIONS						
8150 Class/Unclass Positions	187	186	186	194	192	-
TOTAL AUTHORIZED POSITIONS	187	186	186	194	192	-

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AUTHORIZED FTE						
8250 Class/Unclass FTE Positions	187.83	188.60	188.60	197.12	195.85	-
8280 FTE Reconciliation	-	0.50	0.50	-	-	-
TOTAL AUTHORIZED FTE	187.83	189.10	189.10	197.12	195.85	-

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BEGINNING BALANCE						
0025 Beginning Balance						
3400 Other Funds Ltd	2,479,127	1,199,064	1,199,064	3,246,638	3,246,638	-
0030 Beginning Balance Adjustment						
3400 Other Funds Ltd	-	743,349	743,349	-	-	-
BEGINNING BALANCE						
3400 Other Funds Ltd	2,479,127	1,942,413	1,942,413	3,246,638	3,246,638	-
TOTAL BEGINNING BALANCE	\$2,479,127	\$1,942,413	\$1,942,413	\$3,246,638	\$3,246,638	-
REVENUE CATEGORIES						
GENERAL FUND APPROPRIATION						
0050 General Fund Appropriation						
8000 General Fund	-	750,000	1,854,979	945,079	315,079	-
LICENSES AND FEES						
0205 Business Lic and Fees						
3400 Other Funds Ltd	-	1,725	1,725	1,725	1,725	-
CHARGES FOR SERVICES						
0410 Charges for Services						
3400 Other Funds Ltd	12,736	-	-	-	-	-
0415 Admin and Service Charges						
3400 Other Funds Ltd	4,388,193	5,093,015	5,345,944	7,569,507	7,569,507	-
CHARGES FOR SERVICES						
3400 Other Funds Ltd	4,400,929	5,093,015	5,345,944	7,569,507	7,569,507	-
TOTAL CHARGES FOR SERVICES	\$4,400,929	\$5,093,015	\$5,345,944	\$7,569,507	\$7,569,507	-

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FINES, RENTS AND ROYALTIES						
0505 Fines and Forfeitures						
3400 Other Funds Ltd	6,939	-	-	-	-	-
8800 General Fund Revenue	2,005,853	1,000,000	1,000,000	1,000,000	1,000,000	-
All Funds	2,012,792	1,000,000	1,000,000	1,000,000	1,000,000	-
BOND SALES						
0555 General Fund Obligation Bonds						
3400 Other Funds Ltd	-	-	2,965,300	2,034,700	2,034,700	-
OTHER						
0975 Other Revenues						
3400 Other Funds Ltd	165,487	90,713	90,713	90,713	90,713	-
8800 General Fund Revenue	1,807	-	-	-	-	-
All Funds	167,294	90,713	90,713	90,713	90,713	-
TRANSFERS IN						
1010 Transfer In - Intrafund						
3400 Other Funds Ltd	988,565	612,847	612,847	5,713,711	5,713,711	-
1020 Transfer In - Indirect Cost						
3400 Other Funds Ltd	17,433,374	20,154,083	20,840,555	26,445,421	25,382,324	-
TRANSFERS IN						
3400 Other Funds Ltd	18,421,939	20,766,930	21,453,402	32,159,132	31,096,035	-
TOTAL TRANSFERS IN	\$18,421,939	\$20,766,930	\$21,453,402	\$32,159,132	\$31,096,035	-
REVENUE CATEGORIES						
8000 General Fund	-	750,000	1,854,979	945,079	315,079	-

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3400 Other Funds Ltd	22,995,294	25,952,383	29,857,084	41,855,777	40,792,680	-
8800 General Fund Revenue	2,007,660	1,000,000	1,000,000	1,000,000	1,000,000	-
TOTAL REVENUE CATEGORIES	\$25,002,954	\$27,702,383	\$32,712,063	\$43,800,856	\$42,107,759	-
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3400 Other Funds Ltd	(232)	(2,782)	(2,782)	(78,070)	(78,070)	-
2020 Transfer Out - Indirect Cost						
3400 Other Funds Ltd	(2,419)	(8,241)	(8,451)	(5,513)	(5,513)	-
2060 Transfer to General Fund						
8800 General Fund Revenue	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
TRANSFERS OUT						
3400 Other Funds Ltd	(2,651)	(11,023)	(11,233)	(83,583)	(83,583)	-
8800 General Fund Revenue	(2,007,660)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	-
TOTAL TRANSFERS OUT	(\$2,010,311)	(\$1,011,023)	(\$1,011,233)	(\$1,083,583)	(\$1,083,583)	-
AVAILABLE REVENUES						
8000 General Fund	-	750,000	1,854,979	945,079	315,079	-
3400 Other Funds Ltd	25,471,770	27,883,773	31,788,264	45,018,832	43,955,735	-
TOTAL AVAILABLE REVENUES	\$25,471,770	\$28,633,773	\$33,643,243	\$45,963,911	\$44,270,814	-
EXPENDITURES						
PERSONAL SERVICES						
SALARIES & WAGES						
3110 Class/Unclass Sal. and Per Diem						
8000 General Fund	-	358,216	901,040	153,300	153,300	-

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3400 Other Funds Ltd	9,223,035	11,395,516	11,852,679	14,767,204	13,703,092	-
All Funds	9,223,035	11,753,732	12,753,719	14,920,504	13,856,392	-
3160 Temporary Appointments						
3400 Other Funds Ltd	35,849	248,253	248,253	257,688	257,688	-
3170 Overtime Payments						
3400 Other Funds Ltd	37,105	13,746	13,746	14,269	14,269	-
3180 Shift Differential						
3400 Other Funds Ltd	301	-	-	-	-	-
3190 All Other Differential						
3400 Other Funds Ltd	88,497	-	-	-	-	-
SALARIES & WAGES						
8000 General Fund	-	358,216	901,040	153,300	153,300	-
3400 Other Funds Ltd	9,384,787	11,657,515	12,114,678	15,039,161	13,975,049	-
TOTAL SALARIES & WAGES	\$9,384,787	\$12,015,731	\$13,015,718	\$15,192,461	\$14,128,349	-
OTHER PAYROLL EXPENSES						
3210 Empl. Rel. Bd. Assessments						
8000 General Fund	-	314	508	60	60	-
3400 Other Funds Ltd	2,930	4,648	4,648	5,875	5,387	-
All Funds	2,930	4,962	5,156	5,935	5,447	-
3220 Public Employees' Retire Cont						
8000 General Fund	-	68,383	171,738	26,015	26,015	-
3400 Other Funds Ltd	1,475,548	2,176,833	2,176,833	2,507,344	2,326,764	-
All Funds	1,475,548	2,245,216	2,348,571	2,533,359	2,352,779	-

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3221 Pension Obligation Bond						
8000 General Fund	-	-	20,351	-	-	-
3400 Other Funds Ltd	553,161	669,107	648,172	706,797	706,797	-
All Funds	553,161	669,107	668,523	706,797	706,797	-
3230 Social Security Taxes						
8000 General Fund	-	27,404	68,823	11,727	11,727	-
3400 Other Funds Ltd	699,551	887,809	887,809	1,146,445	1,065,041	-
All Funds	699,551	915,213	956,632	1,158,172	1,076,768	-
3240 Unemployment Assessments						
3400 Other Funds Ltd	76,607	90,112	90,112	93,536	93,536	-
3250 Worker's Comp. Assess. (WCD)						
8000 General Fund	-	379	611	58	58	-
3400 Other Funds Ltd	4,134	5,696	5,696	5,644	5,180	-
All Funds	4,134	6,075	6,307	5,702	5,238	-
3260 Mass Transit Tax						
8000 General Fund	-	2,149	5,397	920	920	-
3400 Other Funds Ltd	56,137	68,344	68,344	90,235	83,850	-
All Funds	56,137	70,493	73,741	91,155	84,770	-
3270 Flexible Benefits						
8000 General Fund	-	16,666	129,175	35,184	35,184	-
3400 Other Funds Ltd	2,074,072	2,751,889	2,751,889	3,388,219	3,106,747	-
All Funds	2,074,072	2,768,555	2,881,064	3,423,403	3,141,931	-
OTHER PAYROLL EXPENSES						

