



November 22, 2023

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

**RE PJ16 (PJ16 Dumpline Leak) – Q3 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 Q3 2023:

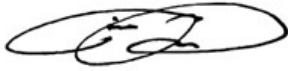
Table 1: PJ16 Solar SVE Trailer Hydrocarbon Removal (Q3)						
Trailer	Date	Method	Hours Reading	PID Reading	Hours	Notes
Trailer 1	7/17/2023	SVE	2,811.90	5,000	17	
	8/15/2023	SVE	2,831	5,000	19	
	9/20/2023	SVE	2,860.80	5,000	30	
Q3 2023 hours					66	Average PID = 5,000 ppm

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.

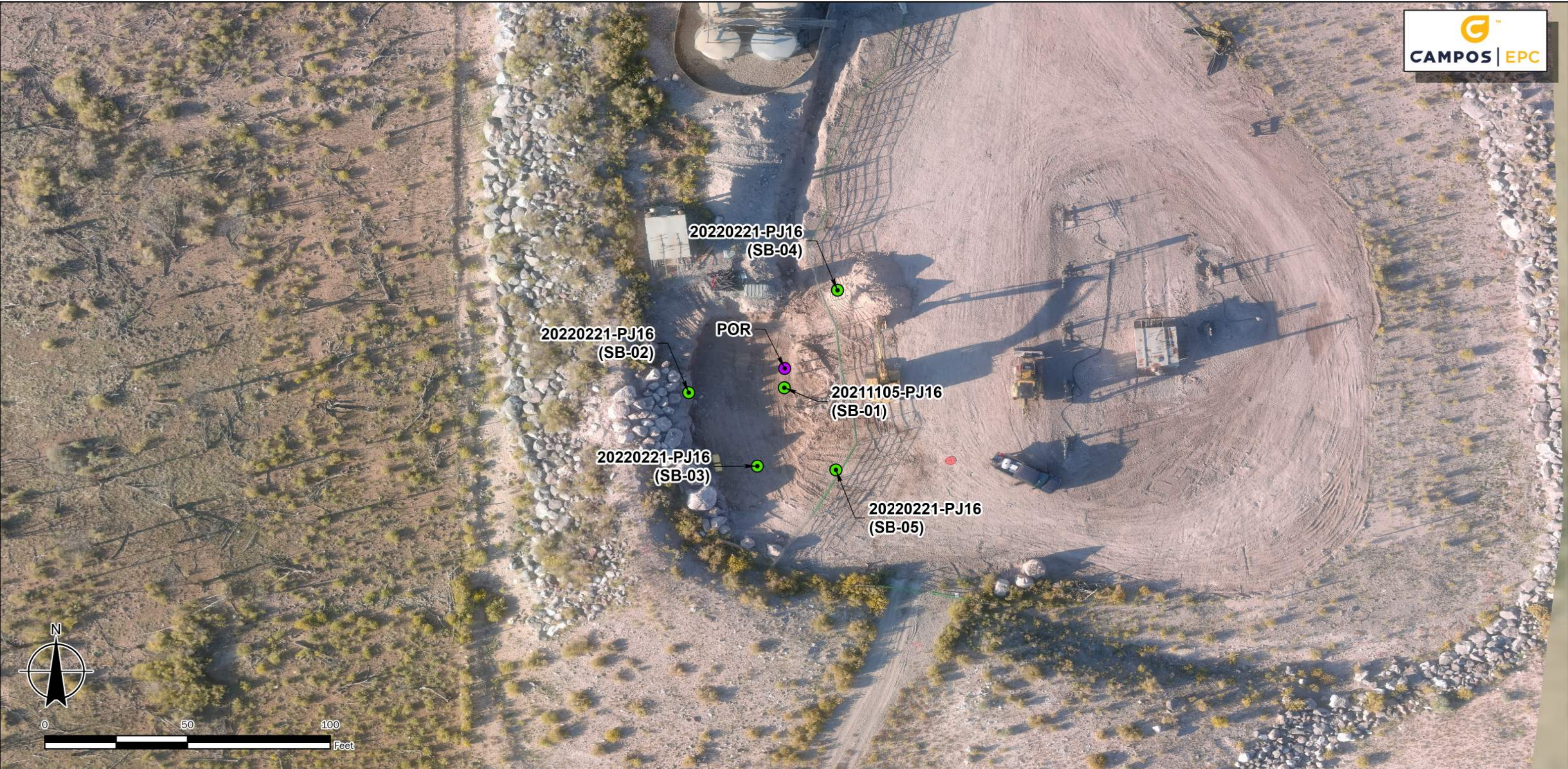
Sincerely,

ENTRADA CONSULTING GROUP

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

Tim Dobransky
Principal Scientist

Attachments:
Figure 1- Site Diagram



20220221-PJ16 (SB-04)

20220221-PJ16 (SB-02)

POR

20211105-PJ16 (SB-01)

20220221-PJ16 (SB-03)

20220221-PJ16 (SB-05)



PJ16
 SHORE-67S95W / 16NWSE
 COGCC LOCATION ID: 334656
 GARFIELD COUNTY, CO
 NWSE SEC. 16 T7S-R95W

- Legend
- Soil Boring Location
 - Point of Release

COORDINATE SYSTEM
 GCS NORTH AMERICAN 1983

DRAFTER: AP DATE: 2/25/2022

Identifier	Latitude NAD83	Longitude NAD83	Elevation
20211105-PJ16(SB-01)	39.434709	-108.001624	6063.60 ft
20220221-PJ16(SB-02)	39.434705	-108.001715	6063.01 ft
20220221-PJ16(SB-03)	39.434634	-108.001650	6063.56 ft
20220221-PJ16(SB-04)	39.434803	-108.001573	6064.04 ft
20220221-PJ16(SB-05)	39.434631	-108.001574	6062.93 ft
POR	39.434728	-108.001623	6061.41 ft

