



PITT-10-16-050

October 17, 2016

Project Number 212IC-PB-00136

Mr. Daniel B. Slagle
Chartiers Township Engineer
Nichols & Slagle Engineering, Inc.
333 Rouser Road
Airport Office Park
Building 4, Suite 600
Moon Township, Pennsylvania 15108-2773

Reference: Response to comments dated July 19, 2016
Houston Injection Station Site Plan
Stormwater Management & Floodplain Plan Review, resubmitted July 15, 2016
NSE No. P046-164 (g)

Dear Mr. Slagle:

We have reviewed the comments provided on the above referenced plan in your letter dated July 19, 2016. Our responses to the comments are provided below

Stormwater Management Review

1. Pursuant to Township Ordinance requirements, the proposed site plan is required to control the peak storm water discharge for the 2, 10, 25, and 100-year design storms. In accordance with the Stormwater Management Plan, the 2-year post-development peak flow (0.07 cfs) exceeds the pre-development peak flow (0.38 cfs). We understand that the existing wetland on site will attenuate this additional flowrate due to the reduction in water volume being directed through the wetland. **Provide calculation that supports this assumption and update the Peak Rate Table 3 in the Stormwater Management Report to reflect a reduction in the peak flow rate.**

Response: A calculation worksheet was added to Appendix E that supports this assumption.

2. Provide PaDEP/WCCD approval of the proposed E&S Control Plan and Stormwater Management Plan for Oil and Gas activities.

Response: The approval letter will be provided once it is received. Comments have been received from PADEP, which have been incorporated into the attached plans and report. A summary table describing the changes is attached to this letter for review.

3. Provide seal and signature of professional engineer responsible for preparing the plan on the cover of the Stormwater Management Report.

Response: The sealed report is included with this letter.

Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8591 or via email at tim.dunaway@tetrattech.com.

Sincerely,

Tim Dunaway
Project Manager

Enclosures: Site Development Plans
Site Restoration and Post Construction Stormwater Management Plan

Cc: Jodi Noble - Chartiers Township Manager
File 212IC-PB-00136