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8000 General Fund	-	115,295	396,603	73,964	73,964	-
3400 Other Funds Ltd	4,942,140	6,654,438	6,633,503	7,944,095	7,393,302	-
TOTAL OTHER PAYROLL EXPENSES	\$4,942,140	\$6,769,733	\$7,030,106	\$8,018,059	\$7,467,266	-
P.S. BUDGET ADJUSTMENTS						
3455 Vacancy Savings						
3400 Other Funds Ltd	-	(585,573)	(585,573)	(167,528)	(167,528)	-
3465 Reconciliation Adjustment						
8000 General Fund	-	78,848	78,848	-	-	-
3400 Other Funds Ltd	-	(21,081)	(21,081)	-	-	-
All Funds	-	57,767	57,767	-	-	-
P.S. BUDGET ADJUSTMENTS						
8000 General Fund	-	78,848	78,848	-	-	-
3400 Other Funds Ltd	-	(606,654)	(606,654)	(167,528)	(167,528)	-
TOTAL P.S. BUDGET ADJUSTMENTS	-	(\$527,806)	(\$527,806)	(\$167,528)	(\$167,528)	-
PERSONAL SERVICES						
8000 General Fund	-	552,359	1,376,491	227,264	227,264	-
3400 Other Funds Ltd	14,326,927	17,705,299	18,141,527	22,815,728	21,200,823	-
TOTAL PERSONAL SERVICES	\$14,326,927	\$18,257,658	\$19,518,018	\$23,042,992	\$21,428,087	-
SERVICES & SUPPLIES						
4100 Instate Travel						
8000 General Fund	-	3,167	7,665	1,466	1,466	-
3400 Other Funds Ltd	74,647	91,880	91,880	109,922	105,377	-
All Funds	74,647	95,047	99,545	111,388	106,843	-

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4125 Out of State Travel						
8000 General Fund	-	374	903	174	174	-
3400 Other Funds Ltd	45,303	26,321	26,321	29,269	28,502	-
All Funds	45,303	26,695	27,224	29,443	28,676	-
4150 Employee Training						
8000 General Fund	-	3,439	8,331	1,594	1,594	-
3400 Other Funds Ltd	116,647	138,394	163,394	196,301	154,526	-
All Funds	116,647	141,833	171,725	197,895	156,120	-
4175 Office Expenses						
8000 General Fund	-	5,047	12,218	2,336	2,336	-
3400 Other Funds Ltd	133,819	180,672	180,672	238,372	203,477	-
All Funds	133,819	185,719	192,890	240,708	205,813	-
4200 Telecommunications						
8000 General Fund	-	5,992	14,508	2,776	2,776	-
3400 Other Funds Ltd	168,374	215,781	215,781	253,354	242,913	-
All Funds	168,374	221,773	230,289	256,130	245,689	-
4225 State Gov. Service Charges						
3400 Other Funds Ltd	3,631,581	4,222,088	4,222,088	6,108,829	5,706,293	-
4250 Data Processing						
8000 General Fund	-	1,710	4,145	630,794	794	-
3400 Other Funds Ltd	304,902	157,398	1,334,198	193,437	151,974	-
All Funds	304,902	159,108	1,338,343	824,231	152,768	-
4275 Publicity and Publications						

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
8000 General Fund	-	25	63	12	12	-
3400 Other Funds Ltd	9,452	60	60	181	145	-
All Funds	9,452	85	123	193	157	-
4300 Professional Services						
3400 Other Funds Ltd	4,620	231,435	706,435	241,155	241,155	-
4315 IT Professional Services						
8000 General Fund	-	1,912	4,628	886	886	-
3400 Other Funds Ltd	990	184,233	184,233	3,385,467	3,382,809	-
All Funds	990	186,145	188,861	3,386,353	3,383,695	-
4325 Attorney General						
3400 Other Funds Ltd	164,578	120,709	120,709	145,019	136,390	-
4350 Dispute Resolution Services						
8000 General Fund	-	89	219	42	42	-
3400 Other Funds Ltd	-	16,113	16,113	17,137	17,011	-
All Funds	-	16,202	16,332	17,179	17,053	-
4375 Employee Recruitment and Develop						
8000 General Fund	-	32	81	16	16	-
3400 Other Funds Ltd	5,677	1,253	1,253	2,356	1,403	-
All Funds	5,677	1,285	1,334	2,372	1,419	-
4400 Dues and Subscriptions						
8000 General Fund	-	165	403	76	76	-
3400 Other Funds Ltd	6,920	7,472	7,472	9,095	8,280	-
All Funds	6,920	7,637	7,875	9,171	8,356	-

**Budget Support - Detail Revenues and Expenditures
2019-21 Biennium
Agency Management**

Cross Reference Number: 34000-004-00-00-00000

<i>Description</i>	<i>2015-17 Actuals</i>	<i>2017-19 Leg Adopted Budget</i>	<i>2017-19 Leg Approved Budget</i>	<i>2019-21 Agency Request Budget</i>	<i>2019-21 Governor's Budget</i>	<i>2019-21 Leg. Adopted Audit</i>
4425 Facilities Rental and Taxes						
8000 General Fund	-	34,248	82,929	-	-	-
3400 Other Funds Ltd	1,345,253	1,084,401	1,084,401	1,106,893	1,093,951	-
All Funds	1,345,253	1,118,649	1,167,330	1,106,893	1,093,951	-
4450 Fuels and Utilities						
8000 General Fund	-	564	1,369	262	262	-
3400 Other Funds Ltd	1,326	10,957	10,957	13,947	13,161	-
All Funds	1,326	11,521	12,326	14,209	13,423	-
4475 Facilities Maintenance						
8000 General Fund	-	140	340	66	66	-
3400 Other Funds Ltd	41,370	25,506	25,506	28,010	26,918	-
All Funds	41,370	25,646	25,846	28,076	26,984	-
4575 Agency Program Related S and S						
8000 General Fund	-	209	506	96	96	-
3400 Other Funds Ltd	24,734	242,491	242,491	252,647	252,359	-
All Funds	24,734	242,700	242,997	252,743	252,455	-
4600 Intra-agency Charges						
8000 General Fund	-	104,945	267,667	49,315	49,315	-
4650 Other Services and Supplies						
8000 General Fund	-	31,953	63,720	26,220	26,220	-
3400 Other Funds Ltd	337,269	915,677	985,677	1,287,113	1,116,474	-
All Funds	337,269	947,630	1,049,397	1,313,333	1,142,694	-
4700 Expendable Prop 250 - 5000						

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 Agency Management

Cross Reference Number: 34000-004-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
8000 General Fund	-	1,147	2,778	532	532	-
3400 Other Funds Ltd	55,516	69,717	69,717	88,524	75,989	-
All Funds	55,516	70,864	72,495	89,056	76,521	-
4715 IT Expendable Property						
8000 General Fund	-	2,483	6,015	1,152	1,152	-
3400 Other Funds Ltd	354,767	298,431	298,431	356,392	317,623	-
All Funds	354,767	300,914	304,446	357,544	318,775	-
SERVICES & SUPPLIES						
8000 General Fund	-	197,641	478,488	717,815	87,815	-
3400 Other Funds Ltd	6,827,745	8,240,989	9,987,789	14,063,420	13,276,730	-
TOTAL SERVICES & SUPPLIES	\$6,827,745	\$8,438,630	\$10,466,277	\$14,781,235	\$13,364,545	-
CAPITAL OUTLAY						
5100 Office Furniture and Fixtures						
3400 Other Funds Ltd	467,174	-	-	-	-	-
5150 Telecommunications Equipment						
3400 Other Funds Ltd	289,512	-	-	-	-	-
5550 Data Processing Software						
3400 Other Funds Ltd	36,894	526,945	1,745,445	681,969	681,969	-
5600 Data Processing Hardware						
3400 Other Funds Ltd	199,621	77,075	77,075	80,004	80,004	-
5900 Other Capital Outlay						
3400 Other Funds Ltd	89,576	-	-	-	-	-
CAPITAL OUTLAY						

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 Agency Management

Cross Reference Number: 34000-004-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3400 Other Funds Ltd	1,082,777	604,020	1,822,520	761,973	761,973	-
TOTAL CAPITAL OUTLAY	\$1,082,777	\$604,020	\$1,822,520	\$761,973	\$761,973	-
SPECIAL PAYMENTS						
6048 Spc Pmt to Public Universities						
3400 Other Funds Ltd	20,000	-	-	-	-	-
EXPENDITURES						
8000 General Fund	-	750,000	1,854,979	945,079	315,079	-
3400 Other Funds Ltd	22,257,449	26,550,308	29,951,836	37,641,121	35,239,526	-
TOTAL EXPENDITURES	\$22,257,449	\$27,300,308	\$31,806,815	\$38,586,200	\$35,554,605	-
ENDING BALANCE						
3400 Other Funds Ltd	3,214,321	1,333,465	1,836,428	7,377,711	8,716,209	-
TOTAL ENDING BALANCE	\$3,214,321	\$1,333,465	\$1,836,428	\$7,377,711	\$8,716,209	-
AUTHORIZED POSITIONS						
8150 Class/Unclass Positions	88	88	94	98	90	-
TOTAL AUTHORIZED POSITIONS	88	88	94	98	90	-
AUTHORIZED FTE						
8250 Class/Unclass FTE Positions	86.67	84.45	87.83	97.28	89.28	-
8280 FTE Reconciliation	-	(0.02)	(0.02)	-	-	-
TOTAL AUTHORIZED FTE	86.67	84.43	87.81	97.28	89.28	-

