

**To: Chair Dembrow and members of the Senate Environment and Natural Resources Committee**

**RE: SB 892 Hearing 3/22/2017**

Good afternoon. My name is Laurie Bernstein; I am reading this testimony on behalf of Chris Rusch who could not be here today. We are both in support of Senate Bill 892.

The main point to make here is that spraying herbicides from helicopters is dangerous and people who live near areas where helicopter spraying occurs need to have warning days in advance.

**Slide 1**

I am here to talk to you about a pesticide drift incident that impacted residents outside of Tiller, OR in 2014. Tiller is southeast of Roseburg located in Douglas County.

**Slide 2**

The spray occurred on a harvested tract of private forestry timberland. Three chemicals were mixed and sprayed by helicopter to kill unwanted vegetation. The chemicals were Atrazine, Clopyralid and Hexazinone, all of which are toxic and harmful to humans.

**Slide 3**

On April 16, 2014 a helicopter was aerielly spraying on Seneca Jones timber land. The clearcut unit being sprayed is approximately 100-600 yards away from 6 separate residents. During this spraying event some residents were outside doing yard work.

**Slide 4**

They started to experience a host of symptoms listed on this slide.

(stomach ache, taste of chemical in mouth, sore throat, facial burning, burning and reddening to the eyes, headache, rapid heart rate, asthma like feeling, coughing, bloody nose and fatigue lasting for several weeks following).

Several of the residents, who declined to report their symptoms to a regulatory agency due to fear of local retribution, also experienced vomiting, headaches, burning eyes and a bad taste in their mouth.

Shortly after symptoms began, residents contacted the Seneca Jones Company. A Company forester assured everyone that Seneca had a forester on site performing tests and all conditions were perfect for an aerial spray that day. The residents reported to the forester that there was a visible grey mist in the air drifting over Jackson Creek and onto residential property and that residents were experiencing adverse health effects.

## Slide 5

Following these complaints, a regulatory investigation was initiated by the Oregon Department of Agriculture. The investigation showed that on a day, when the forester determined that conditions were good for spraying, herbicides did drift off site. The agency found that herbicides had drifted within the protected riparian buffer and across Jackson Creek onto residential property. The Oregon Department of Agriculture Report is attached to this testimony

The state's case file shows the company appears to have followed the rules meant to prevent drift. However, chemicals left the target site and people got sick. This example shows that a legal application can take place and pesticide drift can still harm nearby residents. Seneca was not found to be in violation of law, but harm was done. This happened to be a reported case, but what about all the cases where people don't report?

These rural residents deserved advanced warning so they would have known not to be outside on the day of the spray.

Some timber companies will tell you that they want to be good neighbors and provide notification on a voluntary basis. Other timber companies are not willing to work closely with nearby residents. Voluntary notification is not dependable and rural residents should not be left guessing whether the timber company will contact them or not.

This is a documented example of why every rural resident across Oregon should have the right to know when an aerial spray will occur and exactly what will be sprayed.

Respectfully submitted,

Chris Rusch

1090 Dompier Creek Road

Tiller, Oregon

541-825-3837

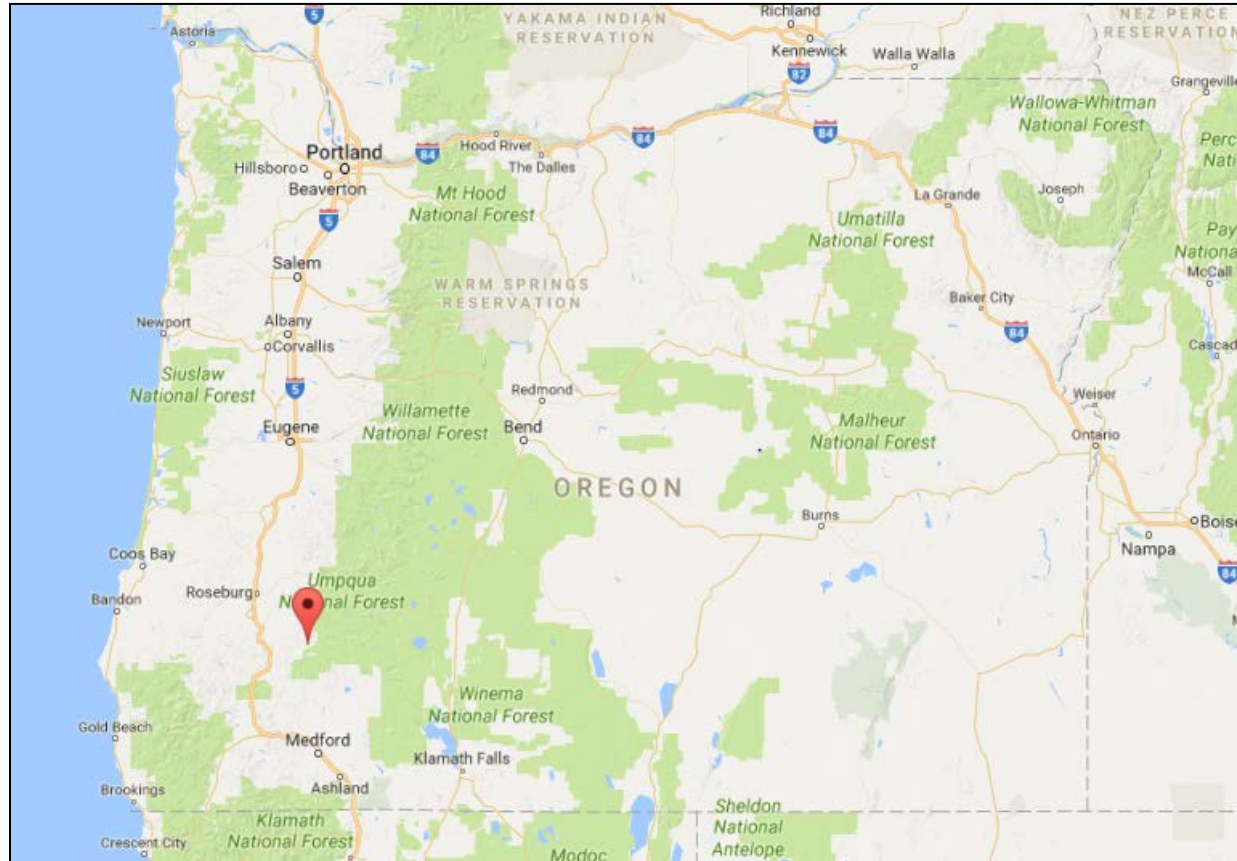
[crusch@hughes.net](mailto:crusch@hughes.net)

Website link of a report from Oregon Public Broadcasting regarding the incident:

<http://earthfix.opb.org/communities/article/oregon-forest-practices-rules-fail-to-prevent-pest/>

Attachment: Oregon Department of Agriculture 140286 Case Detailed Investigation Report confirming the occurrence of drift.

# Drift From Forestry Aerial Spray Affected Local Residents in Tiller, Oregon (Douglas County)





# Location of Herbicide Aerial Spray Unit

## Confluence of South Umpqua River and Jackson Creek





# The laws meant to prevent pesticides drifting across Oregon forests don't always work

Herbicides were  
aerially sprayed  
in accordance  
with Oregon  
Forest Practices  
Act regulations



