

## Bratcher, Mike, EMNRD

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**From:** Amy Ruth <aruth@diversifiedfsi.com>  
**Sent:** Monday, October 21, 2013 11:26 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** 2RP-1203  
**Attachments:** BOPCO PLU #123 - Site Diagram w Sample Data.pdf; BOPCO PLU #123 Groundwater Search TR.pdf

**Importance:** High

Hey Mike,

Please give me a call at your convenience to discuss this one...

This site was the first site DFSI worked on for BOPCO. Per BOPCO, the site was immediately excavated to 1.5' bgs before delineation began. We have some field data at 1.5' bgs (included on the site diagram). SP6 thru SP8 cleaned up very well at 1.5' bgs. Some field delineation continued in the whole area of SP1 thru SP5 and the site in this area was excavated to 3' bgs. The site was further delineated in the field by a now former employee via hand auger and backhoe. We are in the process of retrieving the field data, however, the data does show a general declination pattern in these areas after an initial chloride increase in the general range of 2' to 4' bgs. The attached plat depicts the available sample data.

Per BOPCO, after field sampling, the areas of SP1 thru SP5 were lined with reinforced 20 mil plastic and the site was backfilled. A PVC pipe was left in the area between SP4 and SP5. The PVC was bonded to the plastic liner in the event that drilling would be required here.

Jody wanted me to discuss this site with you, so that you can let us know whether you think the site will require drilling after all. I've attached one of our groundwater searches for your reference. The average depth to groundwater per the study is approximately 250' bgs. The NMOCD trend map shows groundwater at about 350' bgs in this area.

BOPCO is trying to schedule some sites for drilling and wanted to rule this one out if possible.

Thank you so much! Talk to you soon.

*Amy C. Ruth*

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*"Nothing will work unless you do." -Maya Angelou*

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# Site Diagram with Sample Data