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 Non-Limited

Cross Reference Number: 34000-008-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
BEGINNING BALANCE						
0025 Beginning Balance						
3200 Other Funds Non-Ltd	219,394,908	201,000,000	201,000,000	256,500,000	256,500,000	-
REVENUE CATEGORIES						
FEDERAL FUNDS AS OTHER FUNDS						
0355 Federal Revenues						
3200 Other Funds Non-Ltd	42,282,182	30,000,000	30,000,000	63,000,000	63,000,000	-
CHARGES FOR SERVICES						
0410 Charges for Services						
3200 Other Funds Non-Ltd	43,195	-	-	40,000	40,000	-
BOND SALES						
0555 General Fund Obligation Bonds						
3200 Other Funds Non-Ltd	10,000,000	20,300,000	20,300,000	25,065,000	25,065,000	-
0575 Refunding Bonds						
3200 Other Funds Non-Ltd	3,222,000	-	-	-	-	-
BOND SALES						
3200 Other Funds Non-Ltd	13,222,000	20,300,000	20,300,000	25,065,000	25,065,000	-
TOTAL BOND SALES	\$13,222,000	\$20,300,000	\$20,300,000	\$25,065,000	\$25,065,000	-
INTEREST EARNINGS						
0605 Interest Income						
3200 Other Funds Non-Ltd	21,496,525	22,000,000	22,000,000	20,000,000	20,000,000	-
LOAN REPAYMENT						
0925 Loan Repayments						

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 Non-Limited

Cross Reference Number: 34000-008-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3200 Other Funds Non-Ltd	66,791,205	52,000,000	52,000,000	95,000,000	95,000,000	-
OTHER						
0975 Other Revenues						
3200 Other Funds Non-Ltd	20,000	-	-	-	-	-
TRANSFERS IN						
1010 Transfer In - Intrafund						
3200 Other Funds Non-Ltd	19,426,497	-	-	-	-	-
REVENUE CATEGORIES						
3200 Other Funds Non-Ltd	163,281,604	124,300,000	124,300,000	203,105,000	203,105,000	-
TOTAL REVENUE CATEGORIES	\$163,281,604	\$124,300,000	\$124,300,000	\$203,105,000	\$203,105,000	-
TRANSFERS OUT						
2010 Transfer Out - Intrafund						
3200 Other Funds Non-Ltd	(39,853,213)	(19,482,246)	(19,482,246)	(28,392,687)	(25,042,687)	-
AVAILABLE REVENUES						
3200 Other Funds Non-Ltd	342,823,299	305,817,754	305,817,754	431,212,313	434,562,313	-
TOTAL AVAILABLE REVENUES	\$342,823,299	\$305,817,754	\$305,817,754	\$431,212,313	\$434,562,313	-
EXPENDITURES						
SERVICES & SUPPLIES						
4225 State Gov. Service Charges						
3200 Other Funds Non-Ltd	5,000	-	-	-	-	-
4300 Professional Services						
3200 Other Funds Non-Ltd	17,029	-	-	-	-	-
4325 Attorney General						

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 Non-Limited

Cross Reference Number: 34000-008-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
3200 Other Funds Non-Ltd	560	-	-	-	-	-
4650 Other Services and Supplies						
3200 Other Funds Non-Ltd	25,659	450,000	450,000	415,000	415,000	-
SERVICES & SUPPLIES						
3200 Other Funds Non-Ltd	48,248	450,000	450,000	415,000	415,000	-
TOTAL SERVICES & SUPPLIES	\$48,248	\$450,000	\$450,000	\$415,000	\$415,000	-
SPECIAL PAYMENTS						
6030 Dist to Non-Gov Units						
3200 Other Funds Non-Ltd	4,612,894	-	-	-	-	-
6080 Loans Made - Other						
3200 Other Funds Non-Ltd	84,071,882	115,448,800	115,448,800	162,000,000	162,000,000	-
SPECIAL PAYMENTS						
3200 Other Funds Non-Ltd	88,684,776	115,448,800	115,448,800	162,000,000	162,000,000	-
TOTAL SPECIAL PAYMENTS	\$88,684,776	\$115,448,800	\$115,448,800	\$162,000,000	\$162,000,000	-
EXPENDITURES						
3200 Other Funds Non-Ltd	88,733,024	115,898,800	115,898,800	162,415,000	162,415,000	-
TOTAL EXPENDITURES	\$88,733,024	\$115,898,800	\$115,898,800	\$162,415,000	\$162,415,000	-
ENDING BALANCE						
3200 Other Funds Non-Ltd	254,090,275	189,918,954	189,918,954	268,797,313	272,147,313	-
TOTAL ENDING BALANCE	\$254,090,275	\$189,918,954	\$189,918,954	\$268,797,313	\$272,147,313	-

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 PCBF Debt Service

Cross Reference Number: 34000-009-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
BEGINNING BALANCE						
0025 Beginning Balance						
3230 Other Funds Debt Svc Non-Ltd	1,838,315	1,857,928	1,857,928	1,934,477	1,934,477	-
REVENUE CATEGORIES						
GENERAL FUND APPROPRIATION						
0050 General Fund Appropriation						
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
INTEREST EARNINGS						
0605 Interest Income						
3230 Other Funds Debt Svc Non-Ltd	35,333	19,440	19,440	64,200	64,200	-
TRANSFERS IN						
1010 Transfer In - Intrafund						
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,889	15,787,889	15,848,330	15,848,330	-
REVENUE CATEGORIES						
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
3230 Other Funds Debt Svc Non-Ltd	18,646,040	15,807,329	15,807,329	15,912,530	15,912,530	-
TOTAL REVENUE CATEGORIES	\$22,461,106	\$19,632,309	\$20,466,176	\$22,437,412	\$22,437,412	-
AVAILABLE REVENUES						
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
3230 Other Funds Debt Svc Non-Ltd	20,484,355	17,665,257	17,665,257	17,847,007	17,847,007	-
TOTAL AVAILABLE REVENUES	\$24,299,421	\$21,490,237	\$22,324,104	\$24,371,889	\$24,371,889	-

EXPENDITURES
DEBT SERVICE

Budget Support - Detail Revenues and Expenditures
 2019-21 Biennium
 PCBF Debt Service

Cross Reference Number: 34000-009-00-00-00000

Description	2015-17 Actuals	2017-19 Leg Adopted Budget	2017-19 Leg Approved Budget	2019-21 Agency Request Budget	2019-21 Governor's Budget	2019-21 Leg. Adopted Audit
7050 Pmt To Ret Bond Escrow						
3230 Other Funds Debt Svc Non-Ltd	3,165,000	-	-	-	-	-
7100 Principal - Bonds						
8030 General Fund Debt Svc	3,269,484	2,890,645	3,545,645	4,806,520	4,806,520	-
3230 Other Funds Debt Svc Non-Ltd	12,955,516	13,774,355	13,774,355	14,190,490	14,190,490	-
All Funds	16,225,000	16,665,000	17,320,000	18,997,010	18,997,010	-
7150 Interest - Bonds						
8030 General Fund Debt Svc	545,582	934,335	1,113,202	1,718,362	1,718,362	-
3230 Other Funds Debt Svc Non-Ltd	2,490,191	2,013,532	2,013,532	1,657,840	1,657,840	-
All Funds	3,035,773	2,947,867	3,126,734	3,376,202	3,376,202	-
DEBT SERVICE						
8030 General Fund Debt Svc	3,815,066	3,824,980	4,658,847	6,524,882	6,524,882	-
3230 Other Funds Debt Svc Non-Ltd	18,610,707	15,787,887	15,787,887	15,848,330	15,848,330	-
TOTAL DEBT SERVICE	\$22,425,773	\$19,612,867	\$20,446,734	\$22,373,212	\$22,373,212	-
ENDING BALANCE						
3230 Other Funds Debt Svc Non-Ltd	1,873,648	1,877,370	1,877,370	1,998,677	1,998,677	-
TOTAL ENDING BALANCE	\$1,873,648	\$1,877,370	\$1,877,370	\$1,998,677	\$1,998,677	-

[REDACTED]

