

**From:** Chase Settle  
**To:** [Yu, Olivia, EMNRD](#)  
**Cc:** [Katie Parker](#); [Amber Griffin](#); [Bob Asher](#)  
**Subject:** Tenneco SWD System (Vince BGH #1)  
**Date:** Tuesday, March 14, 2017 3:11:47 PM  
**Attachments:** [image001.png](#)

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Ms. Yu,

I will be sampling using an Air Core Drilling Rig at the below listed location at 9:30 a.m. on Friday, March 17, 2017.

Tenneco Pipe Line System (Vince BGH #1)  
Section 30, T9S-R35E  
Lea County, New Mexico  
33.50109, -103.40025

Thank you,

***Chase Settle, M.S.***  
**Rep Safety & Environmental II**

**EOG Resources**

105 S. 4<sup>th</sup> Street  
Artesia, NM 88210  
575-748-4171 (Office)  
575-703-6537 (Cell)



**From:** Chase Settle  
**To:** [Yu, Olivia, EMNRD](#)  
**Cc:** [Oberding, Tomas, EMNRD](#); [Griswold, Jim, EMNRD](#); [Katie Parker](#)  
**Subject:** RE: Tenneco SWD System (Vince BGH #1) Work Plan  
**Date:** Wednesday, February 8, 2017 9:43:21 AM  
**Attachments:** [image001.png](#)

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Ms. Yu,

I'd like some clarification of the further sampling that you are requesting in the previous email. I'm interpreting the email to mean that you want me to punch through and create a conduit for contaminant migration through the impermeable/impenetrable rock layer, that is currently working as a natural barrier to contaminant migration, at 11 separate points (3 within the main body of the release and 8 along the east and west edges of the release) with an Air Core Drilling Rig since a rig that uses an auger system still will not be able to penetrate the rock formation underlying the release. And on top of that, to continue drilling for 10 additional feet at each one of these holes once the *unpublished* target chloride concentration of 250 mg/kg is found. We have already been unable to penetrate or bust through the rock layer with an excavator, so I want to be 100% sure on the sampling protocol that you are requesting.

Thank you,

*Chase Settle, M.S.*  
**Rep Safety & Environmental II**

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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Tuesday, January 31, 2017 2:49 PM  
**To:** Chase Settle  
**Cc:** Oberding, Tomas, EMNRD  
**Subject:** RE: Tenneco SWD System (Vince BGH #1) Work Plan

**\*\* External email. Use caution.\*\***

Dear Mr. Settle:

Thank you for the clarification. Based on your response, NMOCD requires that a complete delineation to the target chloride level of 250 mg/kg and maintained for 10 ft. further in depth for the release area and edges (excavation walls). There is no need to sample outwards from the

boundary (F + #) based on the analytical soil data.

Please let me know if you have questions.

Thanks,  
Olivia

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**From:** Chase Settle [[mailto:Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)]  
**Sent:** Monday, January 30, 2017 1:21 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Oberding, Tomas, EMNRD <[Tomas.Oberding@state.nm.us](mailto:Tomas.Oberding@state.nm.us)>  
**Subject:** RE: Tenneco SWD System (Vince BGH #1) Work Plan

Ms. Yu,

I completely understand the confusion with the extremely large set of sample points associated with this release. The EB and WB (East Boundary and West Boundary) samples were all taken at a 1' BSL depth, the "-1', -3', -5', etc." is the distance out from the open initial excavation. There is a large portion of the release area that is already excavated, so to find the remaining release edges (boundary) of impaction, I sampled out from the excavation wall. The F samples indicate that they were taken at the fence encompassing the excavation which we installed to prevent any livestock accidents within the excavation. I should also point out that the GPS map attached with the work plan is not the current open excavation, but the map of the impacted area after using the analytical results to set the boundaries. I know that there are a lot of results involved with the number of samples I took at this release site, so if I can help further don't hesitate to email or call me.

Thank you,

***Chase Settle, M.S.***  
**Rep Safety & Environmental II**

**EOG Resources**

105 S. 4<sup>th</sup> Street  
Artesia, NM 88210  
575-748-4171 (Office)  
575-703-6537 (Cell)



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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Monday, January 30, 2017 12:46 PM  
**To:** Chase Settle

**Cc:** Oberding, Tomas, EMNRD

**Subject:** RE: Tenneco SWD System (Vince BGH #1) Work Plan

**\*\* External email. Use caution.\*\***

Dear Mr. Settle:

Could you please provide an explanation about the sample IDs. I am confused about the depth description relative to Sample ID. I assume that your sample ID indicate depth of sample. For example EB3-5' = sample occurred at 5 ft. bgs. However, the depth column stated 1 ft. Does this mean that a representative sample at 5 ft. was taken over the length of a foot? What does F + # ft represent?

Thanks,  
Olivia

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**From:** Chase Settle [[mailto:Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)]

**Sent:** Friday, January 27, 2017 3:13 PM

**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>

**Cc:** Oberding, Tomas, EMNRD <[Tomas.Oberding@state.nm.us](mailto:Tomas.Oberding@state.nm.us)>

**Subject:** Tenneco SWD System (Vince BGH #1) Work Plan

Please find attached the work plan for the below listed location.

Tenneco Pipe Line System (Vince BGH #1)  
Section 30, T9S-R35E  
Lea County, New Mexico  
33.50109, -103.40025  
1RP-4530

Thank you,

***Chase Settle, M.S.***

**Rep Safety & Environmental II**

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