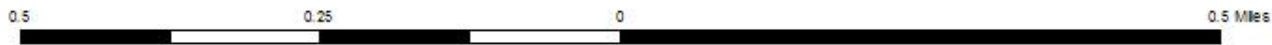
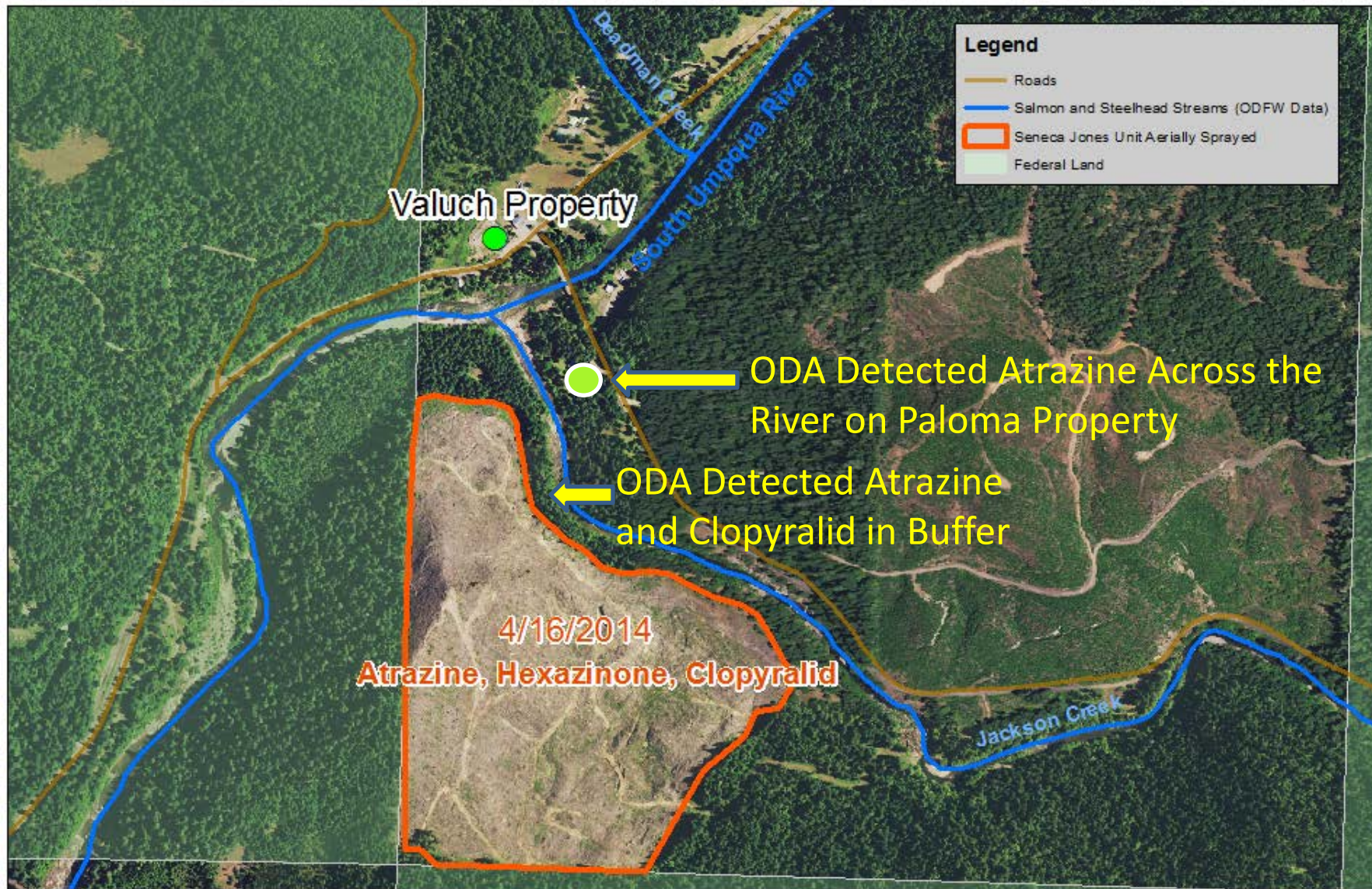
This photo was taken from by a local residents  
while working in their yard

# Health Affects Experienced by Residents

- Stomach Ache
- Bad chemical taste in mouth
- Sore Throat
- Facial Burning
- Burning and reddening to the eyes
- Headache
- Rapid Heart Rate
- Asthma like feeling (Breathing Restriction)
- Coughing
- Bloody Nose
- Fatigue
- Vomiting



# Aerially Sprayed Unit at the Confluence of South Umpqua River and Jackson Creek





# Oregon

John Kitzhaber, Governor

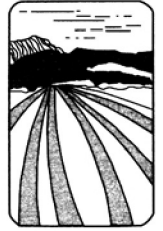
Department of Agriculture

635 Capitol Street NE  
Salem, OR 97301-2532

Case Number: 140286

Case Name: APPLEBEE AVIATION INC / VALUCH

Case Closed



## Overview

Investigator	Case Reviewer	Manager
Brent Nicolas	Michael Babbitt	
Date Started	04/17/2014	Date Completed
	<input type="text"/>	06/19/2014
ROL Sent?	<input type="radio"/> Yes <input checked="" type="radio"/> No	Date ROL Sent
	<input type="text"/>	<input type="text"/>
Referral to Another Agency?	<input type="text"/>	Date of Referral
	<input type="text"/>	<input type="text"/>
Number of Samples Taken	24	List Test(s) Requested
Number of Samples Analyzed	24	hexazinone, clopyralid, atrazine
Complaint?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sample Type
Refer to PARC?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Veg
Cease & Desist	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/> Animal <input type="checkbox"/> Other
LOA	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/> Soil
Verified Compliance?	<input type="radio"/> Yes <input type="radio"/> No	<input checked="" type="checkbox"/> Swab
Date Reviewed	06/19/2014	<input type="checkbox"/> Water
Date Case Completed	<input type="text"/>	Type of Investigation
Sixty Days	06/16/2014	AUF
One Hundred Twenty Days	08/15/2014	Suspected Violation?
		<input checked="" type="radio"/> Yes <input type="radio"/> No
		Related Cases
		ROL 140417
		ROL 140460
		ROL 150003

Tracking Devices	Aerial
	AIs of interest
	Drift
	Forestry
	Liquid spray application
	RUP

Nature



## Parties Involved

<u>Parties Involved</u>	<u>Last / Business Name</u> <u>Address</u> <u>City</u>	<u>First</u>  <u>State</u>	<u>Zip</u>	<u>License #</u>  <u>Phone</u>	<u>License Type</u> <u>Expiration Date</u> <u>County</u>	<u>Category</u>
<b>Complainant</b>	VALUCH 5690 S UMPQUA ROAD TILLER	LORI  OR	97484	541-825-3203	Douglas	
<b>Operator</b>	APPLEBEE AVIATION INC PO BOX 309 BANKS	OR	97106	AG-L1005130CPO 503-647-0404	CPO 12/31/2014 Washington AgH, AgIF, AQ, FOR, PUB, ROW	
<b>Applicator</b>	HALL 3760 MARKET ST STE 101 SALEM	PATRICK  OR	97301	AG-L1014815CPA 503-647-0404	CPA 12/31/2014 Marion AgH, AgIF, FOR, PUB, ROW	
<b>Property owner</b>	SENECA JONES TIMBER 90201 HWY 99 EUGENE	OR	97402	(541) 689-1011 POC: TED REISS, TIMBERLANDS OPERATIONS MANAGER	Douglas	
<b>Interested party</b>	POWELL 5513 S UMPQUA HWY TILLER	BEVERLY  OR	97484		Douglas	
<b>Interested party</b>	BUCKNELL 5922 S UMPQUA HWY TILLER	BILL  OR	97484		Douglas	

### Application Information

Date of Application   Start Time  End Time  Time of Day

Application Note

Category

Location of Application

Specific Site/Crop

Rate of Application (mixing rate, diluent, rate per area, etc)

Purpose

Method of Application

### Pesticides Involved

<u>Type</u>	<u>Manufacturer</u>	<u>Trade Name</u>	<u>EPA Reg. No.</u>	<u>Active Ingredients</u>
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**Pesticides Involved**

<b><u>Type</u></b>	<b><u>Manufacturer</u></b>	<b><u>Trade Name</u></b>	<b><u>EPA Reg. No.</u></b>	<b><u>Active Ingredients</u></b>
Herbicide	Helena Chemical Company	Velossa	5905-579	Hexazinone
Herbicide	Albaugh	Spur	42750-89	Clopyralid
Herbicide	Drexel	Atrazine 4L	19713-11	Atrazine



## Narrative

**April 17, 2014 DRAFT DRAFT DRAFT DRAFT DRAFT DRAFT**

**Jessica Haavisto**, ODA Pesticide Investigator, received a call from **Lori Valuch**. According to Valuch, she was trimming trees in her yard when she saw a helicopter spraying on a nearby Seneca timber property. She said she could see the spray and thought it had carried beyond the application site.

While Valuch didn't feel the spray on her, she said she experienced adverse health effects (eyes burning, sore throat). She said that her neighbor had told her he threw up during the evening. She said that winds were blowing from the application site toward her property. She said the odor from the application was noticeable at a neighbor's house across the street.