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C0104	AP OFFICE SPECIALIST 2	6	5.71	137.00	3,727.14	142,061	300,403	65,059		507,523
000	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	4	4.00	96.00	3,928.75		377,160			377,160
000	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	3	3.00	72.00	4,283.66	81,672	226,752			308,424
000	AD	C0119	AP EXECUTIVE SUPPORT SPECIALIST 2	2	2.00	48.00	4,509.00	80,531	135,901			216,432
000	AD	C0211	AP ACCOUNTING TECHNICIAN 2	2	2.00	48.00	3,516.66		167,591	10,513		178,104
000	AD	C0323	VP PUBLIC SERVICE REP 3	65	65.00	1560.00	3,763.67		5,871,336			5,871,336
000	AD	C0324	AP PUBLIC SERVICE REP 4	1	1.00	24.00	3,737.00		89,688			89,688
000	AD	C0437	AP PROCUREMENT & CONTRACT SPEC 2	1	1.00	24.00	4,724.00	78,411	31,836	3,129		113,376
000	AD	C0861	AP PROGRAM ANALYST 2	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C0862	AP PROGRAM ANALYST 3	2	2.00	48.00	6,215.00	298,320				298,320
000	AD	C0863	AP PROGRAM ANALYST 4	1	1.00	24.00	7,976.00			191,424		191,424
000	AD	C0865	AP PUBLIC AFFAIRS SPECIALIST 2	2	2.00	48.00	6,743.00	165,624	158,040			323,664
000	AD	C0870	AP OPERATIONS & POLICY ANALYST 1	1	1.00	24.00	5,437.00	130,488				130,488
000	AD	C0871	AP OPERATIONS & POLICY ANALYST 2	7	7.00	168.00	5,278.37		697,368	158,040		855,408
000	AD	C0872	AP OPERATIONS & POLICY ANALYST 3	3	2.50	60.00	5,977.50	130,488	168,176	53,500		352,164
000	AD	C1244	AP FISCAL ANALYST 2	1	1.00	24.00	6,585.00	118,530	39,510			158,040
000	AD	C1339	AP TRAINING & DEVELOPMENT SPEC 2	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C1346	AP SAFETY SPECIALIST 2	1	1.00	24.00	5,706.00		136,944			136,944
000	AD	C1484	IP INFO SYSTEMS SPECIALIST 4	2	2.00	48.00	5,430.00		260,640			260,640
000	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	4	4.30	103.20	6,457.20	72,014	496,728	95,444		664,186
000	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	4	4.00	96.00	6,710.40	177,024	386,016	80,736		643,776
000	AD	C2511	AP ELECTRONIC PUB DESIGN SPEC 2	1	.67	16.00	4,724.00		75,584			75,584
000	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	4	4.00	96.00	7,114.50		682,992			682,992
000	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	8	8.00	192.00	8,103.50	150,600	1,405,272			1,555,872
000	AD	C3715	AP CHEMIST 1	2	1.00	24.00	4,097.00	98,328				98,328

01/18/19 REPORT NO.: PPDPLBUDCL
 REPORT: SUMMARY LIST BY PKG BY SUMMARY XREF
 AGENCY:34000 DEPT OF ENVIRONMENTAL QUALITY
 SUMMARY XREF:001-00-00 000 Air Quality

DEPT. OF ADMIN. SVCS. -- PPDB PICS SYSTEM

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C3716	AP CHEMIST 2	5	4.50	108.00	5,236.40	340,944	71,856	143,712		556,512
000	AD	C3717	AP CHEMIST 3	4	4.00	96.00	6,322.50	433,152		173,808		606,960
000	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	5	5.00	120.00	4,816.80		578,016			578,016
000	AD	C5750	AP ENVIRONMENTAL LAW SPECIALIST	3	2.54	61.00	6,868.33		411,096			411,096
000	AD	C6811	AP LABORATORY TECHNICIAN 2	1	1.00	24.00	3,129.00			75,096		75,096
000	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	5	5.00	120.00	3,704.60	89,688	269,352	85,512		444,552
000	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	13	12.50	300.00	4,841.46	890,976	551,088			1,442,064
000	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	24	22.63	543.00	6,031.96	542,616	2,048,748	700,608		3,291,972
000	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	25	24.50	588.00	6,702.22	317,080	3,115,355	506,589		3,939,024
000	AD	C8505	AP NATURAL RESOURCE SPECIALIST 5	4	4.00	96.00	7,997.20	130,168	200,880	427,736		758,784
000	MESNZ7006	AP	PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	7,561.00		181,464			181,464
000	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER G	2	2.00	48.00	11,696.00	208,891	71,813	280,704		561,408
000	MMN X0871	AP	OPERATIONS & POLICY ANALYST 2	1	1.00	24.00	5,127.00		123,048			123,048
000	MMN X0872	AP	OPERATIONS & POLICY ANALYST 3	1	1.00	24.00	7,942.00		190,608			190,608
000	MMN X0873	AP	OPERATIONS & POLICY ANALYST 4	3	2.60	62.40	8,638.00	125,856	330,718	79,010		535,584
000	MMN X1321	AP	HUMAN RESOURCE ANALYST 2	1	1.00	24.00	6,542.00		157,008			157,008
000	MMS X7004	AP	PRINCIPAL EXECUTIVE/MANAGER C	6	6.00	144.00	6,779.66		976,272			976,272
000	MMS X7008	AP	PRINCIPAL EXECUTIVE/MANAGER E	11	11.20	268.74	8,376.21	931,755	822,883	493,275		2,247,913
000	MMS X7010	AP	PRINCIPAL EXECUTIVE/MANAGER F	1	1.00	24.00	10,121.00		242,904			242,904
000				245	239.65	5751.34	5,607.49	5,735,217	22,367,126	3,623,895		31,726,238

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
060	MMN	X0872	AP OPERATIONS & POLICY ANALYST 3	1	1.00	24.00	7,561.00		181,464			181,464
060				1	1.00	24.00	7,561.00		181,464			181,464

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
070	AD	C0104	AP OFFICE SPECIALIST 2	1-	1.00-	24.00-	3,650.00		87,600-			87,600-
070	AD	C0323	VP PUBLIC SERVICE REP 3	5-	5.00-	120.00-	3,137.80		376,536-			376,536-
070	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	1-	1.00-	24.00-	4,292.00		103,008-			103,008-
070	MMN	X0871	AP OPERATIONS & POLICY ANALYST 2	1-	1.00-	24.00-	5,127.00		123,048-			123,048-
070				8-	8.00-	192.00-	3,594.75		690,192-			690,192-

01/18/19 REPORT NO.: PPDPLBUDCL
REPORT: SUMMARY LIST BY PKG BY SUMMARY XREF
AGENCY:34000 DEPT OF ENVIRONMENTAL QUALITY
SUMMARY XREF:001-00-00 090 Air Quality

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
090	AD	C0870	AP OPERATIONS & POLICY ANALYST	1	1-1.00-	24.00-	5,437.00	130,488-				130,488-
090	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	1-1.00-	24.00-	4,097.00	98,328-				98,328-
090					2-2.00-	48.00-	4,767.00	228,816-				228,816-

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
111	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	5,188.00		124,512			124,512
111				1	1.00	24.00	5,188.00		124,512			124,512

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 REPORT: SUMMARY LIST BY PKG BY SUMMARY XREF
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 PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
116	AD	C0104	AP OFFICE SPECIALIST 2	1	.16	3.84	2,831.00		10,871			10,871
116	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	1	.50	12.00	5,437.00		65,244			65,244
116	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	2	1.00	24.00	3,563.00		85,512			85,512
116	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.50	12.00	4,097.00		49,164			49,164
116	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	3	1.50	36.00	4,724.00		170,064			170,064
116	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	2	.66	15.84	5,437.00		86,122			86,122
116				10	4.32	103.68	4,453.70		466,977			466,977

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 PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
118	AD	C0104	AP OFFICE SPECIALIST 2	1	1.00	24.00	3,650.00		87,600			87,600
118	AD	C0323	VP PUBLIC SERVICE REP 3	5	5.00	120.00	3,137.80		376,536			376,536
118	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	1	1.00	24.00	4,292.00		103,008			103,008
118	MMN	X0871	AP OPERATIONS & POLICY ANALYST 2	1	1.00	24.00	5,127.00		123,048			123,048
118				8	8.00	192.00	3,594.75		690,192			690,192

01/18/19 REPORT NO.: PPDPLBUDCL
 REPORT: SUMMARY LIST BY PKG BY SUMMARY XREF
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 PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
119	AD	C0861	AP PROGRAM ANALYST 2	2	2.00	48.00	4,724.00		226,752			226,752
119	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	5,188.00		124,512			124,512
119	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	1.00	24.00	5,344.00		128,256			128,256
119	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	1	1.00	24.00	6,275.00		150,600			150,600
119	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	6	6.00	144.00	5,437.00		782,928			782,928
119				11	11.00	264.00	5,352.45		1,413,048			1,413,048

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PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
170	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER G		.00	.00	11,696.00					
170					.00	.00	11,696.00					

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 REPORT: SUMMARY LIST BY PKG BY SUMMARY XREF
 AGENCY:34000 DEPT OF ENVIRONMENTAL QUALITY
 SUMMARY XREF:001-00-00 501 Air Quality

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
501	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1-	1.00-	24.00-	5,344.00		128,256-			128,256-
501	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1-	1.00-	24.00-	4,948.00		118,752-			118,752-
501	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	1-	1.00-	24.00-	5,188.00		124,512-			124,512-
501	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1-	1.00-	24.00-	5,705.00		136,920-			136,920-
501				4-	4.00-	96.00-	5,296.25		508,440-			508,440-
				262	250.97	6023.02	5,472.49	5,506,401	24,044,687	3,623,895		33,174,983

