



August 13, 2019

Omimex Petroleum, Inc.
Attn: Russell Riall
7950 John T. White Road
Fort Worth, Texas 76120

Re: Proposal for Additional Soil Sampling,
STATE 36-8-88 SWD #1 Pit

Dear Mr. Riall:

Based upon the recent Omimex Petroleum, Inc. (Omimex) request, NWCC, Inc. (NWCC) is pleased to submit this proposal to conduct additional soil sampling at a pit designated as STATE 36-8-88 SWD #1 Pit that is located at 40°36'34.0"N, 107°12'59.6"W and north of Hayden, Colorado. Additional soil sampling is required based upon Colorado Oil and Gas Conservation Commission (COGCC) personnel (Kris Neidel) observations of the facility during soil sampling conducted on July 17, 2019. Sampling during July was limited because the impoundment was flooded with approximately two feet of stormwater.

Based upon NWCC's understanding, COGCC is requesting sample collection of standing water and surface soil at the following locations.

- Impoundment Water: One surface water sample will be collected from standing water in the impoundment. The sample will be collected from an area exhibiting evidence of petroleum impact (e.g. sheen, odors).
- Impoundment Soil: Two soil samples will be collected from the impoundment bottom.
- Impoundment Outfall: Four soil samples will be collected along the first 500 feet of outfall structure, beginning approximately 125 feet from the impoundment.

COGCC will be contacted at least 72 hours before this second sampling event. Based upon our understanding, COGCC will meet NWCC at the pit site when sampling is conducted. Sample locations shall ultimately be determined on-site by COGCC.

The surface water sample will be collected by dipping the sample container into the liquid until the appropriate volume of sample is obtained. Pre-cleaned, disposable nitrile gloves will be donned before sample collection.

Before and after sample collection, the soil sampling device(s) shall be decontaminated using an Alconox and distilled water wash followed by two distilled water rinses. Six soil grab samples will be collected, two in the pit bottom and four along the outfall, from one to six-inches below ground surface (bgs). A hand trowel, shovel, or other appropriate device shall be used to collect the samples. In the event that standing water exists across the impoundment, a stainless-steel bucket auger will be used to obtain the two soil samples. The auger will be lowered through the water and advanced into the bottom clay liner.

The auger will be removed from the borehole and the soil sample recovered. The two ends of the sample will be trimmed and discarded to remove soil that was exposed to standing water. The soil sample will be placed into laboratory supplied containers.

Samples shall be collected directly from the sampling device into pre-labelled, laboratory supplied sample containers. The samples shall be placed on ice in a laboratory supplied cooler. Samples will be handled, stored, transported, and submitted to the analytical laboratory under chain-of-custody protocol. NWCC shall transport and submit the collected samples to ACZ Analytical Laboratories, Inc. (ACZ) of Steamboat Springs, Colorado. Sample analyses will be completed in approximately 21 days.

ACZ will analyze the samples for analytes summarized below.

- Surface water sample: Total petroleum hydrocarbons (TPH) for diesel range organic (DRO) compounds, total volatile hydrocarbons (TVH) for gasoline range organic (GRO) compounds, and benzene, toluene, ethylbenzene, and xylenes (BTEX).
- Two Impoundment Bottom Samples: COGCC Table 910-1.
- Four Outfall Samples: One sample COGCC Table 910-1 and three samples for BTEX, electrical conductivity, sodium adsorption ration, pH, and TPH for DRO.

As an exception, barium will not be analyzed based upon a September 25, 2018 communication with Kris Neidel of COGCC. ACZ will provide analytical services under contract with NWCC. Analytical reports will be submitted to Omimex, following receipt by NWCC.