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Home of the Last Chance Mercantile

September 24, 2007

WILLIAM MERRY, P.E., DEE
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COUNSEL

Mr. Roger Briggs, Executive Officer
Central Coast Regional Water
Quality Control Board
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906

Attn: Dan Niles

RE: Annual Wet Weather Preparedness Report for Monterey Peninsula Landfill and Recycling Facility;
Waste Discharge Requirements Order No. R3-2006-0017

Dear Mr. Briggs:

Pursuant to Provision E.23 of the subject WDRs, we are submitting this Annual Wet Weather Preparedness Report for the Monterey Peninsula Landfill (MPL) and Recycling Facility.

The annual wet weather season preparedness site inspection of the MPL was conducted by the undersigned on September 24, 2007. The inspection revealed the following:

- Adequate surface drainage has been maintained on all surfaces of the MPL.
- Temporary berms have been placed on top of lifts, where needed, to divert surface water runoff around the active working face.
- Interim top deck and final landfill surfaces have been properly graded with a minimum slope of 3 percent to promote lateral runoff of precipitation and to prevent ponding of water over waste.
- Low areas where ponding of surface water could occur were not observed during the inspection.
- Final landfill side slopes have been constructed at a maximum grade of 3:1 (horizontal:vertical). Corrugated steel flume down drains have been installed where necessary to control storm water runoff.
- Most of the existing side-slopes are vegetated with grasses (currently dormant). Storm water runoff is not expected to cause significant erosion to these vegetated surfaces.
- As landfill areas are filled to long-term intermediate or final grade, the compacted cover is capped with composted biosolids/greenwaste and seeded to establish vegetation. These areas are track-walked with a dozer. It is anticipated that a thick stand of erosion control grasses will be established on the newly seeded slopes once the rain starts.
- All existing bench roads on the landfill have been graded to eliminate any low spots where storm water can pond and percolate into the landfill.

- Corrugated steel flume down drains have been placed to direct surface flows from the top deck of the landfill down to the perimeter drainage channels.
- There is no severe erosion of cover material, no major eroded swales or gullies, and no exposed waste.
- Storm drain culverts, over-side corrugated steel flumes, and drainage ditches are clear of debris and sediment, and are in good condition.
- All surface drainage and erosion control facilities are intact and functional.
- There is no evidence of scouring of soil at the outfalls of the levee road storm drain culverts.
- There are two on-site storm water detention ponds that act as very effective sediment traps to minimize discharge of sediment to the Salinas River. A temporary storm water detention pond is located to the south of Module 3, Phase II. This pond receives the interior site runoff and groundwater seepage from the 35-foot perched zone underlying the upland plateau. A permanent storm water detention/percolation pond is located on the northwest side of the site and receives runoff from the MRF, administration building, maintenance buildings, LFG building, Last Chance Mercantile, Household Hazardous Waste Collection Facility, and paved roads and parking areas. The two storm water ponds are routinely cleaned out of sediment and weeds to increase storage capacities, and are ready to receive storm water flows. The ponds are functioning as designed to limit sediment transport to the Salinas River.
- All three chambers of the Equipment Wash Rack Interceptor and the MRF Interceptor have been recently pumped.
- The paved roads around the MRF, shop, and administration building are cleaned with a street sweeper on a regular basis.
- Silt and debris have been removed from all storm water catch basins.
- On-site roads are in good condition. A wet-weather dumping pad has been prepared and is ready for use as needed.

Evaluation

An appropriate surface drainage and erosion control program has been prepared and implemented at the MPL and Recycling Facility. Measures have been taken to address the potential for erosion to cause sediment transport to downslope areas, ponding of rainwater, and exposed waste. Adequate surface slopes are maintained to promote lateral drainage and to prevent ponding of water over waste. Existing surface drainage and erosion control facilities are adequate and functioning as designed. As documented in the annual Storm Water Monitoring Report, dated June 18, 2007, the Storm Water Pollution Prevention Plan (SWPPP) for the MPL and Recycling Facility has been effective in minimizing environmental impacts due to storm water discharges.

Should any further documentation be required, please contact me at (831) 384-5313.

Sincerely,



Richard D. Shedden, P.E.
Senior Engineer

cc: Ted Terassas, Monterey County Health Department