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C0103	AP OFFICE SPECIALIST 1	1	.50	12.00	2,831.00	21,538		12,434		33,972
000	AD	C0104	AP OFFICE SPECIALIST 2	11	11.44	274.44	3,381.94	315,224	416,184	149,749	56,303	937,460
000	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	8	7.84	188.19	3,730.63	39,144	572,788	94,080		706,012
000	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	2	2.00	48.00	4,319.50		207,336			207,336
000	AD	C0119	AP EXECUTIVE SUPPORT SPECIALIST 2	1	.67	16.00	4,509.00		72,144			72,144
000	AD	C0855	AP PROJECT MANAGER 2	2	2.00	48.00	7,584.00	364,032				364,032
000	AD	C0860	AP PROGRAM ANALYST 1	2	2.00	48.00	4,432.50		146,954		65,806	212,760
000	AD	C0861	AP PROGRAM ANALYST 2	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C0862	AP PROGRAM ANALYST 3	2	2.00	48.00	5,588.00		181,066		87,158	268,224
000	AD	C0865	AP PUBLIC AFFAIRS SPECIALIST 2	2	1.70	40.80	6,516.75		151,784	120,482		272,266
000	AD	C0871	AP OPERATIONS & POLICY ANALYST 2	2	2.00	48.00	6,286.50	158,040		143,712		301,752
000	AD	C0872	AP OPERATIONS & POLICY ANALYST 3		.50	12.00	7,599.00			91,188		91,188
000	AD	C1003	AP LOAN SPECIALIST 3	1	1.00	24.00	7,584.00		182,016			182,016
000	AD	C1244	AP FISCAL ANALYST 2	1	1.00	24.00	6,585.00	158,040				158,040
000	AD	C1484	IP INFO SYSTEMS SPECIALIST 4	1	1.00	24.00	6,175.00		73,300	74,900		148,200
000	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	8	7.70	184.80	6,058.10	397,209	396,540	190,384	106,153	1,090,286
000	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	3	2.50	60.00	7,059.33	177,024	77,112	177,024		431,160
000	AD	C2511	AP ELECTRONIC PUB DESIGN SPEC 2		.10	2.40	4,724.00		11,338			11,338
000	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	7	7.00	168.00	7,324.00	390,207	812,211	39,510		1,241,928
000	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	6	6.00	144.00	8,016.42	359,712	610,354	167,582		1,137,648
000	AD	C3715	AP CHEMIST 1	5	3.50	84.00	4,386.80	51,504	219,228		98,328	369,060
000	AD	C3716	AP CHEMIST 2	4	4.50	108.00	5,417.00	231,927	58,778	25,015	262,464	578,184
000	AD	C3717	AP CHEMIST 3	8	8.00	192.00	6,700.87	448,920	165,624	30,416	641,608	1,286,568
000	AD	C5750	AP ENVIRONMENTAL LAW SPECIALIST	3	3.46	83.00	7,413.25	96,658	516,422			613,080
000	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	6	4.50	108.00	3,941.83	192,336		128,268	118,752	439,356

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL	
000	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	7	6.50	156.00	5,303.00	433,128	261,456	136,944	831,528	
000	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	41	40.50	972.00	5,769.63	2,201,053	2,078,283	688,549	5,620,632	
000	AD	C8503	DP NATURAL RESOURCE SPECIALIST	3	5	5.00	120.00	6,180.80	63,443	678,253		741,696	
000	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	46	45.59	1094.27	7,025.97	2,927,815	2,563,495	1,848,983	7,662,692	
000	AD	C8504	BP NATURAL RESOURCE SPECIALIST	4	3	3.00	72.00	7,196.66	327,552	190,608		518,160	
000	AD	C8504	DP NATURAL RESOURCE SPECIALIST	4	5	5.00	120.00	7,494.80	38,122	861,254		899,376	
000	AD	C8505	AP NATURAL RESOURCE SPECIALIST	5	5	5.00	120.00	7,951.00	575,100	200,880	178,140	954,120	
000	AD	C8505	BP NATURAL RESOURCE SPECIALIST	5	1	.50	12.00	6,275.00		75,300		75,300	
000	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER	G	3	3.00	72.00	11,171.00	804,312			804,312	
000	MMN	X0872	AP OPERATIONS & POLICY ANALYST	3	1	1.00	24.00	7,942.00	190,608			190,608	
000	MMN	X0873	AP OPERATIONS & POLICY ANALYST	4	3	3.00	72.00	8,740.00	419,520	209,760		629,280	
000	MMS	X0863	AP PROGRAM ANALYST	4	1	1.00	24.00	6,542.00	78,033	78,975		157,008	
000	MMS	X7006	AP PRINCIPAL EXECUTIVE/MANAGER	D	1	1.00	24.00	7,208.00		172,992		172,992	
000	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER	E	15	14.06	337.46	8,862.26	459,613	1,724,927	766,738	86,496	3,037,774
000					224	218.06	5233.36	6,369.03	11,919,814	14,125,402	5,064,098	2,498,214	33,607,528

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
060	AD	C1244	AP FISCAL ANALYST 2		.00	.00	6,585.00					
060					.00	.00	6,585.00					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
070	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1-	1.00-	24.00-	5,001.00			120,024-		120,024-
070	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	2-	2.00-	48.00-	5,189.25		158,040-	113,376-		271,416-
070	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1-	1.00-	24.00-	5,437.00			130,488-		130,488-
070				4-	4.00-	96.00-	5,199.16		158,040-	363,888-		521,928-

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
070	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1-	1.00-	24.00-	5,001.00			120,024-		120,024-
070	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	2-	2.00-	48.00-	5,189.25		158,040-	113,376-		271,416-
070	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	1-	1.00-	24.00-	5,437.00			130,488-		130,488-
070				4-	4.00-	96.00-	5,199.16		158,040-	363,888-		521,928-

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
121	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	.00	.00	4,097.00					
121	AD	C8503	DP NATURAL RESOURCE SPECIALIST	3	.00	.00	4,948.00					
121					.00	.00	4,735.25					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
090	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	1-	1.00-	24.00-	7,584.00	182,016-				182,016-
090	AD	C3717	AP CHEMIST 3	2-	2.00-	48.00-	6,758.50	324,408-				324,408-
090	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	2-	2.00-	48.00-	5,356.00	257,088-				257,088-
090	MMN	X0872	AP OPERATIONS & POLICY ANALYST 3	1-	1.00-	24.00-	7,942.00	190,608-				190,608-
090				6-	6.00-	144.00-	6,625.83	954,120-				954,120-

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
120	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	.00	.00	4,097.00					
120	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	.00	.00	5,437.00					
120					.00	.00	4,543.66					

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
121	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	.00	.00	4,097.00					
121	AD	C8503	DP NATURAL RESOURCE SPECIALIST	3	.00	.00	4,948.00					
121					.00	.00	4,735.25					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
122	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	.00	.00	4,724.00					
122	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	.00	.00	5,437.00					
122					.00	.00	5,199.33					

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
123	AD	C3715	AP CHEMIST 1		.00	.00	4,097.00					
123	AD	C3716	AP CHEMIST 2		.00	.00	4,509.00					
123	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1		.00	.00	3,563.00					
123	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3		.00	.00	4,724.00					
123					.00	.00	4,323.40					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
125	AD	C1001	AP LOAN SPECIALIST 1	1	.88	21.12	3,917.00		82,727			82,727
125				1	.88	21.12	3,917.00		82,727			82,727

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
126	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	1	.75	18.00	4,097.00	73,746				73,746
126	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	2	1.76	42.24	4,724.00	199,542				199,542
126				3	2.51	60.24	4,515.00	273,288				273,288

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
127	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	3	3.14	75.36	3,104.80	190,080	39,144			229,224
127	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	5,188.00	49,805	74,707			124,512
127	AD	C1482	IP INFO SYSTEMS SPECIALIST 2	1	.88	21.12	3,606.00	76,159				76,159
127	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	2	1.76	42.24	5,344.00	225,730				225,730
127	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	3	1.75	42.00	3,563.00	64,134	85,512			149,646
127	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	6	4.13	99.12	4,097.00	199,606	206,489			406,095
127	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	7	3.88	93.12	4,724.00	99,771	340,128			439,899
127	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	3	2.38	57.12	5,437.00	310,561				310,561
127	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER E	1	.88	21.12	6,542.00		138,167			138,167
127				27	19.80	475.20	4,351.65	1,215,846	884,147			2,099,993

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
128	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	.00	.00	4,097.00					
128	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	.00	.00	4,724.00					
128	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	.00	.00	5,437.00					
128	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER	E	.00	.00	6,542.00					
128					.00	.00	5,041.33					

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
129	AD	C8502	AP NATURAL RESOURCE SPECIALIST	2	.00	.00	4,097.00					
129	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	.00	.00	4,724.00					
129	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	.00	.00	5,437.00					
129					.00	.00	4,758.40					

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
170	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER G		.00	.00	11,696.00					
170	MMS X7010	AP	PRINCIPAL EXECUTIVE/MANAGER F		.00	.00	10,121.00					
170					.00	.00	10,908.50					
				245	231.25	5549.92	6,054.07	12,454,828	14,934,236	4,700,210	2,498,214	34,587,488

