

G-0366-013A-02-02
December 7, 2018

Mr. Daniel Hall
MassDEP, Western Regional Office
436 Dwight Street
Springfield, Massachusetts, 01103

Re: **Goshen Landfill**
Corrective Action Design – Cap Repair
November 2018 Monthly Construction Report
SWM File # 18-108-004

Dear Mr. Hall:

In conformity with the Department's approval dated July 6, 2018 for the above referenced facility, the information contained herein is being submitted to specifically address Permit Condition 5 listed in the July 6, 2018 approval. The following is a summary of the items noted during our daily observation of the work and weekly site visits during the month of November 2018. Appended to this letter are representative photographs of the work.

- Deviations from Permit Requirements:
 - Completion of the cap repair by November 15, 2018.
- Actions taken to correct deviations in Permit requirements:
 - A Permit Extension Request of June 30, 2019 has been submitted to MassDEP.
- Schedules to correct identified problems:
 - C.D. Davenport to remove cap soils that had breached the erosion control measures during rain events in the spring when soils are no longer frozen
 - Sub drain piping above the west diversion berm is to be installed in the spring due to additional cap erosion areas that were observed during construction activities. A field sketch of the additional piping layout and installation detail were issued to C.D. Davenport on November 8, 2018.
- Significant work performed during the month:
 - C.D. Davenport extended the temporary access road with non-woven geotextile and crushed stone from the equipment access gate, along the plateau area of the landfill, to the top of the down slope swale.
 - New England Liner repaired the installed down slope channel liner, geocomposite, and diversion berm channel liner that C.D. Davenport cut during the removal of cap soils that had eroded into the down slope channel during rain events.
 - Vacuum testing on the welded seams of the repaired down slope and diversion berm channel liners – passed
 - C.D. Davenport removed eroded materials from the wooded area at the toe of slope and reinforced the staked bales and silt fencing.



- o C.D. Davenport placed plastic sheets and sand bags on the grass slope immediately above the active construction area as an erosion control measure.
- o C.D. Davenport completed placement of the stone in the westerly diversion berm and down slope swale.
- o C.D. Davenport notified the Town that they would be shutting down construction activities on November 15, 2018 for the winter but would be monitoring the site during the shutdown. C.D. Davenport to notify the Town and Tighe & Bond if any issues or changed conditions occur during the shutdown.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties both civil and criminal for submitting false information including possible fines and imprisonment.

If you should have any questions, or need additional information, please contact us.

Very truly yours,

TIGHE & BOND, INC.



Daniel J. Boulais, P.E.
Project Manager

Enclosures: Representative photos

Copy: Larry Hanson, MassDEP
Goshen Select Board
Goshen Conservation Commission
Kelly Taylor, MassDEP

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11/1/18: Placement of stone down slope swale



11/1/18: Extension of temporary access road at equipment access gate



11/5/18: Erosion in down slope swale following rain event. Down slope channel liner and geocomposite has been cut and folded back.



11/5/18: : Side slope of landfill cap in down slope swale following rain event.



11/5/18: Side slope of landfill cap in down slope swale following removal of eroded materials and repair to side slope.



11/6/18: Side slope of landfill and bottom of diversion berm following rain event and removal of channel liner and geocomposite



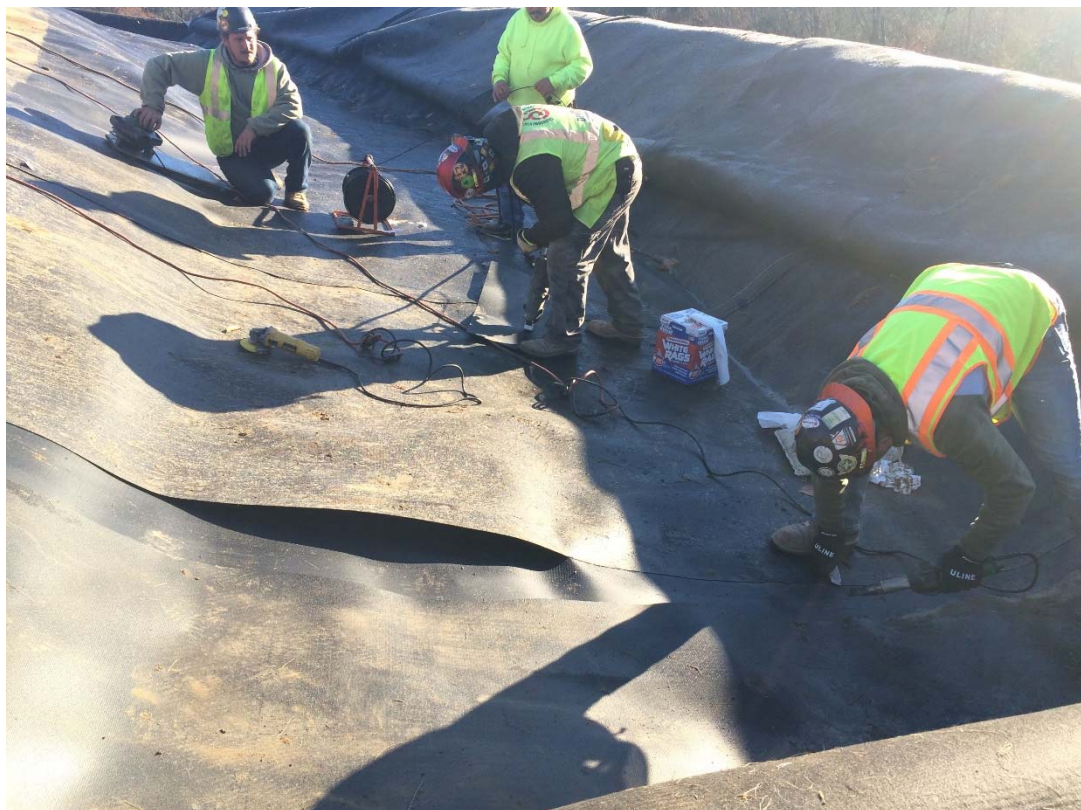
11/6/18: Diversion berm following removal of eroded materials and repair of drainage sand layer and side slope



11/6/18: Repaired toe of slope and erosion control barriers at bottom of down slope swale



11/7/18: Repairs to channel liner in down slope swale



11/7/18: Repairs to channel liner in diversion berm



11/8/18: Placement of stone in diversion berm following repairs to channel liners



11/9/18: Placement of stone in diversion berm following repairs to channel liners



11/9/18: Down slope swale and diversion berm following placement of stone



11/9/18: Diversion berm and down slope swale following placement of stone



11/14/18: Trench excavation for sub drain piping



11/14/18: Plastic sheets above diversion berm and down slope swale following placement of stone



11/15/18: Plastic sheets above diversion berm following placement of stone