



ENSOLUM

August 8, 2024

Mr. Andy Verbonitz
Caerus Piceance, LLC
1001 17th Street #1600
Denver, Colorado 80202

Subject: Soil Sampling Summary
Caerus Piceance, LLC
Remediation Project Number: Not Assigned
RNPU 196-19B
Rio Blanco County, Colorado

Dear Mr. Verbonitz:

On August 5, 2024, initial soil sampling activities were conducted at the **RNPU 196-19B** location. One (1) soil sample was collected, (RNPU 196-19B-(POR)@0.5), at the point of release (POR) at a depth of approximately 0.5 feet below ground surface (bgs). The soil sample was field screened for volatile organic compound (VOC) concentrations using a photoionization detector (PID) and exhibited a reading of 37.0 ppm. The sample was submitted to Pace for analysis of the full Table 915-1 analytical suite with a standard turnaround request.

Additionally, four (4) background samples (XTBG-RNPU 196 19B-N@2.5, XTBG-RNPU 196 19B-E@2.5, XTBG-RNPU 196 19B-W@0.5 and XTBG-RNPU 196 19B-S@1.0) were taken in native soil outside interim reclamation areas. The samples were field screened for VOC concentrations using a PID and exhibited readings ranging from 0.6 ppm – 6.7 ppm. The samples were submitted to Pace for analysis of 915 Metals and Soil Suitability analytical suite with a standard turnaround request.

Site diagrams, photographic logs, field notes, and Chain of Custodies (COC) illustrating the activities for dates identified above are attached to this document. If you have any questions or need additional information, please do not hesitate to contact us.

Sincerely,

Ensolum, LLC

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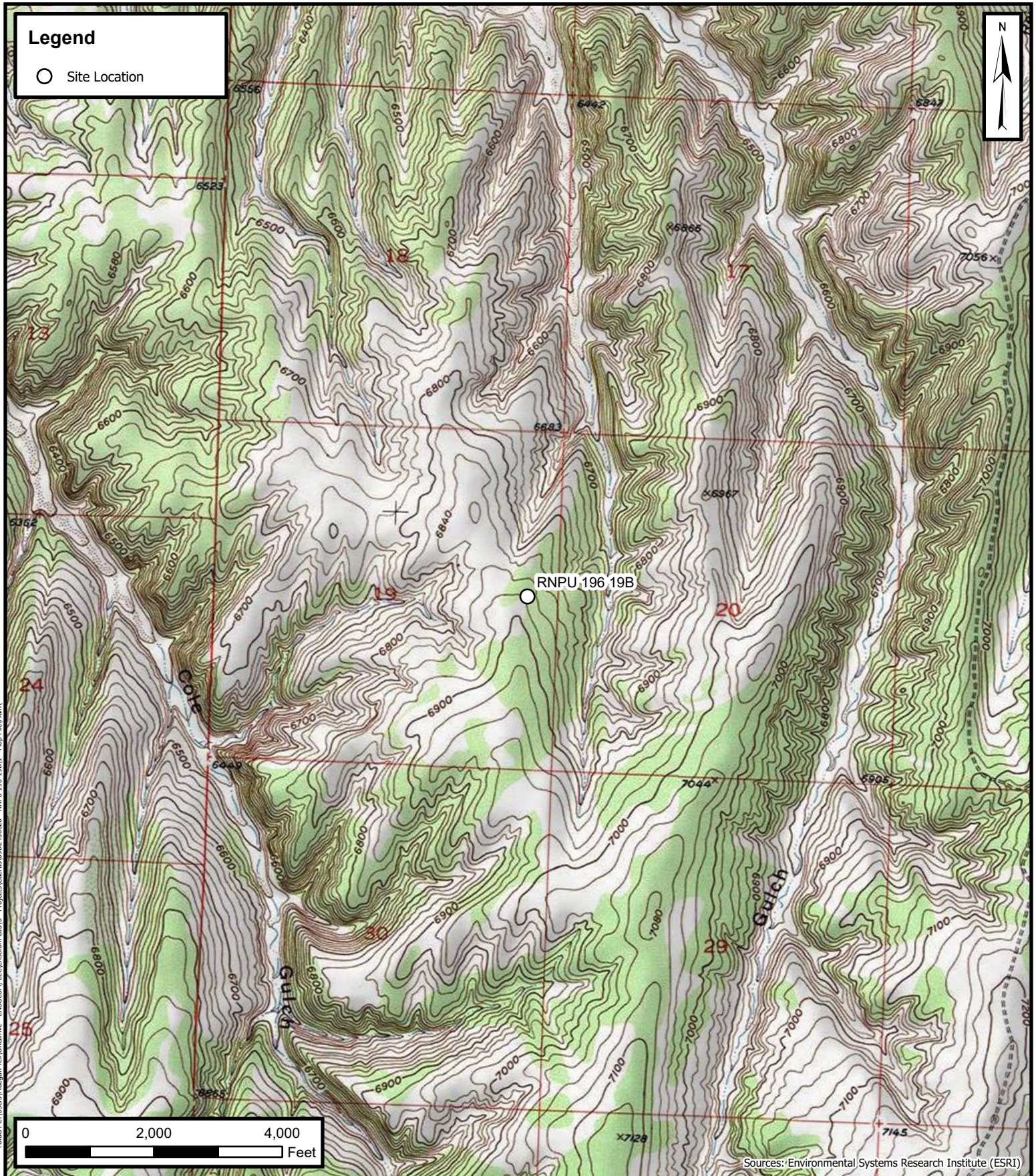
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Site Vicinity Map

