MARYLAND DEPARTMENT OF THE ENVIRONMENT

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LAND MANAGEMENT ADMINISTRATION
Report of Observations

2003-WMF-0582 (Page 1)

Case# _____

Type of Inspection/Observations: Solid Waste - Landfill

Date MON 4/11/11

Site/Facility Name: Site B Municipal Landfill (LF) Vertical Expansion

Time In: 10:03AM

Location: 9031 Reichs Ford Road; Frederick 21704

Time Out: 2:20PM

Remarks: (Background) • See 3/30/11 report. I came back today to check on the Cell 3 internal leachate seeps (There was rain in the area Friday, and I believe, a light shower or two Saturday, but yesterday it was mostly dry. Today it is warm, dry and windy).

(Observations & Actions) • At the entrance to Cell 3, I see that the former leachate seep has been repaired. Fresh gravel has been put down which will help keep trucks from digging through the cover, and which will further help by facilitating infiltration of storm water. The repair is good. I pointed out to Bryan Stitely a very small (~7" x 4") spot of leachate further internal to the cell: NO ACTION IS REQUIRED ON THIS EXCEPT TO KEEP AN EYE ON IT, AND THIS ENTRANCE AREA IN GENERAL, TO MAKE SURE THERE IS NO THREAT OF LEACHATE RUNNING OUTSIDE OF THE CELL.

• There are two internal seeps that I would like the LF to address when field conditions permit (i.e, when the surface of the cell dries out sufficiently). One is ~mid-cell and is leaching a black leachate that is streaming NW over quite a long distance (>100 feet). I pointed this out to Bryan. Dan Fowler later told me that the LF plans to fill in this area probably within two weeks. I AM OK WITH THIS AS A WAY TO ADDRESS THE ORIGINATION AREA OF THIS SEEP. The other seep is one I've mentioned before. It is further NW, at the edge of the uppermost lift. It is also causing a long stream of dark colored leachate to flow and puddle in the storm water to the North and Northwest.

(Continued on p. 2)

Observer: James P. Wagner, REGIONAL INSPECTOR

Person Interviewed: [signature]

Form Number MDE/WAS/COM.030
Revision Date 08/29/03
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(Continued) Remarks: DAN FOWLER INDICATED THAT THE LF WILL ADDRESS THIS SEEP WHEN FIELD CONDITIONS ALLOW (I.e. WHEN THE SURFACE OF THE LF IS DRY ENOUGH). I AM OK WITH THIS AND AGREE THAT DISTURBING SOFT COVER (IN REACHING THE SEEP FOR REPAIR) COULD CAUSE ADDITIONAL INTERNAL SEEPS. The origin of this seep appears to be at the bottom of the previously repaired area at the edge of the uppermost lift. I pointed it out to Bryan Stately.

• Today, I also saw a Cell 2 leachate seep that is in a formerly repaired area on the NW face, along the W edge of the access road into the cell, near the bottom of the slope. I pointed this re-seep out to Jim Cornelly. Dan Fowler said the LF plans to dig this one today. YES, WITHIN 3 DAYS (BY THURSDAY 4/14/11), THE LF SHOULD ATTEMPT TO STOP THIS SEEP BECAUSE LEACATE IS RUNNING DOWN THE EDGE OF THE ACCESS ROAD TOWARD THE STORMWATER CHANNEL. The LF should be cautious in repairing this area because the edge of the liner is likely to be close by.

• Further West of this area, also in a formerly repaired area, I observed some sheen on water in the storm water channel. The sheen overlay is only ~3 feet long and a few inches wide. The area has been seeded and strawed; it's possible that this is a natural oily run-off perhaps leached out of the straw. I did not observe leachate upslope that could have run to this spot. I suggest that the LF get a conductivity reading on the storm water in this area. Please contact me with the results and evaluation. Further monitoring (IE, keeping an eye on the area) should be done, even if the conductivity reading is low.

Observer: James P. Wagner, REGIONAL INSPECTOR.

Person Interviewed: [signature]

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