

G-0366-013A
November 7, 2018

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

Re: **Goshen Landfill**
Corrective Action Design – Cap Repair
October 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 October 2018. Appended to this letter are representative photographs of the work.

- Deviations from Permit Requirements:
 - The 300-mil thickness geocomposite as called for in Permit Condition 7 was substituted for a 250-mil thickness geocomposite due to an expected delay in receiving 300-mil geocomposite on site.
- Actions taken to correct deviations in Permit requirements:
 - A request to allow for the use of 250-mil geocomposite in the downslope swale and diversion berms was submitted to MassDEP. Approval from MassDEP was received on October 19, 2018 for the use of 250-mil geocomposite in the downslope swale and diversion berms.
- Schedules to correct identified problems:
 - None to report
- Significant work performed during the month:
 - C.D. Davenport mobilized on site October 9, 2018
 - Completed installation of Erosion Control measures along toe of slope/edge of tree line
 - Surveyed limits of existing cap erosion areas
 - Removed cap soils within limits of proposed downslope swale
 - Removed existing grass lined swale west of downslope swale to the existing splash pad
 - Installed temporary access road with non-woven geotextile and crushed stone on the 3:1 slope for improved equipment access on the slope. The temporary access road will be removed before final completion of the project.
 - Completed grading of the diversion berm west of the downslope swale in preparation for installation of channel liner and geocomposite.



- o New England Liner repaired the damaged areas to the existing 40-mil landfill cap
- o New England Liner completed installation of the channel liner and geocomposite within the downslope swale and diversion berm west of the downslope swale
 - Air testing of all fusion welded seams in the 60-mil channel liners – passed
 - Vacuum testing of all extrusion repair welds - passed

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

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10/10/18: Installation of erosion control measures



10/17/18: Removal of cap soils within limits of downslope swale



10/18/18: Removal of cap soils within limits of downslope swale



10/18/18: Existing wrinkles in the existing 40-mil cap at toe of slope of proposed downslope swale



10/22/18: Completed removal of cap soils within downslope swale



10/23/18: Construction of diversion berm, west of downslope swale at intersection with existing splash pad



10/26/18: Construction of diversion berm, west of downslope swale at intersection with downslope swale



10/31/18: Extrusion welded patch repairs to existing cap



10/31/18: Installation of 60-mil channel liner in downslope swale



10/31/18: Installation of 60-mil channel liner in diversion berm west of downslope swale



10/31/18: Installation of 250-mil geocomposite in downslope swale



10/31/18: Installation of 250-mil geocomposite in diversion berm west of downslope swale