



State of Oregon
Department of
Environmental
Quality

DEQ Solid Waste Program

LANDFILL INSPECTION

FACILITY:	Riverbend Landfill		
COUNTY:	Yamhill	PERMIT NO:	345
INSPECTOR(S):	Bob Schwarz	INSPECTION DATE:	Nov. 10, 2015
	Start time:	10:35 am	End time: 12:25 pm
Site Weather Conditions: Cloudy, low 40s F			
Facility Representatives:	Tim Watson, Jeff O'Leary, Jim Chabot		
Inspection type:	Announced		
Facility Type:	MSW Landfill		

INSPECTION SUMMARY:

- 1. Phase 1B MSE berm.** Construction has been completed. See photo 1.
- 2. Repair of perimeter berm where soil sloughing was observed.** Soil sloughing had occurred at two locations along the northern portion of the perimeter berm. Repair work at these areas has been completed. See photo 9.
- 3. Odors.** Similar to past inspections: I checked for odors offsite and several locations along Highway 18. I did not detect odors. I did notice odors while standing on and next to the landfill.
- 4. Offsite mud and litter.** Road conditions and roadside litter were not significant near the landfill. Litter collecting was ongoing when I arrived. A significant amount of litter was observed along the roadway just north of the intersection with Hwy 18, approximately 1 mile north of the site. This is just beyond the stretch of Highway 18 over which the landfill does litter collection.
- 5. Birds.** The number of birds at the landfill was significantly higher than during previous inspections in 2015. See photo 7. Falconer was onsite today. Bird numbers were lower, however, than during fall visits in previous years. Bird numbers appear to be seasonal, and are greatest during harvest time.
- 6. Landfill cover.** Seeding of landfill surface was in progress during my inspection. Vegetation quantity continues to improve. Because of past erosion on the north slope, landfill staff are still sending stormwater runoff from north surface of the landfill to the leachate pond as a precaution, rather than discharging it as stormwater.

Bob Schwarz

DEQ Representative

November 13, 2015

Date

Photo Log:



Photo 1. Completed MSE berm. Guard rail was recently installed.



Photo 2. Soil stockpile area, looking southwest. This is the location of proposed Module 11.



Photo 3. Leachate pond. There was approximately 10 feet of freeboard (vertical distance from top of berm to liquid) during the site inspection.



Photo 4. Waste disposal in Module 9. The landfill also had a working face closer to the top of the landfill, but landfill staff said they are planning to close this by the

end of the week and move all waste disposal operations to the bottom of Module 9.



Photo 5. Placement of “operations layer” soil. Backhoe places soil on a sacrificial sheet of geomembranes. The sheet is removed before waste is placed on the soil layer.



Photo 6. Second working face, closer to the top of the landfill.



Photo 7. Birds visible in background. Bird numbers are higher than previously observed in 2015. The amount of birds appears to be lower than this time last year. Late fall has been the time of greatest number of birds. This is presumably related to harvest time on nearby farms.



Photo 8. New gas wells installed along north side of landfill. These are more shallow (approx 50 feet deep) and smaller diameter (2 inches) than typical gas wells. These wells, which can be installed more inexpensively than typical wells, are intended to remove gas closer to the landfill surface, and are intended to complement the existing gas collection wells. Forty four such wells were installed, beginning in August 2015.



Photo 9. Area where soil sloughing was observed on north side of landfill. Soft soil was removed and replaced with compacted more granular soil. A rip-rap buttress was installed at the toe of slope.