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March 23, 2012

DIN 16450

Date: 4/16/20012 JM

1304-MSWLF-1992

BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V

Mr. Edward F. Mussler III, P.E.
Permitting Branch Head
North Carolina Dept. of Env. & Natural Resources
1646 Mail Service Center
Raleigh, NC 27699-1646

**Re: CMS Landfill V
Facility Permit No. 13-04
2011 Facility Plan Update
HHNT Project No. 6703-455-01**

Dear Mr. Mussler:

This letter is being provided at your request, on behalf of BFI Waste Systems of North America, Inc., to explain the proposed updates to the Facility Plans at the subject facility. The current Facility Plan for this site was prepared by ESP Associates and Almes & Associates, Inc. and dated May 7, 2004. These plans incorporated future Phases 3, 4, & 5 into the overall facility plan. Since that time, the Construction Permit Application for Phase 3 has been submitted and approved by the Section. Construction of Phases 4 and 5 has not begun.

The purpose in updating the Facility Plans is to accomplish the following:

- Reduce impacts to the existing infrastructure contained within the future Phase 5 waste footprint.
- Adjust future Phase 4 waste footprint in order to avoid impacts to the recently mapped 100 year floodplain.
- Recapture the airspace lost from the items above by increasing the top elevation of the previously constructed areas.

These updates required the evaluation of the CMS LF V facility as a whole. Recapturing airspace on top of the previously constructed cells required evaluation of the entire leachate collection system with this additional waste to ensure this system would continue functioning as originally designed. The top slope on the eastern side of the LF has been graded at 12H:1V to shift the peak elevation on top of the landfill as far away from the adjacent neighborhoods as possible. Initially, incorporating all of these updates increased the permitted capacity approximately 8.7%.

During internal review of the updated plans, it was determined that the original closure limit used during this redesign was incorrect. The correct closure limits were established by survey verification and confirmed in the field by on-site personnel. Once the updated closure limit was confirmed, the final

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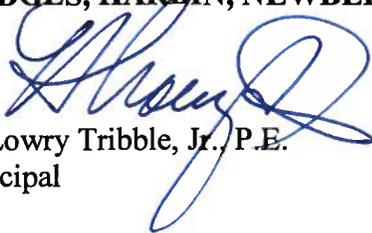
grades were revised to not only meet the three (3) criteria mentioned above, but to also avoid impacts to the previously closed areas. This new grading plan resulted in an increase in permitted capacity of approximately 9.8%.

Enclosed is a draft copy of the proposed Final Grading Plan from the updated Facility Plans for your reference. If the proposed updates are acceptable, a complete application, including updated Facility Plans, Narrative, and supporting calculations will be submitted to the Section for review and approval.

Should you have any questions, please call.

Sincerely,

HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.



H. Lowry Tribble, Jr., P.E.

Principal

HLTjr/am

Enclosure

cc: John Murray, P.E. (w/ enclosure)
Mike Gurley (w/ enclosure)
Bart Keller (w/ enclosure)
Hank Ludwig, P.E. (w/ enclosure)