Haavisto then spoke with representatives at **Seneca Jones Timber Company** (Seneca), the timberland owners. According to them an atrazine herbicide and the adjuvant Spur were used. They said they had hired **Applebee Aviation** to make the application. The matter was referred to the ODA Salem office and then routed to pesticide investigator **Brent Nicolas** (myself).

I called and spoke with Valuch. She reiterated what she had told Haavisto. We discussed the geography of the unit and surrounding area. It was determined that several properties were located north and west of the spray unit. I asked her if she knew who the neighbors were and if she could provide me contact information to gain access for sampling if needed. She said that she knew all the property owners in the neighborhood and could obtain permission.

We made arrangements to meet at her residence on April 18, 2014.

The Pesticide Analytical Response Center was appraised of this incident through the Pesticides Program.

**April 18, 2014**

I met Valuch, her husband, and a neighbor, **Chris Rusch** an area resident interested in what was happening. We went to a number of the properties to see where they were located in relation to where the spray occurred.

Valuch's property was located north of the spray unit across and upstream along the **South Umpqua River**. Two properties of concern were located directly north and across **Jackson Creek**, a tributary which joined the South Umpqua and essentially bordered the spray unit on the north and east. A small portion of private timberland was located between the Seneca Jones Unit and the river.

### **Sampling Plan**

I developed a sampling plan based on the locations of the various properties. The samples were taken with establishing a gradient if the product had in fact carried beyond the spray unit.

## Narrative

Samples were taken first from the Valuch property. Both swab and foliage samples were taken. This was repeated at **Bill Bucknell's** residence to the south and closer to the spray unit. A third property (**Beverly Powell**) across the street between Bucknell's and the spray unit was sampled. This property was adjacent to the South Umpqua River.

Additional samples were taken on two properties along Jackson Creek. One of which was on the northeast side of the confluence of the two water bodies. These properties were not necessarily in a direct line through to the Valuch property but were alleged to have received deposition from the application.

All samples taken were sent to the ODA Lab for analysis. The application site was not accessed, primarily due to the high water in both Jackson Creek and the river. No bridge access was located near the unit.

I discussed the Report of Loss(ROL) form with Valuch and Rusch. I referred them to the Pesticide Program web site where it could be downloaded.

### **April 22, 2014**

I spoke with **Ted Reiss**, timberlands operations manager for Seneca. He was aware of the concerns regarding the application. I asked about the best way to access the spray unit for the purposes of sampling. He provided directions to the unit via downstream from the spray unit. I made tentative plans to return to sample the unit on April 25, 2014.

### **April 24, 2014**

I spoke with **Steve Weber**, Seneca. He was asked to accompany me to the spray unit on April 25, 2014.

### **April 25, 2014**

I met with Weber on S Umpqua Road. We drove into the forest to the the south of the spray unit. With Weber's guidance we were able to walk to the unit. We were then able to access the adjoining property (owned by Paloma).

Documentary photographs were taken from the unit and from the Paloma property. Some of the vegetation in the spray unit was exhibiting visual symptoms similar to that of an exposure to pesticides.

The vegetation I observed outside the spray area did not exhibit those same symptoms. I noticed a strip of vegetation that bordered the tree line along Jackson creek and the Paloma property. The vegetation appeared to have been there from at least the year before.

I pointed this out to Weber. He said that they had instructed Applebee Aviation to leave a 60 foot buffer along the tree line in that part of the unit that bordered Jackson Creek and the South Umpqua River. The spray buffer was not required by the Oregon Forest Practices Act but Seneca Jones had wanted a larger buffer.

He said that they had Applebee Aviation use hexazinone (Velossa) on the 6 acres bordering this buffer and the atrazine on the remaining 80 acres.

## Sampling Plan

Foliage samples were obtained from the Paloma property outside the spray unit, in the buffer area, and lastly in the spray unit itself. These samples were taken to establish a gradient showing off-target movement, if such a gradient existed.

These samples were also sent to the ODA Lab for analysis. The samples were analyzed for atrazine and clopyralid.

## May 1, 2014

I called and spoke with staff at Applebee Aviation. I requested a copy of the pesticide application record. I was emailed a copy of the record later in the day.

## Application Record/Product Label Reviews

The record showed the use of **Velossa, Spur**, and **Atrazine 4L** herbicides. The applicator of record was **Patrick Hall**. The spray unit was identified as Jackson Crossing. A review of the product labels found the rates, site, and method of application to be appropriate.

Additionally, all three product labels stated in part:

"Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

While not required by Oregon Pesticide Control Act, the record also had recordings of temperature, wind speed, and direction at the application site. As recorded at the site by Weber, the winds were coming from a north or a northwest direction from calm conditions to approximately 7 miles per hour.

## License Review

A commercial pesticide operator license was required for Applebee Aviation to apply the pesticides to the forest unit. A commercial pesticide applicator license was required for Hall to apply the pesticides. Both the company and Hall were appropriately licensed at the time of application.

## Sample Results

Results of the samples were received from the ODA Laboratory on May 27, 2014. The results are as follows:

<u>Sample #</u>	<u>Ingredient</u>	<u>Result</u>	<u>Minimum Detection Limit</u>
140286-1	Atrazine	<0.001µg/cm <sup>2</sup>	0.001µg/cm <sup>2</sup>
140286-2	Atrazine	<0.001µg/cm <sup>2</sup>	0.001µg/cm <sup>2</sup>
140286-3	Atrazine	<0.001µg/cm <sup>2</sup>	0.001µg/cm <sup>2</sup>
140286-4	Atrazine	<0.010 ppm	0.010 ppm



**Narrative**

	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-5	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-6	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-7	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-8	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-9	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-10	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-11	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-12	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-13	Atrazine	<0.010 ppm	0.010 ppm
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-14	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-15	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-16	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-17	Atrazine	<b>0.012 ppm</b>	<b>0.010 ppm</b>
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-18	Atrazine	<0.010 ppm	0.010 ppm
Clopyralid	<0.010 ppm	0.010 ppm	
	Hexazinone	<0.010 ppm	0.010 ppm
140286-19	Atrazine	<0.001µg/cm2	0.001µg/cm2
140286-20	Atrazine	<0.001µg/cm2	0.001µg/cm2

Narrative			
140286-21	Atrazine	<b>0.060 ppm</b>	<b>0.01 ppm</b>
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-22	Atrazine	<b>0.26 ppm</b>	<b>0.01 ppm</b>
	Clopyralid	<0.010 ppm	0.010 ppm
	Hexazinone	<0.010 ppm	0.010 ppm
140286-23	Atrazine	<b>0.99 ppm</b>	<b>0.01 ppm</b>
	Clopyralid	<b>0.039 ppm</b>	<b>0.01 ppm</b>
	Hexazinone	<b>0.012 ppm</b>	<b>0.010 ppm</b>
140286-24	Atrazine	<b>15 ppm</b>	<b>0.01 ppm</b>
	Clopyralid	<b>2.2 ppm</b>	<b>0.01 ppm</b>
	Hexazinone	<b>0.089 ppm</b>	<b>0.010 ppm</b>

All above sample results in **bold** are positive.

ppm = Parts per million      µg/cm<sup>2</sup> = Micrograms per centimeter squared

None of the samples taken west of the South Umpqua River were positive for the presence of either chemical. Atrazine was found in foliage samples on both the Paloma (sample 140286-17) and Robertson (140286-21) properties.

The sample from the Paloma property was taken from part of the lawn area that was not sheltered by trees. The sample from the Robertson property (140286-22) was taken from a stream side tree whose foliage overhung the water.

Sample 140286-22 was taken on a track of forestland owned by Paloma located south of Jackson Creek, east of the South Umpqua River, and adjacent to the spray unit. Atrazine residue was found on vegetation sampled from this property.

Sample 140286-23 was positive for all pesticide ingredients. This sample was taken within the buffer strip on the edge of the spray unit as established by Seneca Jones. The purpose of the buffer was to create a space between the edge the unit with surrounding properties and bodies of water. While direct application could not occur within the buffer, incidental drift could.

Sample 140286-24 was positive for the presence of all pesticide ingredients. This was the only sample where residue was expected to be present as it was taken within the spray unit.

Atrazine 4L was applied at 128 ounces per acre while Spur was applied at 8 ounces per acre. Atrazine was found at 0.012 ppm in sample 140287-17 and 0.06 parts per million. Clopyralid (Spur) would be expected to have a residue where atrazine was found as they were applied together. As Spur was applied at 1/16th the rate as 4L it would be very possible that any residue would be below the 0.010 minimum detection limit.