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C0103	AP OFFICE SPECIALIST 1	3	3.00	72.00	3,082.00		167,934	59,994		227,928
000	AD	C0104	AP OFFICE SPECIALIST 2	9	8.85	212.56	3,308.27		585,231	114,402		699,633
000	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	8	7.66	183.81	3,781.33		619,816	76,228		696,044
000	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	1	1.00	24.00	4,291.00		102,984			102,984
000	AD	C0119	AP EXECUTIVE SUPPORT SPECIALIST 2	2	2.33	56.00	4,020.00		224,088			224,088
000	AD	C0211	AP ACCOUNTING TECHNICIAN 2	1	1.00	24.00	4,292.00		59,745	43,263		103,008
000	AD	C0860	AP PROGRAM ANALYST 1	1	1.00	24.00	3,917.00		94,008			94,008
000	AD	C0861	AP PROGRAM ANALYST 2	1	1.00	24.00	4,724.00		113,376			113,376
000	AD	C0865	AP PUBLIC AFFAIRS SPECIALIST 2	1	1.00	24.00	6,692.33		165,624			165,624
000	AD	C0870	AP OPERATIONS & POLICY ANALYST 1	1	1.00	24.00	3,917.00		94,008			94,008
000	AD	C0871	AP OPERATIONS & POLICY ANALYST 2	3	3.00	72.00	6,282.66		452,352			452,352
000	AD	C0872	AP OPERATIONS & POLICY ANALYST 3	6	6.00	144.00	6,429.16		795,312	130,488		925,800
000	AD	C1244	AP FISCAL ANALYST 2	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	2	2.00	48.00	6,162.66		278,136			278,136
000	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	1.50	36.00	6,426.00		231,336			231,336
000	AD	C2511	AP ELECTRONIC PUB DESIGN SPEC 2		.23	5.60	4,724.00		26,454			26,454
000	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	1	1.00	24.00	7,584.00		182,016			182,016
000	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	9	9.00	216.00	8,225.33		1,638,926	137,746		1,776,672
000	AD	C3715	AP CHEMIST 1		1.00	24.00	4,508.00		108,192			108,192
000	AD	C3717	AP CHEMIST 3	1	1.00	24.00	7,242.00		173,808			173,808
000	AD	C5750	AP ENVIRONMENTAL LAW SPECIALIST	2	2.00	48.00	7,584.00		364,032			364,032
000	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	3	3.00	72.00	4,486.33		323,016			323,016
000	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	2	2.50	60.00	5,036.33	14,591	158,161	130,488		303,240
000	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	29	29.50	708.00	5,722.51		3,677,928	409,560		4,087,488
000	AD	C8503	BP NATURAL RESOURCE SPECIALIST 3	1	1.00	24.00	6,901.00		165,624			165,624

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	57	1359.29	7,131.03	138,496	8,112,573	1,457,016		9,708,085
000	AD	C8504	BP NATURAL RESOURCE SPECIALIST	4	12	288.00	7,539.50		1,557,912	613,464		2,171,376
000	AD	C8504	CP NATURAL RESOURCE SPECIALIST	4	4	4.00	8,318.00		598,896	199,632		798,528
000	AD	C8505	AP NATURAL RESOURCE SPECIALIST	5	1	1.00	8,370.00		200,880			200,880
000	AD	C8505	BP NATURAL RESOURCE SPECIALIST	5	1	1.50	7,085.33		284,244			284,244
000	MENNZ0873	AP	OPERATIONS & POLICY ANALYST	4	1	1.00	8,740.00	209,760				209,760
000	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER	G	2	2.00	11,329.33		548,208			548,208
000	MMN X0872	AP	OPERATIONS & POLICY ANALYST	3	2	2.00	7,751.50		372,072			372,072
000	MMN X0873	AP	OPERATIONS & POLICY ANALYST	4	3	3.40	8,740.00	167,796	545,388			713,184
000	MMN X1245	AP	FISCAL ANALYST	3	1	1.00	7,942.00		190,608			190,608
000	MMS X7008	AP	PRINCIPAL EXECUTIVE/MANAGER	E	12	12.74	8,518.73		2,467,419	173,517		2,640,936
000					185	188.85	4532.66	530,643	25,838,347	3,545,798		29,914,788

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 PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
060	AD	C1244	AP FISCAL ANALYST 2		.00	.00	6,585.00					
060	MMN	X0872	AP OPERATIONS & POLICY ANALYST 3	1-	1.00-	24.00-	7,561.00		181,464-			181,464-
060				1-	1.00-	24.00-	6,910.33		181,464-			181,464-

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
130	AD	C0870	AP OPERATIONS & POLICY ANALYST 1		.00	.00	3,917.00					
130	AD	C0871	AP OPERATIONS & POLICY ANALYST 2		.00	.00	4,724.00					
130					.00	.00	4,320.50					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
132	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1	1.00	24.00	5,001.00		120,024			120,024
132				1	1.00	24.00	5,001.00		120,024			120,024

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
133	AD	C8504	AP NATURAL RESOURCE SPECIALIST 4	2	2.00	48.00	5,437.00		260,976			260,976
133				2	2.00	48.00	5,437.00		260,976			260,976

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
134	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	1	1.00	24.00	4,724.00	113,376			113,376
134	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	1	1.00	24.00	5,437.00	130,488			130,488
134					2	2.00	48.00	5,080.50	243,864			243,864

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
136	AD	C8503	AP NATURAL RESOURCE SPECIALIST	3	3.00	72.00	4,724.00		340,128			340,128
136				3	3.00	72.00	4,724.00		340,128			340,128

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
170	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER G		.00	.00	11,696.00					
170					.00	.00	11,696.00					
				192	195.85	4700.66	6,503.05	774,507	26,378,011	3,545,798		30,698,316

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C0104	AP OFFICE SPECIALIST 2	1	1.00	24.00	3,333.00		79,992			79,992
000	AD	C0211	AP ACCOUNTING TECHNICIAN 2	3	3.00	72.00	3,948.66		284,304			284,304
000	AD	C0212	AP ACCOUNTING TECHNICIAN 3	4	4.00	96.00	4,158.75		399,240			399,240
000	AD	C0322	AP PUBLIC SERVICE REP 2	2	2.00	48.00	3,333.00		159,984			159,984
000	AD	C0435	AP PROCUREMENT AND CONTRACT ASST	1	1.00	24.00	4,509.00		108,216			108,216
000	AD	C0436	AP PROCUREMENT & CONTRACT SPEC 1	1	1.00	24.00	4,292.00		103,008			103,008
000	AD	C0437	AP PROCUREMENT & CONTRACT SPEC 2	2	2.00	48.00	5,886.50		282,552			282,552
000	AD	C0865	AP PUBLIC AFFAIRS SPECIALIST 2		.30	7.20	7,242.00		52,142			52,142
000	AD	C0870	AP OPERATIONS & POLICY ANALYST 1	1	1.00	24.00	3,917.00		94,008			94,008
000	AD	C0871	AP OPERATIONS & POLICY ANALYST 2	2	2.00	48.00	5,886.50		282,552			282,552
000	AD	C1215	AP ACCOUNTANT 1	2	2.00	48.00	4,410.50		211,704			211,704
000	AD	C1216	AP ACCOUNTANT 2	3	3.00	72.00	5,199.33		374,352			374,352
000	AD	C1217	AP ACCOUNTANT 3	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C1244	AP FISCAL ANALYST 2	1	.50	12.00	6,585.00		79,020			79,020
000	AD	C1346	AP SAFETY SPECIALIST 2	1	1.00	24.00	5,188.00		124,512			124,512
000	AD	C1482	IP INFO SYSTEMS SPECIALIST 2	1	1.00	24.00	4,531.00		108,744			108,744
000	AD	C1484	IP INFO SYSTEMS SPECIALIST 4	3	3.00	72.00	5,901.33		424,896			424,896
000	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	7	7.00	168.00	6,183.28		1,038,792			1,038,792
000	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	4	4.00	96.00	7,376.00		708,096			708,096
000	AD	C1487	IP INFO SYSTEMS SPECIALIST 7	4	4.00	96.00	7,983.00		766,368			766,368
000	AD	C1488	IP INFO SYSTEMS SPECIALIST 8	1	1.00	24.00	8,915.00		213,960			213,960
000	AD	C2512	AP ELECTRONIC PUB DESIGN SPEC 3	1	1.00	24.00	4,724.00		113,376			113,376
000	B	Y7500	AE BOARD AND COMMISSION MEMBER		.00	.00	0.00		6,300			6,300
000	MEAHZ	7014	HP PRINCIPAL EXECUTIVE/MANAGER H	1	1.00	24.00	13,741.00		329,784			329,784
000	MENNZ	0119	AP EXECUTIVE SUPPORT SPECIALIST 2	2	2.00	48.00	4,666.00		223,968			223,968

