

RESPONSE TO LANDFILL OBSERVATIONS AND RECOMMENDATIONS PER ATC 2015 LANDFILL VISUAL SITE INSPECTION REPORT
Documented to meet 257.83(b)(5)

	DEFICIENCY/OBSERVATION	INSPECTION RECOMMENDATION #	COMPLETED CORRECTIVE MEASURE
1	Isolated areas of sparse vegetation.	Top of Landfill Partial Closure Area 1, 2 Landfill Sideslope Partial Closure Areas 1, 8 Inactive Landfill 1	Seed and fertilize areas.
2	Areas of standing / ponded water.	Top of Landfill Partial Closure Area 2 Landfill Sideslope Partial Closure Areas 2, 9 Inactive Landfill 3 Active Landfill 2	Re-grade where necessary and clean drainage pipes as appropriate.
3	Minor erosion gullies.	Top of Landfill Partial Closure Area 3 Landfill Sideslope Partial Closure Area 1 Inactive Landfill 1, 2 Sediment Basin 3, 4	Fill-in erosion gullies, then seed and straw.
4	Erosion around outlet end of downdrain pipe. Discharge from the downdrain pipe eroding the base of the perimeter ditch.	Landfill Sideslope Partial Closure Area 4	Re-shape the ground at the outlet end of the pipes, then put down rip-rap.
5	Deep erosion gullies and shallow sloughs along the steep slope of the newly constructed haul road.	Active Landfill 3	Built a terrace and re-graded the slope.
6	Seeps discharging from an isolated area on the south slope at a combined estimated rate of approximately one gallon per minute. Flow is collected in a piping system and discharged to the Capital Pond, which then routes the water through a treatment sytem.	Landfill Sideslope Partial Closure Area 2	Re-graded area and installed a rip-rap channel to direct seep water and storm water to the drainage system.
7	Seep on north slope near east end of landfill. Water is collected and conveyed in pipes to the Capital Pond.	Landfill Sideslope Partial Closure Area 6	Monitored weekly during visual inspections.
8	Animal burrows were noted in isolated locations.	Top of Landfill Partial Closure Area 4 Landfill Sideslope Partial Closure Areas 7	Repair animal burrows and monitor during weekly visual inspections.
9	Some of the diversion berms on the south side of the landfill discharge into downdrain pipes. The entrances to some of the downdrain pipes were overgrown causing obstructed flow into the pipes. Based on the presence of several small depressions both at some of the inlets to the downdrains and along the downdrain alignment, it appears that some water is flowing along the outside of the pipes causing a loss of ground at isolated locations.	Landfill Sideslope Partial Closure Areas 3	Weed eat at entrace of drainage structure. Install seep collar and refill soil, then seed and straw.
10	A collar connecting two segments of a downdrain pipe on the north side of the landfill has separated, causing the pipe ends to also separate. In addition, a portion of a corrugated plastic pipe that conveys water from a diversion berm, under an access road and into a riprap lined downchute, has been damaged and is no longer functioning as intended.	Landfill Sideslope Partial Closure Areas 5	Remove end of pipe and extend rip-rap area.

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11	<p>The edge of the exposed waste in the north end of Cell 17 is at approximately the same elevation as the final cover to the north. Surface water runoff from the waste piled at the north end of Cell 17 enters this area where it is detained. During a significant storm event it appears that water that has been in contact with the waste could be released onto the final cover slope to the north. At the time of this inspection, construction was in progress in this general area to regrade the waste and apply an interim cover.</p>	Active Landfill 1	<p>A drainage path from Cell 17 North to Cell 18 North was cut. Dirt was then brought in to construct a diversion berm.</p>
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