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RECYCLING CENTER AND TRANSFER STATION

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Iowa Department of Natural Resources
Field Office #6
Kurt Levetzow
1023 W. Madison St.
Washington, Iowa 52353

April 18, 2014

Dear Mr. Levetzow,

I am responding to your letter that was written on April 3, 2014 and the telephone conference call that was held on April 11, 2014 in regards to several issues at the Muscatine County Landfill.

The telephone conference that was held on April 11, 2014 with Amie Davidson (IDNR), Mike Smith (IDNR), Doug Luzbetak (HLW Engineering), you, and I in regards to the liner on the upper slope of Phase Four. The discussion focused on the area that is approximately 20ft. across from the edge of the landfill cell that has not been covered with waste yet. It was decided that it is best for all parties involved in this conversation that we leave this area uncovered until our next landfill cell construction. When the FML liner company is onsite for installation of the liner in Phase five, they can review the condition of the liner.

This decision works out better for our operations with our lower haul road into the landfill cell, the side slope of this area, and all around operations. As we discussed in our phone conversation, large old off road tires will be placed on the edge of this area to designate that no waste is to be placed in the area. Mr. Levetzow also said he would inform the other field office inspectors that this area will not have waste placed on it or will need to have the drainage layer(sand) replaced on it until after construction/inspection of the next landfill cell.

The rest of this letter addresses the issues that were presented in the April 3, 2014 letter.

Cover Material: The contract operator Dick Doyle Exvacating's staff is addressing the cover material issues of the powder paint residue drums that were exposed. The materials have been covered and I have enclosed a photo of the area.

In regards to the powder paint residue drums being disposed of at the Muscatine County Landfill, a policy has been put in place with the two businesses we receive this waste from. The policy is as follows:

Muscatine County Landfill Powder Paint Residue Disposal:

Powder paint residue barrels are only accepted on Thursdays at the Muscatine County Landfill. The Solid Waste Manager or designated staff must be notified the Wednesday before by noon if disposal is needed.

This policy will insure proper covering of the barrels when they are brought to the landfill for disposal. We have already received powder paint residue barrels at the landfill under this policy and it has been affective for our operations.

Yard Waste: The Muscatine Compost Site had numerous stumps that could not be ground up by the contractor who grinds tress at our site. During the fall of 2014, the large stumps were hauled out to the landfill. Majority of the stumps had a portion of the trunk of the tree on them due to how they excavated for large construction projects.

As it is stated in the Iowa Code 567 IAC 113.8 (1)(b)(13) yard waste is not allowed in a landfill. As according to the Iowa Code 567 IAC 100.2 Definitions, that yard waste does not include stumps. The issue we have with the stumps we put into the landfill is it depends on the definition on where the stump ends and the log or trunk of the tree starts. The photo of the pile that was included in the April 3, 2014 letter has been cleaned up and the stumps have been disposed of. A few pieces of tree debris have been removed from the area and will be hauled away in the near future. I have enclosed a photo of the area where the pile was before.

I do request that a definition be defined on the where the stump ends and the rest of the tree starts for future reference. I ask the request of this information, to put into place a policy for tree acceptance at the Muscatine Compost Site, to avoid further problems with stump disposal in the future.

Free Liquids: The material that has turned to liquid was the starch material from Grain Processing Corporation or GPC that had gone bad in their process. It is usually a gooey material. However, this time it had more of a liquid texture to it. It was to be mixed with their feed residue before landfilling. However, some loads came in wet, more than other loads. This material is not a common practice of GPC. It happens when there is a mishap in the operation.

I have spoke to Bruce Levasseur of GPC and he has assured me that this will not happen again. I have informed Mr. Levasseur that loads that come in wet, it will be rejected. I will view the first load of this material, if it comes to us again in the near future. If it does not meet the standard of

the paint filter test and has freestanding liquid, it will be rejected. GPC will have to add more bulking material to the load before we accept it.

Litter Control: This past winter has been very hard on the solid waste industry. I understand that litter is to be controlled by litter pick up daily or logging why it could not be picked up. The day of your visit, we had high winds and closed the site down early. The operator onsite keeps a daily book of operations and he does have written down the wind conditions and litter detail.

We have had litter crews out at the landfill all winter, when it was possible with the weather. The issue of the high winds that came up made the effort that was done just the few days before visit seem effortless. Litter has been picked up and we continue to make efforts to contain litter into the cell area, pick up on our property, and off site litter that may have come from our facility.

Postclosure Care Requirements: This past year our staff did not get to the small trees that had started to grow at the Muscatine County Landfill. During the summer/fall of 2011 and 2012, trees were removed. Our staff will remove the trees that have started to grow during the summer and fall of 2014, with a completion date of October 31, 2014.

If you have any questions in regards to my responses to the issues you addressed in the April 3, 2014 letter and the request of the stump issue, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Liegois", written over the printed name.

Laura Liegois

Solid Waste Manager

Cc: File

Amie Davidson – Iowa DNR – Des Moines, Iowa

Mike Smith – Iowa DNR – Des Moines, Iowa

Gregg Mandsager – City of Muscatine-City Administrator

Randy Hill – City of Muscatine- Public Works Director

DeWayne Hopkins- City of Muscatine – Mayor

Doug Luzbetak – HLW Engineering – Engineer of Record

Dick Doyle – Dick Doyle Excavating

Otis Reed – Dick Doyle Excavating