Bratcher, Mike, EMNRD

From: Lowry, Joel W <Joel.Lowry@terracon.com>
Sent: Tuesday, September 27, 2016 9:15 AM
To: fbanos@blm.gov; Bratcher, Mike, EMNRD
Subject: FW: Plains' Maljamar Station - Thursday Meeting Overview

Fernando,

I just relegalized that I hadn't copied you on this correspondence. Camille and I wanted to get a copy of the meeting notes out to everyone for approval before we began working out there again. If you have any questions or need any additional information, please feel free to contact me by phone or email. Upon your review and subsequent approval, we will proceed with remediation activities as discussed. Thanks.

Respectfully,

Joel W. Lowry
Project Geologist I | Environmental

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From: Lowry, Joel W
Sent: Friday, September 23, 2016 3:53 PM
To: 'Pair, Randal' <rpair@blm.gov>; 'mike.bratcher@state.nm.us' <mike.bratcher@state.nm.us>
Cc: 'Camille J Bryant' <CJBryant@paalp.com>
Subject: Plains' Maljamar Station - Thursday Meeting Overview

This email has been prepared in regard the Plains Pipeline's Maljamar Station environmental remediation site. On September 22, 2016, representatives of Plains Pipeline, the BLM and the NMOCD met to discuss remediation activities conducted to date, along with proposed activities designed to continue advancing the site toward an approved closure. During the meeting, Plains proposed the following:

- Advance the floor of the existing excavation in the areas represented by sample points Sec. B – Floor #6, Sec. C -11 Floor (S. Wall), Sec. C -14 Floor (S. Wall), Sec. C -14 Floor (SW. Wall), Sec. D -4, Sec. D-6 and Sec. D-9 to 14' bgs, or until concentrations of TPH are less than 7,500 mg/kg. Advance the floor of the existing excavation in the areas represented by sample points Sec. D -7 and D-11 to beyond 20 and 18' bgs, respectively.
- Excavated soil will be temporarily stockpiled on-site, before being treated with the existing screen machine and fertilizer spray rig, and placed into bio-piles. Existing and future soil stockpiles and associated bio-piles not posing a risk to affecting additional soils may be placed on portions of the remediation site without the use of a liner. Heavily impacted and/or saturated soil that may affect additional soils will be placed on an impermeable liner, if applicable.

- Upon advancing the floor of the existing excavation in the areas represented by sample points Sec. B – Floor #6, Sec. C -11 Floor (S. Wall), Sec. C -14 Floor (S. Wall), Sec. C -14 Floor (SW. Wall), Sec. D-4, D-6, D-9, D-7 and D-11, the excavation may be brought up to a grade of approximately 10’ bgs with treated soil exhibiting TPH concentrations that are less than 7,500 mg/kg.
- Upon bring the excavation up to the 10’ bgs grade, 20-mil poly liner will be placed in the floor of the excavation atop soil exhibiting BTEX and TPH concentrations above NMOCD Recommended Remediation Action Levels (RRAL). An approximate 6” layer of pad sand will be installed above and below the liner to help maintain its integrity during backfilling activities. This engineering control is designed to mitigate the vertical migration of contaminants left in-situ by shedding moisture to beyond the horizontal extent of the affected area.
- Upon placing the liner in the floor of the excavation, the excavation will be backfilled with treated soil exhibiting BTEX and TPH concentrations that are below the NMOCD RRAL.
- The final soil cover will consist approximately 2-3’ of locally purchased, non-impacted sand.

If you have any questions or need any additional information, please feel free to contact Camille or myself by phone or email. Thanks.

Respectfully,

Joel Lowry