



DEQ's Disaster Debris Management Plan

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Northwest Region Solid & Hazardous Waste



Potential problem with disaster debris

- Environmental hazards and conditions:
 - Hazardous, asbestos-containing, lead or other contaminants, water quality impacts, environmental or human exposures, other
- Capacity of current disposal sites or need for temporary or new sites
- Management of waste to prevent further environmental impacts
- Communication and outreach



DEQ role

- Assist local governments, response teams, and Incident Command System respond to a disaster to avoid additional impacts to human health or the environment
- If requested, approve temporary sites prior to a disaster



DEQ solid waste staff role during disaster response

- Determine state of solid waste system infrastructure
- Assist with and approve use of temporary sites to manage disaster debris and other wastes including pre-approval of sites as requested by a local government
- Communicate with public about debris disposal options
- Provide technical assistance to facilities and the public

<http://www.deq.state.or.us/lq/sw/disposal/disasterdebris.htm>



DEQ

Hazards Assessment-

Does debris contain:

- Asbestos?
- hazardous waste?
- household hazardous waste?
- radioactive waste? Work with Oregon Health Authority if so
- other waste that will harm rescuers and victims-
lead or treated wood? Hazardous substances,
etc?
- potential for waste to cause water, land or air
quality impacts?



DEQ - Short-term permits

- Amount and type of waste-transfer site or disposal site?
- Environmental considerations of site: location of groundwater, wells, unpaved site, past contamination concerns
- Security of site
- Ability to separate waste, recover/recycle or process
- Restoring site after waste removed or disposed



DEQ short term permits

- DEQ may be able to waive certain permitting requirements if the Governor approves and includes the waiver in an executive order (public notice, fees, land use compatibility statement)
- Local governments need to understand and address FEMA guidelines for reimbursement



Operations:

- Waste acceptance and handling
- Are staff trained to address the types of wastes that will be handled
- Personal protective equipment
- Best management practices: segregation of incompatible wastes
- Ability to recycle or recover certain wastes
- Prevent nuisance conditions if possible
- Spill prevention and response
- Closure plan



Communication and outreach

- DEQ can put out press releases
- Information on DEQ website
- Establish hotline
- Email notifications



Priorities

- Assess environmental hazardous and conditions:
- Use existing sites or permit temporary sites?
- Permit modifications or new permit?
- Recycle or recover wastes?
- Communication and outreach
- Closure



Questions?

- <http://www.deq.state.or.us/lq/sw/disposal/disasterdebris.htm>
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