

January 23, 2023
File No. 23212007.11

Mr. Nicholas J. Schapman
GHD
9033 Meridian Way
West Chester, Ohio 45069

Subject: St. Bernard Landfill, Installation of Valve in Condensate Line

Dear Mr. Schapman:

On Thursday, January 19, 2022, SCS Field Services installed a PVC ball valve in the 4-inch ID PVC inlet piping for the condensate tank at the closed St. Bernard Landfill. SCS Engineers observed the installation. SCS Field Services provided a 2-man crew, a Caterpillar 305 tracked excavator, a vibrating plate compactor, the valve, and all other materials required for the installation of the valve. No issues were encountered during the installation. Photos documenting the installation are attached. Please let us know if you have any questions.

Sincerely,



Randall C. Mills, P.G.
Project Manager
SCS Engineers



James J. Walsh, P.E.
Project Director
SCS Engineers

RCM/JJW

cc: Tom Paul, Village of St. Bernard

Encl.



Closed St. Bernard Landfill
Village of St. Bernard
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Photo 1: Moving excavator to dig location.



Photo 2: Conduit for high level alarm exposed. Note that a scrap piece of conduit was placed in trench.



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Photo 3: Condensate line exposed.



Photo 4: Condensate line cut and 24-inch square of HDPE placed below line.

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Photo 5: Valve installed.



Photo 6: 10-inch ID sleeve of HDPE pipe placed over the valve.

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Photo 7: 4-inch PVC riser placed above valve. Annulus between 10-inch ID HDPE sleeve and 4-inch ID PVC riser filled with sand.



Photo 8: 4-inch ID PVC riser and 1 ½ inch ID PVC valve stem in place.

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Photo 9: Vibrating plate compactor used to compact backfill.



Photo 10: Vibrating plate compactor used to compact backfill.

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Photo 11: Preparing to place valve box.



Photo 12: Completed valve box.

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Photo 13: Combination seed/mulch placed on bare soil.