## Narrative

Hexazinone was analyzed for in the samples at a later date. It was applied the same day as Atrazine 4L and Spur but not in the same tank mix. It was found within the spray unit (sample 140286-24) and in the buffer (sample 140286-23) but not outside the spray unit.

Valuch and Rusch were provided copies of the sample results via email.

### **June 3, 2014**

I called Applebee Aviation and spoke with **Warren Howe**. I informed him of the sample results. He said he would pass the information on to the pilot, Hall.

I then called and spoke with Weber at Seneca Jones. We discussed the sample results.

### **June 4, 2014**

I spoke with **Brad Knotts** by phone to update him on ODA's actions to date. I then had a similar phone conversation with **Jay Walters**, Forest Stewardship Forester whose district included the Jackson Crossing Unit.

### **June 5, 2014**

I spoke with **Lisa Robertson** by phone, whose name I was initially told was Roberts. We discussed the sample results and the application. She noted that the grass at the house was brown. She thought that it might have been from the application. She also noted that the weather was drier than usual and the lack of water may have contributed to the grass's appearance. We then discussed the ROL form and how to download it from the Pesticide Program website.

### **June 6, 2014**

I spoke again with Valuch who had questions regarding the ROL form.

### **June 13, 2014**

I received a voicemail from Paloma with a request to call her back. The voicemail did not contain a number to return her call.

### **August 5, 2014**

I returned to the application site. I met with Walters and Knotts at the ODF office on Roseburg. The purpose was to observe the application site and surroundings for visual symptoms that may not have been present in the time of the initial visits. We traveled to the unit and were able to cross Jackson Creek to access through the southeastern portion.

Blackberry, maple, and other brushy vegetation within the spray area that was not killed in the application had grown significantly since the April 25 site visit. Other weedy species not present in April had germinated and begun to grow.

Grasses within the spray unit were found to have been mostly killed off. The areas closet to the unit boundary where Seneca Jones had instituted a 60 foot buffer had more living and robust vegetation.



## Narrative

We did find a source of surface water in the main drainage in that portion of the unit. A wetland area, estimated by the ODD staff to be roughly a 1/4 acre in size was in the middle part of the drainage. The wetland was surrounded by rushes, sedges, grasses, and weeds such as thistles. These plants were living and did not appear to exhibit visual symptoms that might be associated with an exposure to a herbicide.

There appeared to be a runoff channel that went some distance to the base of the hill. According to ODF there had been restoration work performed on the unit. The ground below the wetland had been moved around and it appeared that most of the erosion was from water collecting and then running off these areas and then downhill. ODF determination that a wetland existed though there was no stream present.

A number of broadleaf and/or woody plants did exhibit some chlorosis in the leaves or spotting.

The bordering tree line between Jackson Creek and the unit were inspected. Of the areas looked at, all were found to be at least a 100 feet in width. This created a buffer of essentially 150 feet along the creek. Documentary photos of this part of the unit were taken.

### **August 27, 2014**

A meeting was held at the ODA Salem office. In attendance were ODA staff: **Lisa Hanson**, Dale Mitchell, Mike Odenthal, **Oregonians for Food and Shelter: Scott Dahlman**, and Applebee Aviation: Warren Howe. This meeting was at the request of Ted Reiss. He subsequently sent me an email on September 3, 2014:

A portion of the email described the meeting:

"I requested an in-person meeting with ODA for a couple of reasons: 1) to learn about the investigative process and specifically where in the process is the Jackson Creek investigation along the normal pathway, 2) to determine if there was an opportunity for Seneca and/or Applebee Aviation to add information to the formal report. The meeting was very professional and productive. During the meeting Dale provided an opportunity for Seneca to introduce information that would help describe the preparation Seneca, and its pesticide application contractors, undertakes prior to and during pesticide applications like the one that took place in the spring of 2014 at our Jackson Crossing harvest area."

Subsequent to that email he provided a copy of a summary document. The document included Seneca's policy and procedural information that Seneca had in place for pesticide applications in forest sites. The document stressed the company's requirements for the use of EPA registered pesticide products labeled for use on forest lands, the adherence to the product's labeling, contracting with licensed commercial pesticide operators, contacting neighbors of properties where applications are to occur.

Supporting documentation was included. It specifically addressed the application at Jackson Creek.

### **September 17, 2014**

## Narrative

I made an email request to Warren Howe as a followup. Howe provided me with information regarding:

"The type of nozzles used for the application: Accuflow .028-64, which produces coarse droplets in the 800-1000 micron stage.

The direction which the nozzles are pointed: Aft facing, parallel to the airstream.

How often and when the nozzles are calibrated: from Howe "When we equip a helicopter with a spray system we make a calibration flight. The ship is essentially calibrated on every load with assistance of the guidance system. The system is programmed to the effective swath width and counts acres treated as the application occurs. Our batch trucks have meters counting all material that goes into the aircraft. For example....if the desired application rate is 10 gallons per acre and a load of 100 gallons is loaded into the aircraft then the system should record 10 acres for that load. If these numbers do not add up for some reason then the pilot has real time knowledge of the dependency and can correct it.

$MPH \times Swath \times .002 = APM$  (50x50x.002 = 5 acres per minute) /  $APM \times Target Rate = GPM$  ( 5 APM x 10 GPA = 50 gallons per minute) / GPM divided by number of nozzels = GPM per nozzle) Manufacturers nozzle pressure specs are used as a base setting and fine tuned in calibration flight. In this situation 27 nozzles @ 24 PSI = 1.84 GPM per nozzle.

The pressure used to apply the herbicides: 24 PSI

Spray boom length in comparison to rotor length: 75% for herbicide applications"

This would demonstrate compliance with the Spray Drift Management section of all three pesticide labels, though forestry site applications are exempt from each one.

### **September 23, 2014**

I called and spoke with the applicator Hall. We discussed the application. Much of the information I had intended to request from Hall had been provided by Howe. He said that on one the first return flights to the landing he saw a residence he had not initially seen. He said that a number large trees had obscured the house and the rood helped it blend in some with the surroundings.

## Narrative

He said that after seeing the home he altered his flight pattern to go around the house. He said that his flights to the unit from the landing were in a path that would line him up for the next application pass. He said his return flight was essentially the same path to the landing. Hall said the application was routine and could not recall any other thing aside from the house.

He also mentioned that he had left a 60 foot buffer in the unit along the treeline at the instruction of Seneca Jones.

### Investigator Findings

The Oregon Department of Agriculture has investigated a concern regarding an aerial pesticide application by Applebee Aviation. As a result of its investigation, the Department has determined that

Applebee Aviation is in violation of:

**ORS 634.372(2) As a pesticide applicator or operator, intentionally or willfully apply or use a worthless pesticide or any pesticide inconsistent with its labeling, or as a pesticide consultant or dealer, recommend or distribute such pesticides.** [1 count]. Specifically, Patrick Hall, acting as an agent or employee or Applebee Aviation, made a commercial pesticide application to timberland owned and operated by Seneca Jones Timber Company. Hall applied three pesticides to the site, known as the Jackson unit. Hall applied Helena Chemical Company Velossa, Albaugh Spur, and Drexel Atrazine 4L to the unit.

The Drexel Atrazine 4L pesticide product label states in part:

"Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Vegetative samples were taken from properties across Jackson Creek, which was located between the application site and those properties. Some of those samples were positive for the presence of atrazine, the active ingredient in Atrazine 4L. The application was made in a manner which allowed the atrazine to carry from the application site to those properties. For the pesticide to carry to those sites it had to pass over Jackson Creek, a surface water body.

This application was made to an area where surface water was present. This was inconsistent to the Atrazine 4L product labeling and is a violation.

Applebee Aviation is in violation of:

**ORS 634.372(4) Perform pesticide application activities in a faulty, careless or negligent manner.** [1 count]. Specifically, Patrick Hall, acting as an agent or employee or Applebee Aviation, made a commercial pesticide application to timberland owned and operated by Seneca Jones Timber Company. Hall applied three pesticides to the site, known as the Jackson unit. Hall applied Helena Chemical Company Velossa, Albaugh Spur, and Drexel Atrazine 4L to the unit.

## Narrative

Subsequent to the application the Department detected atrazine on the property north, west, and adjacent to application site.

