

June 16, 2023

**Re: Soil Sampling Summary Attachment
Kerr-McGee Gathering, LLC
Dragoon Compressor Station
Form 27 Document # 403148791
Remediation # 15785
NENE Sec 8-T5S-R62W**

2019-2020 Subsurface Assessment

Between February 2019 and August 2020, nineteen soil borings (SB01 through SB19) and three replacement soil borings (SB03R, SB14R, and SB15R) were advanced at the site. Soil from the soil borings were continuously screened using a photoionization detector (PID). Based on the PID readings, soil samples with elevated readings were submitted for laboratory analysis of total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and total xylenes (BTEX). Select soil samples were further analyzed for naphthalene, pH, and specific conductivity (EC), as applicable. Laboratory analytical results for the soil samples indicated that TPH, BTEX, and naphthalene concentrations remain in place between approximately 1 ft bgs and 55.5 ft bgs. The extent of impacts has been delineated under Table 910-1 allowable levels.

2021 Subsurface Assessment

In September and October 2021, two additional soil borings (SB20 through SB21) and seven replacement soil borings (SB01R, SB03R2, SB10R, SB12R, SB14R2, SB15R2, SB18R) were advanced at the site. Based on the PID readings, soil samples with elevated readings were submitted for laboratory analysis of the full list of analytes in Table 915-1, per the January 15, 2021, rule changes. Laboratory analytical results for the soil samples indicate the extent of organic concentrations exceeding Table 915-1 standards have been delineated to the east, south, and west. Laboratory analytical results indicated inorganic levels exceeding Table 915-1 standards have not been delineated vertically or laterally. The soil boring locations and the estimated extents of soil exceeding Table 915-1 standards for organic and inorganic analytes are depicted on Figure 1 and Figure 2, respectively. The soil sample PID readings and analytical results are summarized in Table 1. The soil boring logs are included as an attachment.

Future Soil Sampling

Monitoring natural attenuation (MNA) sampling for May 2023 was cancelled due to wet surface conditions and rescheduled for July 25 and 26, 2023. The sampling results of which will be presented in the 2024 annual report. Sampling is scheduled for every other year starting in 2023.