

Lee, Brian [DNR]

Musc SDP

7D-SDP-D2-7S

From: Liegois, Laura <lliegois@muscatineiowa.gov>
Sent: Wednesday, October 30, 2013 4:26 PM
To: Lee, Brian [DNR]
Cc: Doug Luzbetak; Dick Doyle
Subject: Muscatine County Landfill - Erosion Issues
Attachments: MuscatineCoLandfill103013.pdf; photosfor 103013.pdf

Brian,

Attached is an update and photographs of the areas that have been addressed. Glad we got this taken care of before cold weather. As you will see we did some extra areas for seeding, which will be help with erosion on site in the future.

Let me know if you have any questions,

Thank you
Laura

Laura J. Liegois

Solid Waste Manager

Muscatine Recycling Center and Transfer Station

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October 30, 2013

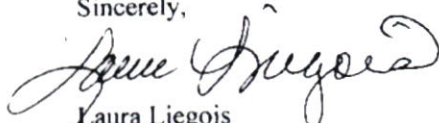
Dear Mr. Lee,

As we have discussed over the past several months areas at the Muscatine County Landfill that needed to have some attention to them for storm water and erosion prevention. I am writing this letter to you to update you that our site has taken care of the areas of concern as we discussed. We also added a few items to the list of things to do to prevent future erosion issues on our site.

1. The large rill on Ravine Five has been filled in and has been properly seeded. A straw/compost blanket was added to the area to give extra coverage to prevent erosion during the growth period.
2. The area to the east of the landfill along the fence line that had issues in the past of sediment or could have future problems has had rock added to the area. This is preventing sediment from leaving our site.
3. An area further down the East side of the landfill fence line had rock added to it to prevent sediment from leaving.
4. While we had a seeding technician on site to handle seeding, we had the upper berm of the current landfill cell seeded to prevent erosion. We will be moving landfill operations into the lower part of the cell for winter and did not want to leave it exposed to have future problems.
5. We also had filled in some erosion issues along the upper haul road area and seeded the area.

Photographs area attached with this update of the areas discussed. Please feel free to contact me if you have any questions.

Sincerely,


Laura Liegois
Solid Waste Manager

Cc: File
Doug Luzbetak – HLW Engineering

"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain





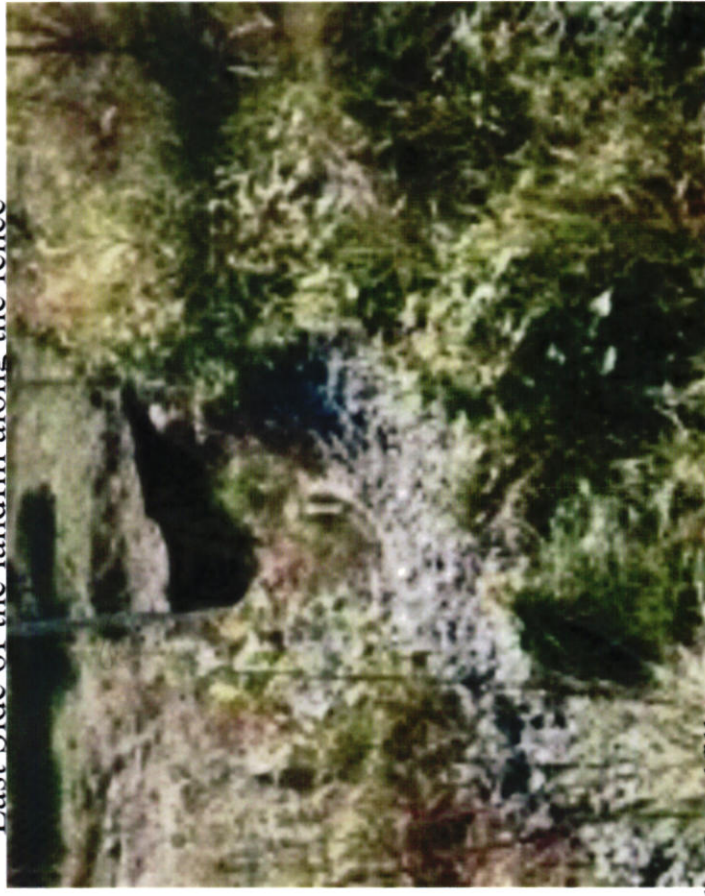
Ravine 5 - Filled in and



East Side of the landfill along the fence



East side of the Landfill





Upper Berm in Phase Four Landfill Cell



Upper Haul Road