The Department considered the possibility of other sources of the detected atrazine , but determined that the Atrazine 4L and Spur application was the only likely source.

Applying this pesticide product in such a manner as to allow some of the material to be deposited off of the treatment site, was a pesticide application activity performed in a faulty, careless or negligent manner, in violation of ORS 634.372(4).

Patrick Hall is in violation of:

**ORS 634.372(2) As a pesticide applicator or operator, intentionally or willfully apply or use a worthless pesticide or any pesticide inconsistent with its labeling, or as a pesticide consultant or dealer, recommend or distribute such pesticides.** [1 count]. Specifically, Patrick Hall, acting as an agent or employee or Applebee Aviation, made a commercial pesticide application to timberland owned and operated by Seneca Jones Timber Company. Hall applied three pesticides to the site, known as the Jackson unit. Hall applied Helena Chemical Company Velossa, Albaugh Spur, and Drexel Atrazine 4L to the unit.

The Drexel Atrazine 4L pesticide product label states in part:

"Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Subsequent to the application, additional samples were taken from properties north and across Jackson Creek, which was located between the application site and those properties. Some of those samples were positive for the presence of atrazine, the active ingredient in Atrazine 4L. The application was made in a manner which allowed the atrazine to carry from the application site to those properties. For the pesticide to carry to those sites it had to pass over Jackson Creek, a surface water body.

This application was made to an area where surface water was present. This was inconsistent to the Atrazine 4L product labeling and is a violation.

Patrick Hall is in violation of:

**ORS 634.372(4) Perform pesticide application activities in a faulty, careless or negligent manner.** [1 count]. Specifically, Patrick Hall, acting as an agent or employee or Applebee Aviation, made a commercial pesticide application to timberland owned and operated by Seneca Jones Timber Company. Hall applied three pesticides to the site, known as the Jackson unit. Hall applied Helena Chemical Company Velossa, Albaugh Spur, and Drexel Atrazine 4L to the unit.

Subsequent to the application the Department detected atrazine on the property which was located north, west, as well as adjacent to application site.

The Department considered the possibility of other sources of the detected atrazine , but determined that the Atrazine 4L and Spur application was the only likely source.



## **Narrative**

Applying this pesticide product in such a manner as to allow some of the material to be deposited off of the treatment site, was a pesticide application activity performed in a faulty, careless or negligent manner, in violation of ORS 634.372(4).

Applebee Aviation was forthcoming with information and cooperative with the Department during this investigation.

## Attachments

<b><u>Attachment Name</u></b>	<b><u>Type</u></b>
Application Record	Records
Business Registry, Applebee Aviation, Inc.	Misc.
Case notes	Case notes
Case notes2	Case notes
Documentation from Seneca Jones Timber Co.	Correspondence
Email correspondence	Correspondence
license, Applebee Aviation, Inc., CPO	Misc.
license, Patrick J. Hall, CPA	Misc.
Maps	Maps
ODA-ODF Atrazine Notification	Misc.
ODF Notifications	Misc.
Pesticide Product Labels	Label
Photos and Photo Log	Photos
Photos and Photo Log - 8/5/2014	Photos
Public record request 2, Dahlman	Public record
Public record request fulfilled, ODF	Public record
Public record request fulfilled, OPB	Public record
Public record request, Anthony Schick	Public record
Public record request, Dahlman	Public record
Public record request, ODF	Public record
Public record request, OPB	Public record
Sample Results and Forms	Forms
Sample Results and Forms - Added Hexazinone to Results	Forms

## Enforcement Summary

<u>Name</u>	<u>License Type</u>	<u>Prohibition Violated</u>	<u>Number of Actions</u>	<u>Action</u>	<u>Notice Issued</u>	<u>Notice Served</u>	<u>Orig CP Amount \$</u>	<u>Hearing Requested</u>	<u>Informal Held</u>	<u>Final Order Issued</u>	<u>Actual CP Amount \$</u>
Applebee Aviation, Inc.	CPO										
Hall, Patrick J.	CPA										

TOTAL Orig CP Amount \$

TOTAL Actual CP Amount \$

## Notes

**When Sent**

**From**

**To**

06/27/2014 09:00:44 AM

Michael Babbitt

Brent Nicolas

Hello Brent: When it is convenient, please assign this case to me (as investigator) for a few minutes. I just need to add a couple of public record documents. Thank you.....

06/30/2014 09:35:06 AM

Brent Nicolas

Michael Babbitt

temporary case control has been transferred

06/30/2014 09:35:58 AM

Brent Nicolas

Sunny Jones

Babbitt wanted control of case temporarily to add some documents

LABORATORY SERVICES  
Phone: (503) 872-6644  
EXPORT SERVICE CENTER  
Phone: (503) 872-6630  
FAX: (503) 872-6615



OREGON DEPARTMENT OF AGRICULTURE  
1207 NW NAITO PARKWAY, STE 204  
PORTLAND, OREGON 97209-2835  
Laws And Regulations Administered By:  
Plant Division: (503) 986-4635

REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant

5690 S UMPQUA ROAD  
TILLER, OR 97484

Sampled By: Brent Nicolas  
Sampled on: 4/25/14 at (11:00)  
Sampled At:

Sampling Method: COLLECTED BY HAND

Lab Services LN Set: 14-B236 TO 256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/29/14.

ANALYTICAL REPORT

Sample	Lab. No.:	Test No.	FOLIAGE -	Analysis Requested	Analytical Results	Analyst
AUF140286-22:	14-B312		PALOMA TREELINE			
		5185		Atrazine	0.26 ppm MDL=0.010 ppm	CDJ
		6290		Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ
NUF140286-23:	14-B313		BUFFER STRIP			
		5185		Atrazine	0.99 ppm MDL=0.010 ppm	CDJ
		6290		Clopyralid	0.039 ppm MDL=0.010 ppm	CDJ
AUF140286-24:	14-B314		APPLICATION SITE			
		5185		Atrazine	15 ppm MDL=0.010 ppm	CDJ
		6290		Clopyralid	2.2 ppm MDL=0.010 ppm	CDJ

REMARKS:

Reviewed by: K. Wickman

Date: 5/27/14



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REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
LORI VALUCH  
5690 S UMPQUA ROAD  
TILLER, OR 97144  
Sampled By: Brent Nicolas  
Sampled on: 4/18/14 at (11:00)  
Sampled At: 5690 S UMPQUARD

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm<sup>2</sup>

Lab Services LN Set: 14-B236 TO B256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample AUF140286-1: Lab. No.: 14-B236	SWAB Test No.	Analysis Requested	Analytical Results	Analyst
	5227	Atrazine/Swabs	< 0.001 ug/cm <sup>2</sup> MDL=0.0010 ug/cm <sup>2</sup>	CDJ
Sample AUF140286-2: Lab. No.: 14-B237	SWAB - VALUCH GARAGE Test No.	Analysis Requested	Analytical Results	Analyst
	5227	Atrazine/Swabs	< 0.001 ug/cm <sup>2</sup> MDL=0.0010 ug/cm <sup>2</sup>	CDJ
Sample AUF140286-3: Lab. No.: 14-B238	SWAB - VALUCH TARP Test No.	Analysis Requested	Analytical Results	Analyst
	5227	Atrazine/Swabs	< 0.001 ug/cm <sup>2</sup> MDL=0.0010 ug/cm <sup>2</sup>	CDJ
Sample AUF140286-4: Lab. No.: 14-B239	FOLIAGE - VALUCH DRIVEWAY Test No.	Analysis Requested	Analytical Results	Analyst
	5185 6290	Atrazine Clopyralid	<0.010 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ
Sample AUF140286-5: Lab. No.: 14-B240	FOLIAGE - VALUCH PASTURE Test No.	Analysis Requested	Analytical Results	Analyst
	5185 6290	Atrazine Clopyralid	<0.010 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ

REMARKS:

Reviewed by: *K. W. Kinman* Date: 5/27/14

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FAX: (503) 872-6615



OREGON DEPARTMENT OF AGRICULTURE  
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REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
LORI VALUCH  
5690 S UMPQUA ROAD  
TILLER, OR 78484  
Sampled By: Brent Nicolas  
Sampled on: 4/18/14 at (11:00)  
Sampled At: 5690 S UMPQUARD

