

STATE OF
COLORADO

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

Sooner 13-16 Secondary Release Excavation Summary and Groundwater Investigation

Carter Peace <cpeace@tasman-geo.com>

Wed, Feb 25, 2015 at 9:30 AM

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

Cc: Rachel Grant <rgrant@foundationenergy.com>, Mike Lindstrom <mlindstrom@tasman-geo.com>

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 for the secondary release discovered on January 27, 2015 at the Sooner 13-16 location (Figure 1).

Soil excavation activities were completed February 2, 2015 whereby approximately 200 Cubic Yards (CY) of impacted material were removed and transported to the North Weld Landfill in Ault, Colorado for disposal, please see attached waste manifest copies. Six confirmation soil samples were collected from the final excavation extent and submitted to Summit Scientific Laboratory for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH) – gasoline range organics (GRO), and TPH – diesel range organics (DRO). Analytical results indicated constituent concentrations in the six soil samples were below COGCC Table 910-1 standards. The final excavation extent and sample locations are illustrated on the attached Figure 2. Soil analytical data is provided in the attached Table 1.

Groundwater was encountered in the excavation at approximately 12 feet below ground surface (BGS). A groundwater sample was not collected from the excavation area as residual dissolved phase concentrations were previously characterized during initial excavation activities.

Based on groundwater analytical results, a sub-surface investigation is required to define the extent of groundwater impacts on site. Consequently, Foundation is requesting approval to conduct a groundwater investigation and installation of ten temporary monitoring well locations. Proposed well locations are illustrated on the attached Figure 3.

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

Thank you,

Carter Peace

Operations Manager

Tasman Geosciences

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5 attachments



Sooner 13-16 Secondary Release Site Location-Figure 1.pdf
274K



Sooner 13-16 Secondary Release Soil Samples-Table 1.pdf
64K



Sooner 13-16 - Secondary Release Soil Sample Location Map-Figure 2.pdf
637K



Sooner 13-16 - Proposed Monitoring Well Location Map-Figure 3.pdf
640K



Sooner 13-16 - Secondary Release Waste Manifests.pdf
1194K