RNPU 196-19B
Caerus Piceance, LLC
39.9550091, -108.2012763

Project Number: 09D2436020

FIGURE

2



Soil Sample Location Map

RNP 196-19B
Caerus Piceance, LLC
39.9550091, -108.2012763

Project Number: 09D2436020

FIGURE


3





ECMC Location Name (ID): 316658	Legal Description: SENE S19 T1S R96W
Client Location Name: RNPU 196-19B	Coordinates (Lat/Long): 39.954938, -108.201445
ECMC Remediation Project(s): TBD	County: Rio Blanco


Table 1 - Soil Sampling Summary


Soil Sample ID	Sample Type	Depth (FT BGS)	PID Reading (ppm)	Odor (Y/N)	Odor Description (If Applicable)	Staining (Y/N)	Staining Description (If Applicable)	Grab (G) or Composite (C)	Submitted for Analysis (Y/N)	Analysis or Rationale for no Submittal	Turnaround Time (TAT)
SS01-(20240805-RNPU 196-19B- (POR)@0.5)	Point of Release	0.5	37.0	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
SS02	Surface Sample	0.5	21.6	Y	Hydrocarbon	N	-	G	N	Submitting highest PID	-
SS03	Surface Sample	0.5	13.7	Y	Hydrocarbon	N	-	G	N	Submitting highest PID	-
SS04	Surface Sample	0.5	34.7	Y	Hydrocarbon	N	-	G	N	Submitting highest PID	-
20240805-XTBG-RNPU 196-19B-N@2.5	Background	2.5	0.8	N	-	N	-	G	Y	915-1 Metals and Soil Suitabilty	Standard
20240805-XTBG-RNPU 196-19B-E@2.5	Background	2.5	7	N	-	N	-	G	Y	915-1 Metals and Soil Suitability	Standard
20240805-XTBG-RNPU 196-19B-W@0.5	Background	0.5	2.2	N	-	N	-	G	Y	915-1 Metals and Soil Suitability	Standard
20240805-XTBG-RNPU 196-19B-S@1.0	Background	1	1	N	-	N	-	G	Y	915-1 Metals and Soil Suitability	Standard


PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: RNPU 196-19B-(POR)@0.5
Date: 8/5/2024	Photo No. 1 – POR	Coordinates Lat/Long: 39.954938, -108.201445
 <p>2024-08-05 10:19 39.955042N 108.201468W 218° SW Rifle, Rio Blanco County 81650 United States</p>		
View facing south at POR.		

PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: NA
Date: 8/5/2024	Photo No. 2 – Release area	Coordinates Lat/Long: 39.954938, -108.201445
 <p>2024-08-05 10:19 39.955057N 108.201248W 237° SW Rifle, Rio Blanco County 81650 United States</p>		
View facing south at the release area.		

PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: XTBG-RNPU 196-19B-N@2.5
Date: 8/5/2024	Photo No. 3 – XTBG-N	Coordinates Lat/Long: 39.954938, -108.201445
		
View facing east of XTBG-N.		

PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: XTBG-RNPU 196-19B-E@2.5
Date: 8/5/2024	Photo No. 4 – XTBG-E	Coordinates Lat/Long: 39.954938, -108.201445
		
View facing west of XTBG-E.		

PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: XTBG-RNPU 196-19B-W@0.5
Date: 8/5/2024	Photo No. 5 – XTBG-W	Coordinates Lat/Long: 39.954938, -108.201445
		
View facing north at XTBG-W.		

PHOTOGRAPHIC LOG		
Caerus Piceance, LLC	RNPU 196 19B Rio Blanco County, Colorado	Sample ID: XTBG-RNPU 196-19B-S@1.5
Date: 8/5/2024	Photo No. 6 – XTBG-S	Coordinates Lat/Long: 39.954938, -108.201445
		
View facing east of XTBG-S.		

Location

RNPU196-19B

Date

8/5/24

Project / Client

090 Z136070 / caeries
Truck / GPS / 4-gas / Auger / PID / Ice

0900 Arrive on site

Meet w/ Jared R.

0905 site/safety walk

0915 Begin mapping/sampling

1100 Begin collecting BG samples

1220 Jar samples

1315 off site

1530 Drop samples to face

Lab samples submitted

SS01 RNPU196 19B - (POR) @ 0.5'

BGN XTBG-RNPU196 19B - N @ 2.5'

BGE XTBG-RNPU196 19B - E @ 2.5'

B6W XTBG-RNPU196 19B - W @ 0.5'

B6S XTBG-RNPU196 19B - S @ 1.0'

Location

Date

Project / Client

sample ID

Depth

Time

PID

cont

bin

Soil

Lab

SS01

SS02

SS03

SS04

BGN

BGE

B6W

B6S

5'

5'

5'

5'

2.5'

2.5'

0.5'

1'

