



Reid Engineering Company, Inc.

Environmental and Civil Engineering Consultants
• Wastewater • Water /Sewer • Reuse
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October 9, 2015



Ms. Molly Mackil, P.E.
Environmental Engineer IV
Surface Water Discharge Section
Division of Water
Dept. of Natural Resources and Environmental Control
89 Kings Highway
Dover, DE 19901

(P) 302-739-9946

SUBJECT: ALLEN HARIM - HARBESON DE - WWTS UPGRADE AND EXPANSION PERMIT REVIEW

Ms. Mackil:

Reid Engineering Company (REC) has received your review comment letter dated September 1, 2015 and have revised the Drawings accordingly. As a general comment response test pits were not performed to locate the existing below grade pipes. We have required the Contractor to locate the existing pipes by excavating test pits. It may be necessary to alter the current design during construction based the findings of the test pits.

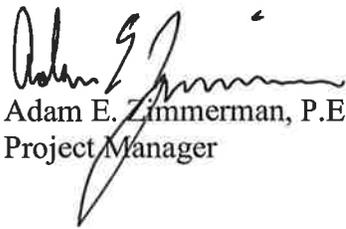
This project has been out Bid since the previous submission to your office and as such Drawing revisions have been issued through Addendums. Revision No. 1 pertains to the comments we received from your office in the review comment letter dated September 1, 2015. I have included the Addendums that have altered the Design or Specification for this project for your records. Structural and Electrical Drawings have been prepared however they have not been included in this review set.

I would also like to call your attention to the FEB Anoxic Reactor Effluent Pump Station. It was necessary to revise the design from the two 12 inch pumps to four 10 inch pumps. During the first phase of this project the pumps will discharge into the existing 12 inch force main. The second phase of this project will include the installation of a new 20 inch force main in which the pump station will utilize.

Attached please find one (1) copy of the revised Drawings; one (CD) containing the PDF file for the Drawings; one (1) copy of Addendums No. 1, 2, and 3; and one (1) revised copy of the FEB Anoxic Reactor Effluent Pump Station Application form.

Upon your review should you have any questions or comments please do not hesitate to contact me at 540-371-8500.

Respectfully,



Adam E. Zimmerman, P.E.
Project Manager

CC:
Jim Quinton-Allen Harim
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