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm2

Lab Services LN Set: 14-B236 TO B256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample AUF140286-6: Lab. No.: 14-B241	FOLIAGE - VALUCH SOUTH FENCELINE Test No.	Analysis Requested	Analytical Results	Analyst
	5185	Atrazine	<0.010 ppm MDL=0.010 ppm	CDJ
	6290	Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ

REMARKS:

Reviewed by: H. Johnson Date: 5/27/14

LABORATORY SERVICES  
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OREGON DEPARTMENT OF AGRICULTURE  
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Plant Division: (503) 986-4635

REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
LORI VALUCH  
5690 S UMPQUA ROAD  
TILLER, OR 97144

Sampled By: Brent Nicolas  
Sampled on: 4/18/14 at (11:00)  
Sampled At: BUCKNELL RESIDENCE

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm2

Lab Services LN Set: 14-B236 TO B256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample	SWAB - BUCKNELL GREENHOUSE	Test No.	Analysis Requested	Analytical Results	Analyst
Sample AUF140286-7: Lab. No.: 14-B242		5227	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
Sample AUF140286-8: Lab. No.: 14-B243	FOLIAGE - BUCKNELL FRONT YARD	5185 6290	Atrazine Clopyralid	<0.010 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ
Sample AUF140286-9: Lab. No.: 14-B244	FOLIAGE - BUCKNELL PASTURE	5185 6290	Atrazine Clopyralid	<0.010 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ
Sample AUF140286-10: Lab. No.: 14-B245	SWAB - BUCKNELL TRUCK	5227	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ

REMARKS:

Reviewed by:     *K. Wickman*     Date: 5/27/14

LABORATORY SERVICES  
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REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
 Oregon Department of Agriculture  
 Pesticide Division  
 635 Capitol St., N.E.  
 Salem, OR 97301  
 Phone: (503) 986-4635  
 Contact Person: Dale Mitchell  
 Accounting Information: 03653

Source/Establishment/Registrant  
 BEVERLY  
 5513 S UMPQUA RD  
 TILLER, OR

Sampled By: Brent Nicolas  
 Sampled on: 4/18/14 at (11:00)  
 Sampled At: 5513 S UMPQUA RD

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm2

Lab Services LN Set: 14-B236 TO B256  
 Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
 Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample AUF140286-11: SWAB - SATELLITE DISH	Lab. No.: 14-B246	Test No.	Analysis Requested	Analytical Results	Analyst
		5227	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
Sample AUF140286-12: FOLIAGE - FRONT YARD	Lab. No.: 14-B247	Test No.	Analysis Requested	Analytical Results	Analyst
		5185	Atrazine	<0.010 ppm MDL=0.010 ppm	CDJ
		6290	Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ
Sample AUF140286-13: FOLIAGE - RIVERSIDE VEGETATION	Lab. No.: 14-B248	Test No.	Analysis Requested	Analytical Results	Analyst
		5185	Atrazine	<0.010 ppm MDL=0.010 ppm	CDJ
		6290	Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ

REMARKS:

Reviewed by: *W. Wickman* Date: 5/27/14

LABORATORY SERVICES  
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OREGON DEPARTMENT OF AGRICULTURE  
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Laws And Regulations Administered By:  
Plant Division: (503) 986-4635

REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
MARY PALOMA  
233 JACKSON CREEK RD  
TILLER, OR 98484

Sampled By: Brent Nicolas  
Sampled on: 4/18/14 at (11:00)  
Sampled At: 233 JACKSON CREEK RD

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm2

Lab Services LN Set: 14-B236 TO B256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample Lab. No.:	SWAB - PALOMA	Analysis Requested	Analytical Results	Analyst
AUF140286-14: 14-B249	COTTAGE Test No.	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
AUF140286-15: 14-B250	PAVILION Test No.	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
AUF140286-16: 14-B251	TARP Test No.	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
AUF140286-17: 14-B252	FOLIAGE - PALOMA YARD Test No.	Atrazine Clopyralid	0.012 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ
AUF140286-18: 14-B253	FOLIAGE - PALOMA RIVERSIDE Test No.	Atrazine Clopyralid	<0.010 ppm MDL=0.010 ppm < 0.010 ppm MDL=0.010 ppm	CDJ CDJ

REMARKS:

Reviewed by: K. Subman

Date: 5/27/14



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Laws And Regulations Administered By:  
Plant Division: (503) 986-4635

REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
LISA ROBERTS  
377 JACKSON CREEK RD  
TILLER, OR 98484

Sampled By: Brent Nicolas  
Sampled on: 4/18/14 at (11:00)  
Sampled At: 377 JACKSON CREEK RD

Sampling Method: COLLECTED BY HAND - SWAB SURFACE AREA 100cm2

Lab Services LN Set: 14-B236 TO B256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/22/14.

ANALYTICAL REPORT

Sample Lab. No.:	Test No.	Analysis Requested	Analytical Results	Analyst
Sample AUF140286-19: SWAB - ROBERTS JACUZZI COVER				
14-B254	5227	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
Sample AUF140286-20: SWAB - ROBERTS SLIDE				
14-B255	5227	Atrazine/Swabs	< 0.001 ug/cm2 MDL=0.0010 ug/cm2	CDJ
Sample AUF140286-21: FOLIAGE - ROBERTS RIVERSIDE VEGETATION				
14-B256	5185	Atrazine	0.060 ppm MDL=0.010 ppm	CDJ
	6290	Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ

REMARKS:

Reviewed by: K. K. Korman Date: 5/27/14

LABORATORY SERVICES  
Phone: (503) 872-6644  
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OREGON DEPARTMENT OF AGRICULTURE  
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REPORT OF LABORATORY ANALYSIS - OREGON ENFORCEMENT SAMPLES

Requesting Division/Agency/Firm  
Oregon Department of Agriculture  
Pesticide Division  
635 Capitol St., N.E.  
Salem, OR 97301  
Phone: (503) 986-4635  
Contact Person: Dale Mitchell  
Accounting Information: 03653

Source/Establishment/Registrant  
5690 S UMPQUA ROAD  
TILLER, OR 97484  
Sampled By: Brent Nicolas  
Sampled on: 4/25/14 at (11:00)  
Sampled At:

Sampling Method: COLLECTED BY HAND

Lab Services LN Set: 14-B236 TO 256  
Reason for Sampling: ALLEGED OFF-TARGET MOVEMENT  
Sample Received By: Janis R. Brown on 4/29/14.

ANALYTICAL REPORT

Sample	Lab. No.:	FOLIAGE -	Test No.	PALOMA TREELINE	Analysis Requested	Analytical Results	Analyst
Sample AUF140286-22:	14-B312	FOLIAGE -	5185	PALOMA TREELINE	Atrazine	0.26 ppm MDL=0.010 ppm	CDJ
			6290		Clopyralid	< 0.010 ppm MDL=0.010 ppm	CDJ
Sample NUF140286-23:	14-B313	FOLIAGE -	5185	BUFFER STRIP	Atrazine	0.99 ppm MDL=0.010 ppm	CDJ
			6290		Clopyralid	0.039 ppm MDL=0.010 ppm	CDJ
Sample AUF140286-24:	14-B314	FOLIAGE -	5185	APPLICATION SITE	Atrazine	15 ppm MDL=0.010 ppm	CDJ
			6290		Clopyralid	2.2 ppm MDL=0.010 ppm	CDJ

REMARKS:

Reviewed by: K. Wickman

Date: 5/27/14



**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address **475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701**

Phone **541-617-6073** Contact Person **BRENT NICOLAS** Accounting Information **03653**

Source/Establishment/Registrant  
Name: **LORI VALUCH**  
Address: **5690 S Umpqua Road, Tiller, OR 78484**

Sampled At **5690 S Umpqua Rd** Establishment/Lic. No.  Date/Time Collected **4/18/14 11:00 AM** Sample(s) Collected By **BRENT NICOLAS**

Method of Sampling and Sample Preparation  
**COLLECTED BY HAND**

Related Samples Reason for Sampling  
**ALLEGED OFF-TARGET MOVEMENT**

Date Received in Laboratory **4-22-14 1100** Received By **[Signature]** Shipment Temperature Controls  
Product **C** Sampling Loc. **F**

