



August 15, 2023

Mr. Jake Janicek
Caerus Oil and Gas LLC
143 Diamond Ave
Parachute, CO 81635

RE PJ16 (PJ16 Dumpline Leak) – Q2 2023 Remediation Update
COGCC Facility ID 480346, REM 21016
NWSE, Sec. 16, T7S, R95W, 6th
Garfield County, Colorado

Mr. Janicek,

Entrada Consulting Group, Inc. (Entrada) was contracted by Caerus Oil and Gas (Caerus) to collect Soil Vapor Extraction (SVE) operations and maintenance (O&M) readings from the PJ16 site. This report includes data collected from a Caerus owned Solar SVE trailer that is utilized to introduce air flow and to collect volatile readings from established SVE wells on-site by Photoionization Detector (PID). Effluent readings were collected to observe available hydrocarbon changes over time. This analysis demonstrates air movement occurring within the subsoils at the screened intervals of the wells, allowing for subsurface air exchange to occur. The continuous air exchange via the bio-vent wells allows for naturally occurring bacteria to consume the TPH (GRO/DRO ranges) present within the subsoils. The following table demonstrates data obtained with the use of the Solar SVE pilot trailer in Q2 2023:

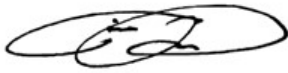
Table 1: PJ16 Solar SVE Trailer Hydrocarbon Removal						
Trailer	Date	Method	Hours Reading	PID Reading	Hours	Notes
Trailer 1	4/17/2023	SVE	2,775	4,000	0	
	5/24/2023	SVE	2,779	4,162	5	
	6/15/2023	SVE	2794.9	5000	16	
Q2 2023 hours						Average PID = 2,011 ppm

It is recommended to continue quarterly O&M readings on the associated wells installed for this remediation project.

If you have any questions pertaining to this project, please do not hesitate to contact me at 970.270.2986 or tdobransky@entradainc.com.

Sincerely,

ENTRADA CONSULTING GROUP

A handwritten signature in black ink, appearing to read 'TD', enclosed within a hand-drawn oval.

Tim Dobransky
Principal Scientist

Attachments:
Figure 1- Site Diagram