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER G	2	2.00	48.00	11,696.00		561,408			561,408
000	MMC X1319	AP	HUMAN RESOURCE ASSISTANT	1	1.00	24.00	4,219.00		101,256			101,256
000	MMC X1320	AP	HUMAN RESOURCE ANALYST 1	1	1.00	24.00	4,219.00		101,256			101,256
000	MMN X0438	AP	PROCUREMENT & CONTRACT SPEC 3	1	1.00	24.00	6,542.00		157,008			157,008
000	MMN X0856	AP	PROJECT MANAGER 3	1	1.00	24.00	7,942.00		190,608			190,608
000	MMN X0866	AP	PUBLIC AFFAIRS SPECIALIST 3	1	1.00	24.00	7,942.00		190,608			190,608
000	MMN X0870	AP	OPERATIONS & POLICY ANALYST 1	1	1.00	24.00	5,382.00		129,168			129,168
000	MMN X0871	AP	OPERATIONS & POLICY ANALYST 2	2	2.00	48.00	6,547.50		314,280			314,280
000	MMN X0872	AP	OPERATIONS & POLICY ANALYST 3	4	3.48	83.40	7,345.50		630,362			630,362
000	MMN X0873	AP	OPERATIONS & POLICY ANALYST 4	3	3.00	72.00	8,007.33		576,528			576,528
000	MMN X1218	AP	ACCOUNTANT 4	1	1.00	24.00	7,942.00		190,608			190,608
000	MMN X1245	AP	FISCAL ANALYST 3	1	1.00	24.00	7,942.00		190,608			190,608
000	MMN X1321	AP	HUMAN RESOURCE ANALYST 2	3	3.00	72.00	6,237.33		449,088			449,088
000	MMN X1322	AP	HUMAN RESOURCE ANALYST 3	1	1.00	24.00	6,862.00		164,688			164,688
000	MMN X1339	AP	TRAINING & DEVELOPMENT SPEC 2	1	1.00	24.00	5,127.00		123,048			123,048
000	MMN X7006	AP	PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	8,332.00		199,968			199,968
000	MMS X1487	IP	INFO SYSTEMS SPECIALIST 7	1	1.00	24.00	8,329.00		199,896			199,896
000	MMS X7006	IP	PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	6,862.00		164,688			164,688
000	MMS X7008	AP	PRINCIPAL EXECUTIVE/MANAGER E	3	3.00	72.00	8,895.33		640,464			640,464
000	MMS X7010	AP	PRINCIPAL EXECUTIVE/MANAGER F	1	1.00	24.00	10,121.00		242,904			242,904
000	MMS X7010	IP	PRINCIPAL EXECUTIVE/MANAGER F	1	1.00	24.00	11,696.00		280,704			280,704
000				81	80.28	1926.60	5,795.40		12,527,056			12,527,056

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
140	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	1	1.00	24.00	3,403.00		81,672			81,672
140	AD	C0862	AP PROGRAM ANALYST 3	1	1.00	24.00	5,188.00		124,512			124,512
140	AD	C0863	AP PROGRAM ANALYST 4	1	1.00	24.00	5,704.00		136,896			136,896
140	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	1	1.00	24.00	5,001.00		120,024			120,024
140	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	1	1.00	24.00	5,344.00		128,256			128,256
140	MMN	X0856	AP PROJECT MANAGER 3	1	1.00	24.00	8,332.00		199,968			199,968
140	MMS	X7008	IP PRINCIPAL EXECUTIVE/MANAGER E	1	1.00	24.00	9,642.00		231,408			231,408
140				7	7.00	168.00	6,087.71		1,022,736			1,022,736

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PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
142	AD	C0211	AP ACCOUNTING TECHNICIAN 2		.00	.00	3,129.00					
142	AD	C0438	AP PROCUREMENT & CONTRACT SPEC 3		.00	.00	5,188.00					
142	AD	C1217	AP ACCOUNTANT 3		.00	.00	4,724.00					
142	AD	C1484	IP INFO SYSTEMS SPECIALIST 4		.00	.00	4,478.00					
142	MMC	X1320	AP HUMAN RESOURCE ANALYST 1		.00	.00	4,219.00					
142	MMN	X0872	AP OPERATIONS & POLICY ANALYST 3		.00	.00	5,937.00					
142	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER E		.00	.00	6,542.00					
142					.00	.00	4,888.14					

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
143	MMN	X5618	AP INTERNAL AUDITOR 3	1	1.00	24.00	6,233.00	74,796	74,796			149,592
143				1	1.00	24.00	6,233.00	74,796	74,796			149,592

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
144	MMN	X0873	AP OPERATIONS & POLICY ANALYST 4	1	1.00	24.00	6,542.00	78,504	78,504			157,008
144				1	1.00	24.00	6,542.00	78,504	78,504			157,008

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 PICS SYSTEM: BUDGET PREPARATION

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
170	MMS	X7010	AP PRINCIPAL EXECUTIVE/MANAGER F		.00	.00	10,121.00					
170					.00	.00	10,121.00					
				90	89.28	2142.60	5,806.45	153,300	13,703,092			13,856,392
				789	767.35	18416.20	5,946.23	18,889,036	79,060,026	11,869,903	2,498,214	112,317,179

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
				789	767.35	18416.20	5,946.23	18,889,036	79,060,026	11,869,903	2,498,214	112,317,179

[REDACTED]

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C0103	AP OFFICE SPECIALIST 1	4	3.50	84.00	3,031.80	21,538	167,934	72,428		261,900
116	AD	C0104	AP OFFICE SPECIALIST 2	28	27.16	651.84	3,420.50	457,285	1,392,681	329,210	56,303	2,235,479
127	AD	C0107	AP ADMINISTRATIVE SPECIALIST 1	23	22.64	543.36	3,665.79	229,224	1,608,908	170,308		2,008,440
140	AD	C0108	AP ADMINISTRATIVE SPECIALIST 2	7	7.00	168.00	4,169.14	81,672	618,744			700,416
000	AD	C0119	AP EXECUTIVE SUPPORT SPECIALIST 2	5	5.00	120.00	4,264.50	80,531	432,133			512,664
142	AD	C0211	AP ACCOUNTING TECHNICIAN 2	6	6.00	144.00	3,727.12		511,640	53,776		565,416
000	AD	C0212	AP ACCOUNTING TECHNICIAN 3	4	4.00	96.00	4,158.75		399,240			399,240
000	AD	C0322	AP PUBLIC SERVICE REP 2	2	2.00	48.00	3,333.00		159,984			159,984
000	AD	C0323	VP PUBLIC SERVICE REP 3	65	65.00	1560.00	3,680.22		5,871,336			5,871,336
000	AD	C0324	AP PUBLIC SERVICE REP 4	1	1.00	24.00	3,737.00		89,688			89,688
000	AD	C0435	AP PROCUREMENT AND CONTRACT ASST	1	1.00	24.00	4,509.00		108,216			108,216
000	AD	C0436	AP PROCUREMENT & CONTRACT SPEC 1	1	1.00	24.00	4,292.00		103,008			103,008
000	AD	C0437	AP PROCUREMENT & CONTRACT SPEC 2	3	3.00	72.00	5,305.25	78,411	314,388	3,129		395,928
142	AD	C0438	AP PROCUREMENT & CONTRACT SPEC 3		.00	.00	5,188.00					
000	AD	C0855	AP PROJECT MANAGER 2	2	2.00	48.00	7,584.00	364,032				364,032
000	AD	C0860	AP PROGRAM ANALYST 1	3	3.00	72.00	4,260.66		240,962		65,806	306,768
119	AD	C0861	AP PROGRAM ANALYST 2	5	5.00	120.00	5,468.40		656,208			656,208
119	AD	C0862	AP PROGRAM ANALYST 3	8	8.00	192.00	5,544.75	348,125	629,309		87,158	1,064,592
140	AD	C0863	AP PROGRAM ANALYST 4	2	2.00	48.00	6,840.00		136,896	191,424		328,320
000	AD	C0865	AP PUBLIC AFFAIRS SPECIALIST 2	5	5.00	120.00	6,687.20	165,624	527,590	120,482		813,696
130	AD	C0870	AP OPERATIONS & POLICY ANALYST 1	2	2.00	48.00	4,525.00		188,016			188,016
130	AD	C0871	AP OPERATIONS & POLICY ANALYST 2	14	14.00	336.00	5,634.06	158,040	1,432,272	301,752		1,892,064
000	AD	C0872	AP OPERATIONS & POLICY ANALYST 3	9	9.00	216.00	6,371.27	130,488	963,488	275,176		1,369,152
125	AD	C1001	AP LOAN SPECIALIST 1	1	.88	21.12	3,917.00		82,727			82,727
000	AD	C1003	AP LOAN SPECIALIST 3	1	1.00	24.00	7,584.00		182,016			182,016