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/Pull Date	Container Size	Test(s) Requested
<b>AUF 140286-1</b>	<b>145 236</b>	<b>SWAB</b>			<b>ATRAZINE</b>
<b>AUF 140286-2</b>	<b>145 237</b>	<b>SWAB - VALUCH GARAGE</b>			<b>ATRAZINE</b>
<b>AUF 140286-3</b>	<b>145 238</b>	<b>SWAB - VALUCH TARP</b>			<b>ATRAZINE</b>
<b>AUF 140286-4</b>	<b>145 239</b>	<b><del>FOLIAGE</del> VALUCH DRIVEWAY</b>			<b>ATRAZINE</b>
<b>AUF 140286-5</b>	<b>145 240</b>	<b>FOLIAGE - VALUCH PASTURE</b>			<b>ATRAZINE</b>
<b>AUF 140286-6</b>	<b>145 241</b>	<b>FOLIAGE - VALUCH SOUTH FENCELINE</b>			<b>ATRAZINE</b>

REMARKS: **PRIORITY I**  
**ALL SWABS = 100 cm<sup>2</sup> SURFACE AREA**



**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address **475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701**

Phone **541-617-6073** Contact Person **BRENT NICOLAS** Accounting Information **03653**

Source/Establishment/Registrant  
Name: **LORI VALUCH**  
Address: **5690 SUMPONA RD TILGEM <sup>OR</sup>, 98484**

Sampled At **BUCKNELL RESIDENCE** Establishment/Lic. No.  Date/Time Collected **4/18/14 11:00 AM** Sample(s) Collected By **BRENT NICOLAS**

Method of Sampling and Sample Preparation

**COLLECTED BY HAND**

Related Samples Reason for Sampling **ALLEGED OFF-TARGET MOVEMENT**

Date Received in Laboratory Received By Shipment Temperature Controls  
Product **C** Sampling Loc. **F**

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/ Pull Date	Container Size	Test(s) Requested
AUF 140286-7	143 242	SWAB-BUCKNELL GREENHOUSE			ATRAZINE
AUF 140286-8	146 243	FOLIAGE-BUCKNELL FRONT YARD			ATRAZINE
AUF 140286-9	148 244	FOLIAGE-BUCKNELL PASTURE			ATRAZINE
AUF 140286-10	145 245	SWAB-BUCKNELL TRUCK			ATRAZINE

**REMARKS:**

PRIORITY I  
ALL SWABS = 100 cm<sup>2</sup> SURFACE AREA



**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address **475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701**

Phone **541-617-6073** Contact Person **BRENT NICOLAS** Accounting Information **03653**

Source/Establishment/Registrant  
Name: **BEVERLY**  
Address: **5513 S UMPQUA RD, TILLER, OR**

Sampled At **5513 S UMPQUA RD** Establishment/Lic. No. Date/Time Collected **4/18/14 11:00 AM** Sample(s) Collected By **BRENT NICOLAS**

Method of Sampling and Sample Preparation

**COLLECTED BY HAND**

Related Samples Reason for Sampling **ALLEGED OFF-TARGET MOVEMENT**

Date Received in Laboratory Received By Shipment Temperature Controls  
Product **C** Sampling Loc. **F**

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/Pull Date	Container Size	Test(s) Requested
AUF140286-11	148 246	SWAB - SATellite DISH			ATRAZINE
AUF140286-12	143 247	FOLIAGE - FRONT YARD			ATRAZINE
AUF140286-13	143 248	FOLIAGE - RWERSIDE VEGETATION			ATRAZINE

**REMARKS:**

**PRIORITY I**  
**ALL SWABS = 100 cm<sup>2</sup> SURFACE AREA**





**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address **475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701**

Phone **541-617-6073** Contact Person **BRENT NICOLAS** Accounting Information **03653**

Source/Establishment/Registrant  
Name: **MARY PALOMA**  
Address: **233 JACKSON CREEK RD, TILLER OR, 97184**

Sampled At **233 JACKSON CREEK RD** Establishment/Lic. No.  Date/Time Collected **4/18/14 11:00 AM** Sample(s) Collected By **BRENT NICOLAS**

Method of Sampling and Sample Preparation

**COLLECTED BY HAND**

Related Samples Reason for Sampling  
**ALLEGED OFF-TARGET MOVEMENT**

Date Received in Laboratory	Received By	Shipment Temperature Controls	
		Product	Sampling Loc.
		C	F

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/ Pull Date	Container Size	Test(s) Requested
AUF 140286- 14	143 249	SWAB-PALOMA COTTAGE			ATRAZINE
AUF 140286- 15	146 250	SWAB-PALOMA PAVILION			ATRAZINE
AUF 140286- 16	145 251	SWAB - PALOMA TARP			ATRAZINE
AUF 140286- 17	143 252	<del>SWAB</del> PALOMA FOLIAGE YARD			ATRAZINE
AUF 140286- 18	146 253	FOLIAGE - PALOMA RIVERSIDE			ATRAZINE

**REMARKS:**

**PRIORITY I**

ALL SWABS = 100 cm<sup>2</sup> SURFACE AREA



**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address **475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701**

Phone **541-617-6073** Contact Person **BRENT NICOLAS** Accounting Information **03653**

Source/Establishment/Registrant  
Name: **LIBA ROBERTS**  
Address: **377 JACKSON CREEK RD, TILLER, OR 97144**

Sampled At **377 JACKSON CREEK RD** Establishment/Lic. No. Date/Time Collected **4/18/14 11:00 AM** Sample(s) Collected By **BRENT NICOLAS**

Method of Sampling and Sample Preparation

**COLLECTED BY HAND**

Related Samples Reason for Sampling **ALLEGED OFF-TARGET MOVEMENT**

Date Received in Laboratory Received By Shipment Temperature Controls  
Product C Sampling Loc. F

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/ Pull Date	Container Size	Test(s) Requested
AVF140286-19	143 254	SWAB-ROBERTS JACUZZI COVER			ATRAZINE
AVF140286-20	143 255	SWAB-ROBERTS SLIDE			ATRAZINE
AVF140286-21	143 256	FOLIAGE-ROBERTS RIVERSIDE VEGETATION			ATRAZINE

REMARKS:  
**PRIORITY I**  
**ALL SWABS = 100cm<sup>2</sup> SURFACE AREA**



**UNIVERSAL SAMPLE COLLECTION AND LABORATORY ANALYSIS REQUEST FORM**

Requesting Division/Agency/Firm **PESTICIDES**

Address  
475 NE BELLEVUE DR, SUITE 110 BEND, OR 97701

Phone 541-617-6073	Contact Person BRENT NICOLAS	Accounting Information 03653
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Source/Establishment/Registrant Name:  
Address: 5690 S Umpqua Road, Tiller, OR 97484 97484

Sampled At	Establishment/Lic. No.	Date/Time Collected 4/25/14 11:00 AM	Sample(s) Collected By BRENT NICOLAS
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Method of Sampling and Sample Preparation

**COLLECTED BY HAND**

Related Samples (14B236-256) 4227	Reason for Sampling ALLEGED OFF-TARGET MOVEMENT
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Date Received in Laboratory 4/29/14 845	Received By	Shipment Temperature Controls	
		Product	Sampling Loc. C F

Sample Number	Laboratory Number	Sample Type/Product/Brand	Code/Pull Date	Container Size	Test(s) Requested
NUF140286-22	14B 312	FOLIAGE - Paloma TREE LINE			ATRAZINE CLOPYRALID
NUF140286-23	14B 313	FOLIAGE - BUFFER STRIP			ATRAZINE CLOPYRALID
NUF140286-24	14B 314	FOLIAGE - APPLICATION SITE			ATRAZINE CLOPYRALID

**REMARKS:**

PRIORITY I

Sample #3 should start with Atrazine for Brent 5/15/14

History of Official Sample		1. SAMPLE NUMBER NUF140286-1	2. REGISTRATION NUMBER 146236
		3. PRODUCT Swab	
4. LABORATORY	CDA		
5. DATE RECEIVED	4-22-14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	Wickham		
16. ASSIGNED TO	Clayson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4-22-14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 by		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab area 100 square cm			

History of Official Sample		1. SAMPLE NUMBER NUF140286-2	2. REGISTRATION NUMBER 148237
		3. PRODUCT Swab - Valuch Garage	
4. LABORATORY	COA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	Wickman		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4/23/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 see		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab area 100 square cm			

History of Official Sample		1. SAMPLE NUMBER NUF140286-3	2. REGISTRATION NUMBER 14B257238
		3. PRODUCT Swab - Valuch Tarp	
4. LABORATORY	CDA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	GOOD		
10. CONDITION OF SEALS	UNBROKEN		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	C. Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Rec		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab area 100 square cm			

