



October 7, 2024

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

RE H29A (N. Parachute-65S95W-29SENE) – Q3 2024 Remediation Update
COGCC Facility ID 335594, REM 7966
SENE, Sec. 29, T5S, R95W, 6th
Garfield County, Colorado

Mr. Rollins,

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 H29A site. This report includes data collected from a Caerus owned 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 interval 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 SVE pilot trailer in Q3 2024:

Date	Well	Start Time	Start PID	Stop Time	Stop PID	SCFM	Vacuum
8/30/2024	SVEE02	11:20:00 AM	2.2	11:50:00 AM	1.9	60	6
	SVEE03	11:20:00 AM	1.6	11:50:00 AM	1.6	60	5
	SVEE01	11:20:00 AM	1.1	11:50:00 AM	0.4	50	6
	SVEN03	11:55:00 AM	2.0	12:25:00 PM	1.7	60	6
	SVES02	11:55:00 AM	3.1	12:25:00 PM	3.6	50	5
	SVEMID01	12:30:00 PM	1.4	1:00:00 PM	0.9	50	6
	SVEN02	11:55:00 AM	2.5	12:25:00 PM	1.3	50	6
	SVEN01	12:30:00 PM	3.2	1:00:00 PM	2.8	60	6
	SVES03	12:30:00 PM	4.6	1:00:00 PM	4.1	60	6
	SVEW01	1:05:00 PM	3.9	1:35:00 PM	3.3	60	5
	SVEW03	1:05:00 PM	1.2	1:35:00 PM	1.5	60	5
	SVEW02	1:05:00 PM	1.5	1:35:00 PM	0.7	60	5

It is recommended to continue collecting 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 large, loopy oval stroke.

Tim Dobransky
Principal Scientist

Attachments:

Figure 1- Site Diagram