

August 22, 2022

**Re: 2022 Third Quarter Summary
Kerr-McGee Oil and Gas Onshore, LP
P Ville Federal 5-7 Wellhead
Form 27 Document # 403124573
Remediation # 23002
NENE Sec 24-T3N-R66W**

Summary of Field Assessment Activities

Below is a summary of soil vapor field assessment activities completed since the previous eForm submittal on May 2, 2022 (Document Number 403034227).

During the P Ville Federal 5-7 wellhead plugging and abandonment work, four of the ten soil vapor points (SVPs) were destroyed. The destroyed SVPs were replaced by Ensolum, LLC (Ensolum) with SVP11 through SVP14 on July 8 and July 11, 2022.

On July 14, 2022, Ensolum returned to the site to screen and sample all SVPs using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a Landtec GEM™5000 (GEM). Samples collected from SVP02, SVP04, SVP06, and SVP08 through SVP14 were submitted to Isotech Laboratories (Isotech) for gas composition and isotopic analysis. During the field screening event, methane was detected by the GEM in SVP10 and SVP13. Analytical results were received on August 2, 2022. Levels of methane were detected in 3 of the samples ranging from 0.0006% to 1.05%. Hydrocarbons in the C2 to C5 range were only detected in soil vapor well SVP02 and SVP13. The tabulated field data and laboratory analytical results are included as Tables 3 and 4, respectively.

Additional SVPs are being proposed at the site. Proposed SVP locations are shown on Figure 1.