

RECEIVED*By Kellie Jones at 8:29 am, Nov 12, 2015***TETRA TECH****APPROVED***By Kellie Jones at 8:29 am, Nov 12, 2015***1. Ensure chlorides are tested.**

November 10, 2015

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
1625 North French Drive
Hobbs, New Mexico 88240

**RE: Initial Work Plan for the Globe Energy Services, Produced Water Release
Located in Unit I, Section 34, Township 21 South, Range 37 East, Lea County,
New Mexico. RP #3960**

Dear Ms. Jones:

Tetra Tech was contacted by Globe Energy Services (Globe) to assess a spill located in Unit I, Section 34, Township 21 South, Range 37 East, Lea County, New Mexico (Site). According to Globe, a produced water release occurred from frac tanks being stored on the south side of the Globe yard located in Eunice, New Mexico. The produced water migrated onto the adjacent property impacting the surface soils. No fluids were recovered and the volume of the fluids released is unknown. The GPS coordinates for the site are N 32.43356300 and W 103.14468400°. The site location is shown on Figures 1 and 2.

Groundwater and Regulatory

A risk-based evaluation will be performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. Based upon the risk based evaluation, the Site will be remediated to the appropriate RRALs.

Work Plan

Tetra Tech personnel will inspect, document the spill area and collect soil samples using a stainless steel, bucket type hand auger to evaluate the extent of subsurface impact at this site. Discrete soil samples will be collected at one foot intervals in order to properly define the extents of the impact. If delineation is not achieved, Tetra Tech will install shallow backhoe trenches or boreholes to define extents of the impact, with proper approval. Soil samples collected will be placed into laboratory supplied containers and

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4000 North Big Spring St, Ste 401 Midland, TX 79705

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com



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delivered to a laboratory under chain-of-custody control for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B and chloride by EPA method 300.0.

Once vertically defined, Tetra Tech will prepare a work plan detailing the results of the investigation along with recommendations for site remediation. The remediation plan then be submitted to the NMOCD for approval. If you have any questions or comments concerning the initial work plan, please call me at (432) 682-4559.

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Ike Tavarez, P.G.
Project Manager/Senior Geologist

cc: Tommy Morris -Globe
Kegan Boyer - Chevron