0935

0945

0955

1005

1115

1050

1130

1150

37.0

21.6

13.7

24.7

0.8

6.7

2.2

0.6

Y/N

Y/N

Y/N

Y/N

N

N

N

N

Brown

Brown

Brown

Brown

Brown

Brown

Brown

PCR

PCR

PCR

PCR

PCR

PCR

PCR

PCR

BGN

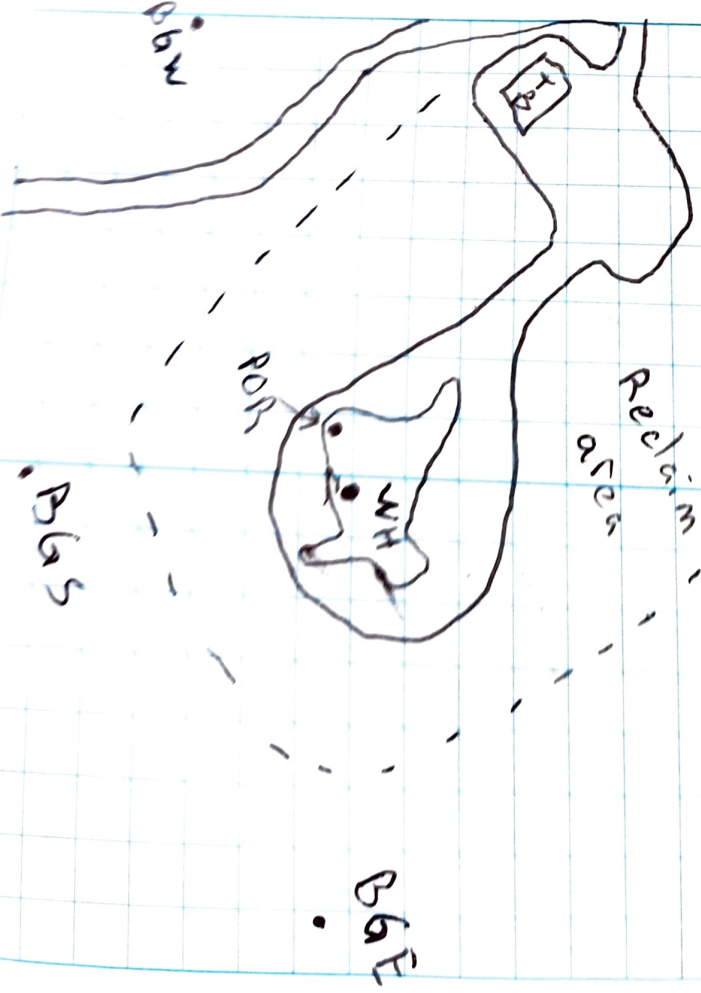
Reclaim area

POR

BGE

B6S

B6W



Company Name/Address:

Caerus Oil & Gas
143 Diamond Ave
Parachute, CO 81635

Billing Information:

Accounts Payable
1001 17th Street, Suite 1600
Denver, CO 80202

Pres
Chk

Analysis / Contalner / Preservative

Chain of Custody Page ____ of ____



12065 Lebanon Rd Mount Juliet, TN 37122
 Phone: 615-758-5858 Alt: 800-757-5859

Submitting a sample via this chain of custody
 constitutes acknowledgment and acceptance of
 the Pace Terms and Conditions found at:
<https://info.paceusa.com/labels-gas-standard-terms.pdf>

Report to:

Jake J/Brett M/Blair R/Andy V

Email To:

labreports@caerusollandgas.com

Project Description:

RNPU 196-19B

City/State

Collected: **CO**

Please Circle:

PT (M) CT ET

Phone: **970-285-2653**

Client Project #

Lab Project #

CAERUSPCO-915

Collected by (print):

Griffitt Green

Site/Facility ID #

RNPU 196-19B

P.O. #

Collected by (signature):

[Signature]

Rush? (Lab MUST Be Notified)

___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Date Results Needed

Standard TATNo.
of
Cntrs

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

20240805-XTBG-RNPU196-19B-NR25

G

SS

2.5'

8/5/24

1115

3

X

X

X

X

X

20240805-XTBG-RNPU196-19B-E225

G

SS

2.5'

↓

1050

3

↓

↓

↓

↓

20240805-XTBG-RNPU196-19B-W203

G

SS

0.5'

↓

1130

3

↓

↓

↓

↓

20240805-XTBG-RNPU196-19B-S21

G

SS

1'

↓

1150

3

↓

↓

↓

↓

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

Samples returned via:

___ UPS ___ FedEx ___ Courier ___

Tracking #

Relinquished by: (Signature)

[Signature]

Date:

8/5/24

Time:

1530

Received by: (Signature)

[Signature]

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

[Signature]

Date:

8/5/24

Time:

1700

Received by: (Signature)

[Signature]

Temp: °C Bottles Received:

Sample Receipt Checklist

COC Seal Present/Intact: ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable:
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N

If preservation required by Login: Date/Time

Relinquished by: (Signature)

[Signature]

Date:

8/5/24

Time:

1700

Received for lab by: (Signature)

[Signature]

Date:

Time:

Hold:

Condition:

NCF / OK