

STATE OF
COLORADO

Sooner 13-16 Excavation Summary and Groundwater Investigation

Carter Peace <cpeace@tasman-geo.com>

Tue, Feb 3, 2015 at 10:25 AM

To: "Allison - DNR, Rick" <rick.allison@state.co.us>

Cc: "Axelson, John" <john.axelson@state.co.us>, Rachel Grant <rgrant@foundationenergy.com>, Mike Lindstrom <mlindstrom@tasman-geo.com>

Hello Rick,

As we discussed yesterday SP13@5' was incorrectly placed on the map to the west of the actual location, my apologies for the mistake. The excavation was advanced to the south due to the results of SP13@5' and SP18@5' was collected as a replacement confirmation sample.

Please see the attached revised soil sample location map and let me know if you have any questions,

Thank you,

Carter Peace

Operations Manager

Tasman Geosciences

6899 Pecos Street - Unit C

Denver, CO 80221

Cell 303 854 7337

Office 303 487 1228



From: Allison - DNR, Rick [mailto:rick.allison@state.co.us]

Sent: Monday, February 2, 2015 8:54 AM
To: Carter Peace
Cc: Axelson, John; Rachel Grant; Mike Lindstrom
Subject: Re: Sooner 13-16 Excavation Summary and Groundwater Investigation

Carter and Rachel,

Thank you for the results of the excavation at the Sooner Unit 13-16. Foundation can proceed with a ground water investigation at this location. A sufficient number of monitoring wells should be installed to define the extent of BTEX in ground water.

Please clarify whether the area where soil sample SP13@5' was collected was further excavated. Based on the figure and lab result, it appears that impact remains in this area.

In addition, consideration should be given to any additional impact created by the spill reported last Friday, January 30, 2015 in this area.

Regards,

Rick Allison, P.G.

Environmental Protection Specialist, Northeast Colorado



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On Fri, Jan 30, 2015 at 3:00 PM, Carter Peace <cpeace@tasman-geo.com> wrote:

Operator: Foundation Energy Management LLC

Site Legals: SWSW S16 T8N R58W 6PM

API #: 05-123-13452

Spill Tracking #: 2147376

Remediation Project #: 8549

Hello Rick,

On behalf of Foundation Energy (Foundation), Tasman Geosciences, Inc.(Tasman) is submitting this excavation summary and request for approval to conduct a groundwater investigation at the Sooner 13-16

location (Figure 1).

Soil excavation activities began 1/14/15 and were completed 1/20/15, a total of 640 Cubic Yards (CY) of contaminated soils were removed and transported to the North Weld Landfill in Ault for disposal, waste manifest copies will be provided at a later date. In total twenty six soil samples have been collected and analyzed for TPH-GRO, TPH-DRO, and BTEX constituents, 7 samples collected on or after 1/19/15 were analyzed for TPH-DRO only with COGCC verbal approval (Table 1). The final excavation extent and sample locations are illustrated on the attached Figure 2. Groundwater was encountered at a depth of twelve feet below ground surface (BGS) within the central portion of the excavation. A groundwater sample (GW01) was collected from this area which exceeded the COGCC Table 910-1 standards for BTEX constituents (Table 2).

Based on these results Foundation is requesting approval to conduct a groundwater investigation at the site consisting of the installation of six monitoring wells. Proposed well locations are shown in the attached Figure 3.

Please feel free to contact me with any questions about this project,

Thank you,

Carter Peace

Operations Manager

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 **Sooner 13-16 - Soil Sample Location Map-Figure 2.pdf**
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