



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:	Sept. 9, 2015
	Start time:	10:05 am	End time: 12:25 pm
Site Weather Conditions: Sunny, 80s F			
Facility Representatives:	Tim Watson, Jeff O'Leary		
Inspection type:	Unannounced		
Facility Type:	MSW Landfill		

INSPECTION SUMMARY:

This inspection focused on construction of Phase 1B of the MSE berm (mechanically stabilized earthen berm), and repair of northern portion of perimeter berm, where soil had sloughed. Key observations.

- 1. Phase 1B MSE berm.** No problems noted. Construction activities are shown in the attached photos 1, 2, 3, and 5. Waste Management's consultant is preparing the construction quality assurance report for this work. Landfill personnel stated that submittal of this report to DEQ is scheduled for the first week of October.
- 2. Repair of perimeter berm where soil sloughing was observed.** Soil sloughing was noted at two locations along the northern portion of the perimeter berm. Repair is being done at the western of these two spots. This work is based on recommendations made in a November 19, 2014 report by Geosyntec. Status of this work is documented in photo 12 below. Repair work in this area is expected to be completed within 1-2 weeks.
- 3. Odors.** 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.** Litter and mud on roads were not significant near the landfill, and were comparable to what I observed several miles away.
- 5. Birds.** The number of birds at the landfill was much lower than last year at this time. I suspect this may be due to the reduced size of the working face.
- 6. Landfill cover.** Additional soil cover has been placed over portions of the north slope. Seeding was being done along the south slope. Grass cover should be monitored during the next inspection to determine the effectiveness of recent seeding.

Bob Schwarz

DEQ Representative

Sept. 10, 2015

Date

Photo Log:



1. Installing liner over Phase 1B of the MSE berm (1 of 3).



2. Installing liner over Phase 1B of the MSE berm (2 of 3).



7. Installing liner over Phase 1B of the MSE berm (3 of 3).



8. View of former north poplar field, where Waste Management plans to build a new landfill cell (Module 11). This photo shows the status of vegetation growth in this area.



9. View of top of MSE berm phase 1B, looking north. Liner anchor trench is also shown.



7. Leachate riser pipes for Module 9. Active working face is shown in the distance.



8. Valves for controlling flow of leachate from Module 9 sumps to leachate storage pond.



8. Riser pipes from leachate collection system for Module 9.



9. View of landfill working face, Module 9.



10. View from top of landfill, looking SW. Leachate pond at left, Module 9 berm at right, in the distance.



11. Falconer and falcon in the distance. The falcons are used to discourage scavenging birds.



12. Repairs to the bottom of the landfill's north slope, where saturated soil had sloughed.



13. Stormwater pond. Because of erosion rills in the northwest portion of the landfill, stormwater coming off this part of the site is diverted from this stormwater pond to the leachate pond as a precaution. The pond's discharge pipe has been capped to prevent this water from leaving the site.