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C1215	AP ACCOUNTANT 1	2	2.00	48.00	4,410.50		211,704			211,704
000	AD	C1216	AP ACCOUNTANT 2	3	3.00	72.00	5,199.33		374,352			374,352
142	AD	C1217	AP ACCOUNTANT 3	1	1.00	24.00	5,654.50		158,040			158,040
000	AD	C1244	AP FISCAL ANALYST 2	4	3.50	84.00	6,585.00	276,570	276,570			553,140
000	AD	C1339	AP TRAINING & DEVELOPMENT SPEC 2	1	1.00	24.00	6,585.00		158,040			158,040
000	AD	C1346	AP SAFETY SPECIALIST 2	2	2.00	48.00	5,447.00		261,456			261,456
127	AD	C1482	IP INFO SYSTEMS SPECIALIST 2	2	1.88	45.12	4,068.50	76,159	108,744			184,903
142	AD	C1484	IP INFO SYSTEMS SPECIALIST 4	6	6.00	144.00	5,602.42		758,836	74,900		833,736
140	AD	C1485	IP INFO SYSTEMS SPECIALIST 5	22	22.00	528.00	6,058.60	469,223	2,450,244	165,804	106,153	3,191,424
119	AD	C1486	IP INFO SYSTEMS SPECIALIST 6	15	14.76	354.24	6,516.10	579,778	1,530,816	257,760		2,368,354
000	AD	C1487	IP INFO SYSTEMS SPECIALIST 7	4	4.00	96.00	7,983.00		766,368			766,368
000	AD	C1488	IP INFO SYSTEMS SPECIALIST 8	1	1.00	24.00	8,915.00		213,960			213,960
000	AD	C2511	AP ELECTRONIC PUB DESIGN SPEC 2	1	1.00	24.00	4,724.00		113,376			113,376
000	AD	C2512	AP ELECTRONIC PUB DESIGN SPEC 3	1	1.00	24.00	4,724.00		113,376			113,376
116	AD	C3411	AP ENVIRONMENTAL ENGINEER 2	12	11.50	276.00	7,186.18	208,191	1,742,463	39,510		1,990,164
119	AD	C3412	AP ENVIRONMENTAL ENGINEER 3	24	24.00	576.00	8,049.84	510,312	3,805,152	305,328		4,620,792
123	AD	C3715	AP CHEMIST 1	7	5.50	132.00	4,324.10	149,832	327,420		98,328	575,580
123	AD	C3716	AP CHEMIST 2	9	9.00	216.00	5,252.36	572,871	130,634	168,727	262,464	1,134,696
000	AD	C3717	AP CHEMIST 3	11	11.00	264.00	6,643.73	557,664	339,432	204,224	641,608	1,742,928
000	AD	C4339	AP SCIENTIFIC INSTRUMENT TECH	5	5.00	120.00	4,666.85		578,016			578,016
000	AD	C5750	AP ENVIRONMENTAL LAW SPECIALIST	8	8.00	192.00	7,301.00	96,658	1,291,550			1,388,208
000	AD	C6811	AP LABORATORY TECHNICIAN 2	1	1.00	24.00	3,129.00			75,096		75,096
116	AD	C8501	AP NATURAL RESOURCE SPECIALIST 1	19	15.25	366.00	3,850.55	346,158	763,392	213,780	118,752	1,442,082
116	AD	C8502	AP NATURAL RESOURCE SPECIALIST 2	28	24.88	597.12	4,655.69	1,513,719	1,107,606	267,432		2,888,757
136	AD	C8503	AP NATURAL RESOURCE SPECIALIST 3	105	98.77	2370.36	5,594.47	2,899,270	8,372,727	1,685,341	652,747	13,610,085

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	AD	C8503	BP NATURAL RESOURCE SPECIALIST	3	1	1.00	24.00	6,901.00		165,624		165,624
121	AD	C8503	DP NATURAL RESOURCE SPECIALIST	3	5	5.00	120.00	5,718.50	63,443	678,253		741,696
116	AD	C8504	AP NATURAL RESOURCE SPECIALIST	4	140	136.77	3282.52	6,785.09	3,824,440	14,784,529	3,682,100	22,613,468
000	AD	C8504	BP NATURAL RESOURCE SPECIALIST	4	15	15.00	360.00	7,470.93	327,552	1,748,520	613,464	2,689,536
000	AD	C8504	CP NATURAL RESOURCE SPECIALIST	4	4	4.00	96.00	8,318.00		598,896	199,632	798,528
000	AD	C8504	DP NATURAL RESOURCE SPECIALIST	4	5	5.00	120.00	7,494.80	38,122	861,254		899,376
000	AD	C8505	AP NATURAL RESOURCE SPECIALIST	5	10	10.00	240.00	8,010.09	705,268	602,640	605,876	1,913,784
000	AD	C8505	BP NATURAL RESOURCE SPECIALIST	5	2	2.00	48.00	6,882.75		359,544		359,544
000	B	Y7500	AE BOARD AND COMMISSION MEMBER			.00	.00	0.00		6,300		6,300
000	MEAHZ7014	HP	PRINCIPAL EXECUTIVE/MANAGER	H	1	1.00	24.00	13,741.00		329,784		329,784
000	MENNZ0119	AP	EXECUTIVE SUPPORT SPECIALIST	2	2	2.00	48.00	4,666.00		223,968		223,968
000	MENNZ0873	AP	OPERATIONS & POLICY ANALYST	4	1	1.00	24.00	8,740.00	209,760			209,760
000	MESNZ7006	AP	PRINCIPAL EXECUTIVE/MANAGER	D	1	1.00	24.00	7,561.00		181,464		181,464
170	MESNZ7012	AP	PRINCIPAL EXECUTIVE/MANAGER	G	9	9.00	216.00	11,504.92	1,013,203	1,181,429	280,704	2,475,336
000	MMC X1319	AP	HUMAN RESOURCE ASSISTANT		1	1.00	24.00	4,219.00		101,256		101,256
142	MMC X1320	AP	HUMAN RESOURCE ANALYST	1	1	1.00	24.00	4,219.00		101,256		101,256
000	MMN X0438	AP	PROCUREMENT & CONTRACT SPEC	3	1	1.00	24.00	6,542.00		157,008		157,008
140	MMN X0856	AP	PROJECT MANAGER	3	2	2.00	48.00	8,137.00		390,576		390,576
000	MMN X0866	AP	PUBLIC AFFAIRS SPECIALIST	3	1	1.00	24.00	7,942.00		190,608		190,608
000	MMN X0870	AP	OPERATIONS & POLICY ANALYST	1	1	1.00	24.00	5,382.00		129,168		129,168
118	MMN X0871	AP	OPERATIONS & POLICY ANALYST	2	3	3.00	72.00	5,695.20		437,328		437,328
142	MMN X0872	AP	OPERATIONS & POLICY ANALYST	3	7	6.48	155.40	7,480.83		1,193,042		1,193,042
144	MMN X0873	AP	OPERATIONS & POLICY ANALYST	4	13	13.00	312.00	8,457.41	791,676	1,740,898	79,010	2,611,584
000	MMN X1218	AP	ACCOUNTANT	4	1	1.00	24.00	7,942.00		190,608		190,608
000	MMN X1245	AP	FISCAL ANALYST	3	2	2.00	48.00	7,942.00		381,216		381,216

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
000	MMN	X1321	AP HUMAN RESOURCE ANALYST 2	4	4.00	96.00	6,313.50		606,096			606,096
000	MMN	X1322	AP HUMAN RESOURCE ANALYST 3	1	1.00	24.00	6,862.00		164,688			164,688
000	MMN	X1339	AP TRAINING & DEVELOPMENT SPEC 2	1	1.00	24.00	5,127.00		123,048			123,048
143	MMN	X5618	AP INTERNAL AUDITOR 3	1	1.00	24.00	6,233.00	74,796	74,796			149,592
000	MMN	X7006	AP PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	8,332.00		199,968			199,968
000	MMS	X0863	AP PROGRAM ANALYST 4	1	1.00	24.00	6,542.00	78,033	78,975			157,008
000	MMS	X1487	IP INFO SYSTEMS SPECIALIST 7	1	1.00	24.00	8,329.00		199,896			199,896
000	MMS	X7004	AP PRINCIPAL EXECUTIVE/MANAGER C	6	6.00	144.00	6,779.66		976,272			976,272
000	MMS	X7006	AP PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	7,208.00		172,992			172,992
000	MMS	X7006	IP PRINCIPAL EXECUTIVE/MANAGER D	1	1.00	24.00	6,862.00		164,688			164,688
127	MMS	X7008	AP PRINCIPAL EXECUTIVE/MANAGER E	42	41.88	1005.12	8,537.79	1,391,368	5,793,860	1,433,530	86,496	8,705,254
140	MMS	X7008	IP PRINCIPAL EXECUTIVE/MANAGER E	1	1.00	24.00	9,642.00		231,408			231,408
170	MMS	X7010	AP PRINCIPAL EXECUTIVE/MANAGER F	2	2.00	48.00	10,121.00		485,808			485,808
000	MMS	X7010	IP PRINCIPAL EXECUTIVE/MANAGER F	1	1.00	24.00	11,696.00		280,704			280,704
				789	767.35	18416.20	5,946.23	18,889,036	79,060,026	11,869,903	2,498,214	112,317,179

PKG	CLASS	COMP	DESCRIPTION	POS CNT	FTE	MOS	AVERAGE RATE	GF SAL	OF SAL	FF SAL	LF SAL	AF SAL
				789	767.35	18416.20	5,946.23	18,889,036	79,060,026	11,869,903	2,498,214	112,317,179

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