History of Official Sample		1. SAMPLE NUMBER NUF140286-4	2. REGISTRATION NUMBER 146258237
		3. PRODUCT Foliage - Valuch Driveway	
4. LABORATORY	COA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	GOOD		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	CD		
17. DELIVERED BY	J Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/22/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CD		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Primarily Grass			



History of Official Sample		1. SAMPLE NUMBER NUF140286-5	2. REGISTRATION NUMBER 148240
		3. PRODUCT Foliage - Valuch Pasture	
4. LABORATORY	COA		
5. DATE RECEIVED	4-22-14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11 C4		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	C. Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4-22-14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/22/14 RSB		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CD		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Primarily Grass			

History of Official Sample		1. SAMPLE NUMBER NUF140286-6	2. REGISTRATION NUMBER 140286-241
		3. PRODUCT Foliage - Valuch Fenceline	
4. LABORATORY	COA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	GOOD		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11 C4		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	J. Brown		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/22/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CD		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Crabapple			

History of Official Sample		1. SAMPLE NUMBER NUF140286-7	2. REGISTRATION NUMBER 140242
		3. PRODUCT Swab - Bucknell Greenhouse	
4. LABORATORY	COA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	PH 24		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	W. Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab area = 100 square cm.			

History of Official Sample		1. SAMPLE NUMBER NUF140286-8	2. REGISTRATION NUMBER 14B243
		3. PRODUCT Foliage - Bucknell Front Yard	
4. LABORATORY	CDA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Breun		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11C4		
15. ASSIGNED BY	R. Williams		
16. ASSIGNED TO	G. Johnson		
17. DELIVERED BY	J. Breun		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CAD		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Primarily Grass			

History of Official Sample		1. SAMPLE NUMBER NUF140286-9	2. REGISTRATION NUMBER 140244
		3. PRODUCT Foliage - Bucknell Pasture	
4. LABORATORY	ODA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	6000		
10. CONDITION OF SEALS	1 START		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11 C4		
15. ASSIGNED BY	William		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDJ		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Primarily Grass			

History of Official Sample		1. SAMPLE NUMBER NUF140286-10	2. REGISTRATION NUMBER 14B245
		3. PRODUCT Swab - Bucknell Truck	
4. LABORATORY	3DA		
5. DATE RECEIVED	4-22-14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	UNTOUCHED		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11C4		
15. ASSIGNED BY	W. Williams		
16. ASSIGNED TO	C. Gibson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4-22-14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab area = 100 square cm.			

History of Official Sample		1. SAMPLE NUMBER NUF140286-11	2. REGISTRATION NUMBER 148246
		3. PRODUCT Swab - Satellite Dish	
4. LABORATORY	00A		
5. DATE RECEIVED	4-22-14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	0000		
10. CONDITION OF SEALS	132246		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4-22-14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/29/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square centimeters			



History of Official Sample		1. SAMPLE NUMBER NUF140286-12	2. REGISTRATION NUMBER 14B247
		3. PRODUCT Foliage - Front Yard	
4. LABORATORY	CDA		
5. DATE RECEIVED	4.22.14		
6. RECEIVED BY	JBwan		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	0000		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	C. Johnson		
17. DELIVERED BY	JBwan		
18. DATE DELIVERED	4.22.14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 RSH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CAD		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Primarily Grass			

History of Official Sample		1. SAMPLE NUMBER NUF140286-13	2. REGISTRATION NUMBER 140248
		3. PRODUCT Foliage - Riverside Vegetation	
4. LABORATORY	CDJ		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	G. Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDJ		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage - Mixed			

History of Official Sample		1. SAMPLE NUMBER NUF140286-14	2. REGISTRATION NUMBER 14B249
		3. PRODUCT Swab - Paloma cottage	
4. LABORATORY	CDA		
5. DATE RECEIVED	4-22-14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	GOOD		
10. CONDITION OF SEALS	1. INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11C4		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4-22-14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square centimeters			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		3. PRODUCT Swab - Paloma pavilion	
4. LABORATORY	CDA		
5. DATE RECEIVED	4.22.14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	4.22.14		
14. PLACE STORED	F1104		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	C. Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4.22.14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square centimeters			

History of Official Sample		1. SAMPLE NUMBER NUF140286-16	2. REGISTRATION NUMBER 14B251
		3. PRODUCT Swab - Tarp	
4. LABORATORY	CDA		
5. DATE RECEIVED	4.22.14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	100%		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F110-4		
15. ASSIGNED BY	Whelan		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4.22.14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 see		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square centimeters			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		3. PRODUCT Foliage - Paloma yard	
4. LABORATORY	CDA		
5. DATE RECEIVED	4.22.14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	Albrowman		
16. ASSIGNED TO	C Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4.22.14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDS		
24. PLACE STORED	F11 04		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage = Grass			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		3. PRODUCT Foliage - Paloma riverside	
4. LABORATORY	CDA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	GOOD		
10. CONDITION OF SEALS	UNBROKEN		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	FILE 4		
15. ASSIGNED BY	Wickman		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/23/14 ABY		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDS		
24. PLACE STORED	FILE 4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage = Grass			



History of Official Sample		1. SAMPLE NUMBER NUF140286-19	2. REGISTRATION NUMBER 40257
		3. PRODUCT Swab = Roberts jacuzzi cover	
4. LABORATORY	POA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	FILE 4		
15. ASSIGNED BY	W. Johnson		
16. ASSIGNED TO	W. Johnson		
17. DELIVERED BY	J Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Lee		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square cm			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		3. PRODUCT	
		NUF140286-20	140286
		Swab = Roberts slide	
4. LABORATORY	CD4		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	JBrown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11C4		
15. ASSIGNED BY	W. Williams		
16. ASSIGNED TO	L. Johnson		
17. DELIVERED BY	JBrown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	4/24/14 Let		
22. DATE RESEALED	consumed		
23. RESEALED BY			
24. PLACE STORED			
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Swab Area = 100 square cm			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		3. PRODUCT	
		NUF140286-21	140286
		Foliage - Roberts riverside vegetation	
4. LABORATORY	CDA		
5. DATE RECEIVED	4/22/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/18/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1104		
15. ASSIGNED BY	Wickman		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/22/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	1/23/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDJ		
24. PLACE STORED	F11 C4		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage = Alder			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		140286-22	140310
4. LABORATORY	CDA		
5. DATE RECEIVED	4/29/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/25/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11 B5		
15. ASSIGNED BY	Whitman		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/29/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	5/7/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDA		
24. PLACE STORED	F11 B5		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage primarily salal			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		140286-23	140313
		3. PRODUCT Foliage - Buffer Strip	
4. LABORATORY	CUA		
5. DATE RECEIVED	4/24/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Good		
10. CONDITION OF SEALS	Intact		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/25/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F1135		
15. ASSIGNED BY	Webster		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/29/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	5/7/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CAJ		
24. PLACE STORED	F11 B5		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage primarily vine maple			

History of Official Sample		1. SAMPLE NUMBER	2. REGISTRATION NUMBER
		140286-24	14B314
		3. PRODUCT Foliage - Application strip	
4. LABORATORY	8.04H		
5. DATE RECEIVED	4/25/14		
6. RECEIVED BY	J. Brown		
7. RECEIVED FROM	Brent Nicolas		
8. SENT VIA	UPS		
9. SAMPLE CONDITION	Green		
10. CONDITION OF SEALS	INTACT		
11. SEALED BY	Brent Nicolas		
12. DATE SEALED	4/25/14		
13. PIECES RECEIVED	1		
14. PLACE STORED	F11 BS		
15. ASSIGNED BY	Wheeler		
16. ASSIGNED TO	Johnson		
17. DELIVERED BY	J. Brown		
18. DATE DELIVERED	4/29/14		
19. NUMBER SUBS RECEIVED	1		
20. SUBS ANALYZED	1		
21. DATE SEAL BROKEN	5/7/14 RBH		
22. DATE RESEALED	5/27/14		
23. RESEALED BY	CDJ		
24. PLACE STORED	F11 BS		
25. DATE JACKET SENT OUT			
26. REMARKS: PRIORITY 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> Hold <input type="radio"/> Other <input type="radio"/> Foliage broadleaf plants			