

## Carson, Megan

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**Subject:** FW: Houston Injection Comments

**From:** "Dunaway, Timothy" <[Timothy.Dunaway@tetrattech.com](mailto:Timothy.Dunaway@tetrattech.com)>

**Date:** November 11, 2016 at 3:30:23 PM EST

**To:** Rob Herring <[rherring@nichols-slagle.com](mailto:rherring@nichols-slagle.com)>

**Cc:** Dan Slagle <[dslagle@nichols-slagle.com](mailto:dslagle@nichols-slagle.com)>, "Smith, Bill" <[Bill.Smith@tetrattech.com](mailto:Bill.Smith@tetrattech.com)>

**Subject:** RE: Houston Injection Comments

Rob,

Apologies for the delayed response. Please see our answers to your questions below.

1. Table 3 of the PCSM Plan has been revised to indicate that the 2-year peak flow is being treated as described in the calculation now provided in Appendix E of the PCSM report. The revised PCSM report is attached for review.
2. The discrepancy was reviewed and the Site Development Plans were modified to be consistent with the drawings from Tetra Tech Rooney. The revised SDP is included as Appendix G of the Attachment.

Please let me know if you still have any questions related to this submittal.

Thanks,

Tim

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**From:** Rob Herring [<mailto:rherring@nichols-slagle.com>]

**Sent:** Friday, October 21, 2016 1:34 PM

**To:** Dunaway, Timothy <[Timothy.Dunaway@tetrattech.com](mailto:Timothy.Dunaway@tetrattech.com)>

**Cc:** Dan Slagle <[dslagle@nichols-slagle.com](mailto:dslagle@nichols-slagle.com)>; Smith, Bill <[Bill.Smith@tetrattech.com](mailto:Bill.Smith@tetrattech.com)>

**Subject:** RE: Houston Injection Comments

Tim,

We received the resubmitted Stormwater Management Plan for the Houston Injection Station Site Plan located in Chartiers Township, Washington County. Please clarify/respond to the following:

1. Please refer to the enclosed "Table 3: Pre-Development and Post-Development BMP Hydrology" from the SWMP. We believe that the proposed plan indicates that the post-development peak flow for the 2-year storm (0.70cfs) is still greater than the pre-development rate (0.38 cfs). Are we misunderstanding this? The SWMP must provide peak rate control for every design storm.
2. We have enclosed a copy of the site plan drawings received from Tetra Tech Rooney in response to our review letter dated July 19, 2016. On page 5 of the response letter, Tetra Tech indicated that Sunoco was to provide 1.5 feet clearance above the 100-year flood plain. However, there appears to be a one foot (1') discrepancy on the proposed pad elevation between the enclosed plans and the submitted stormwater management plans. Please reconcile this difference and update the SWM plans.

Should you have any questions, please do not hesitate to contact us.

Thanks,

**Rob Herring, E.I.T.**  
Senior Designer

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