



April 13, 2022

Mr. Blair K. Rollins  
Caerus Oil and Gas LLC  
143 Diamond Ave  
Parachute, CO 81635

**RE N23 Water Transfer System – Q1 2022 Remediation Update  
COGCC Facility ID 478403, REM 16594  
SESW, Sec. 23, T6S, R97W, 6<sup>th</sup>  
Garfield County, Colorado**

Mr. Rollins,

Entrada Consulting Group, Inc. (Entrada) was contracted to collect Soil Vapor Extraction (SVE) O&M readings from the N23 site. This report includes data collected from a Caerus owned SVE trailer that is utilized to determine 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 interval 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). The following table demonstrates data obtained with the use of the SVE pilot trailer in Q1 2022:

Date	Well	Start Time	Start PID	Stop Time	Stop PID	SCFM	Vacuum
3/23/2022	SVE01	1:15:00 PM	37.1	1:45:00 PM	12.9	130	8
	SVE02	1:15:00 PM	121.7	1:45:00 PM	110.7	130	9
	SVE03	1:15:00 PM	235.5	1:45:00 PM	278.6	130	9

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) 901-9007 or [mkasten@entradainc.com](mailto:mkasten@entradainc.com)

Sincerely,

**ENTRADA CONSULTING GROUP**

A handwritten signature in black ink, appearing to read 'Matt Kasten', written over a faint circular stamp.

Matt Kasten  
*Project Scientist*

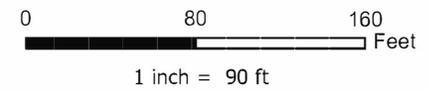
Attachments:  
Figure 1- Site Diagram

BKGND-1



**LEGEND**

- Boring Location
- Soil Sample Location
- Excavation



Project No: 020-051

Map By: NDB

Date: 7/7/2021

**N23 SITE MAP**  
CAERUS OIL AND GAS LLC  
SESW / SWSE SEC 23 T6S R97W 6TH PM  
GARFIELD COUNTY, COLORADO



330 Grand Avenue, Unit C  
Grand Junction, CO 81501  
970-579-1015

Figure

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