



State of Oregon  
Department of  
Environmental  
Quality

DEQ Solid Waste Program

**LANDFILL INSPECTION CHECKLIST**

<b>FACILITY:</b>	Riverbend Landfill		
<b>COUNTY:</b>	Yamhill	<b>PERMIT NO:</b>	345
<b>INSPECTOR(S):</b>	Bob Schwarz	<b>INSPECTION DATE:</b>	August 10, 2016
	<b>Start time:</b>	9 am	<b>End time:</b> Noon
<b>Site Weather Conditions:</b> partly sunny, 70s F			
<b>Facility Representatives:</b>	Jim Chabot, Jeff O'Leary, Nick Godfrey		
<b>Inspection type:</b>	Announced		
<b>Facility Type:</b>	MSW Landfill		
<b><u>INSPECTION SUMMARY:</u></b>			
<b>Inspection summary:</b>			
<p><b>Leachate seep.</b> Leachate seeps have been observed at three locations along the west and south sides. To address this prior to the fall rains, WM has constructed French drains in the soil cover in this area, to promote downward migration of this liquid. One of these drains is not draining quickly, so WM has installed a sump from which the liquid is piped to one of the main leachate sump riser pipes.</p>			
<p><b>Birds.</b> The number of birds has increased from what was observed during the previous site inspection, conducted on May 18, 2016. The birds observed are primarily starlings. Gulls were not seen.</p>			
<p><b>Trackout.</b> Some mud was observed on the paved road within the facility, near the site entrance. Some mud was also observed on the Highway 18 acceleration lane heading north from the site. I did not observe a road sweeper operating onsite, or on the acceleration lane, and suggested that more frequent sweeping be done. WM staff noted that they are in the process of modifying the wheel wash facility that sits along the road leading down from the top of the landfill. It was not operating during my visit. They plan to lower the structure's two sediment tanks to allow more volume for settling of sediment. This will presumably increase the wheel wash's efficiency.</p>			
<p><b>Odors.</b> I did not notice odors from the landfill while driving around outside the property. Odors were also less within the property during my site inspection. Some odors were observed near the leachate pond.</p>			
<p><b>Litter.</b> I did not observe litter on the roads near the landfill.</p>			
<p><b>Recyclables area.</b> I observed some trash on the ground near the recyclables roll-off boxes. WM staff noted that this had fallen from a box that had just been removed, and staff would collect this trash and take it to the landfill.</p>			
<p><b>Concrete containment for controls at Module 9 riser pipes.</b> During my previous inspection, I observed that</p>			

flexible hose was connected from the air pressure relief valve to the containment area, because leachate was escaping from this pipe. WM had said in May that this would be repaired. This has not yet been done. The leachate is contained within the concrete structure and piped from there to the leachate pond. However, relief valve should be repaired to address this issue.

**Gas management system construction.** Work is underway to install additional gas collection wells and related piping. This will include approximately 24 new wells. Work is expected to be completed in approximately 6 weeks.

Bob Schwarz

August 15, 2016

\_\_\_\_\_  
**DEQ Representative Signature**

\_\_\_\_\_  
**Date**

**Photo Log:**



View of access road leading to Highway 18 (debris on road is mainly cut grass; landscapers were working at the time).



Merger of access road with Highway 18. Some dirt and stones were observed in addition to cut grass. Road sweepers were not operating during my site visit.



Highway 18, looking north from site access road. Some soil and stones were observed on acceleration lane.



Trailer for recycled batteries



Trailer for recycling electronics.



Recycled scrap metal. Site staff noted that recyclers do not always pick up material quickly enough to address the quantity of materials brought to the site. Debris was observed next to this trailer.



Northwest corner of landfill, where additional cover soil was recently placed.



Sediment holding bins for storing sediment from wheel wash water. Waste Management plans to lower these tanks in the next few weeks to provide greater sediment storage volume, to improve the efficiency of the wheel wash.



Surplus tanks, along north side of landfill. Waste Management plans to remove these from the site.



Leachate control valves for Module 9 leachate management system. Small amounts of leachate in the air relief valve are directed to this concrete containment pad, and then piped to the leachate pond.



View of stormwater detention basin No. 2, in location of former north poplar field. Photo taken from top of MSE berm, looking west.