District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2119742289
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: SIMCOE, LLC	OGRID: 329736
Contact Name: Sabre Beebe	Contact Telephone (970) 852-5172
Contact email: sabre.beebe@ikavenergy.com	Incident # *(assigned by OCD) nAPP2119742289*
Contact mailing address: 1199 Main Ste., Suite 101, Durango, CO 81301	

Location of Release Source

Latitude 36.907990 Longitude -107.535228
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: North East Blanco Unit 605 001 H	Site Type: Natural Gas Production Water System
Date Release Discovered: 07/06/2021	API# *(if applicable) 30-045-35851*

Unit Letter	Section	Township	Range	County
P	11	31N	07W	San Juan County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: IKAV Energy/Simcoe, LLC*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) Approx. 16 bbl	Volume Recovered (bbls) Approx. 0 bbl
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Failure of produced water transfer line. Soil samples indicated hydrocarbon impacts below the remedial action level. The area was turned and raked to break up any surface staining. Additional visual monitoring performed to ensure there are no long-term aesthetic impacts from the release. Additional auger sampling performed at 0-48 inches on 11/29/2022 and analyzed for TPH as approved through NMOCD. Two (2) 5-point composite samples both returned non-detect for TPH.
Project map, photos, analytic results and sample summary table attached.
No further action is required on this area. Simcoe, LLC is requesting closure.

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _Sabre Beebe_____ Title: __Environmental Coordinator_____

Signature: Sabre Beebe Date: _01/03/2023____

email: sabre.beebe@ikavenergy.com__ Telephone: __970-852-5172_____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Nelson Velez Date: 01/11/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

2022.04.11 Northeast Blanco Unit 605 H 1 pipeline leak remediation.

IKAV

Northeast Blanco Unit 605 H 1 Remediation photos

04/11/2022

IKAV

Northeast Blanco Unit 605 H 1 Remediation photos

04/11/2022

IKAV

Northeast Blanco Unit 605 H 1 Remediation photos

04/11/2022

IKAV

Northeast Blanco Unit 605 H 1 Remediation photos

04/11/2022

Sabre Beebe

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, November 18, 2022 9:48 AM
To: Sabre Beebe
Subject: RE: [EXTERNAL] FW: NEBU 605 Com 001 H Variance Request

Sabre,

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
http://www.emnrd.state.nm.us/OCD/

From: Sabre Beebe <sabre.beebe@ikavenergy.com>
Sent: Friday, November 18, 2022 9:45 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: RE: [EXTERNAL] FW: NEBU 605 Com 001 H Variance Request

NOTIFICATION of SAMPLING:

Please be advised that the confirmation sampling for this incident is scheduled on 11/29/2022 to begin at 9:00 AM.
Thank yoiu

IKAV Energy Inc.
Sabre Beebe
Field Environmental Coordinator
Office: (970) 852-5172
Mobile: (970)-769-9523
E-Mail: sabre.beebe@ikavenergy.com

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, November 16, 2022 10:11 AM
To: Sabre Beebe <sabre.beebe@ikavenergy.com>
Subject: RE: [EXTERNAL] FW: NEBU 605 Com 001 H Variance Request

Sabre,

Upon review of the document provided, OCD grants the variance request for TPH analysis only, confirmation sampling of 1 five (5) point composite per 500 sq. ft., and sampling timing within two (2) weeks after this approval (no later than 11/30/2022). The remediation deadline will be updated to 12/23/2022 and reflected within the online incident page.

According to our records, this is the second time extension requested.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
http://www.emnrd.state.nm.us/OCD/

From: Sabre Beebe <sabre.beebe@ikavenergy.com>
Sent: Wednesday, November 16, 2022 8:20 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] FW: NEBU 605 Com 001 H Variance Request

Again just trying to ensure you received this as I may have sent it to an incorrect email thank you

IKAV Energy Inc.
Sabre Beebe
Field Environmental Coordinator
Office: (970) 852-5172
Mobile: (970)-769-9523
E-Mail: sabre.beebe@ikavenergy.com

From: Sabre Beebe
Sent: Thursday, November 10, 2022 9:07 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: NEBU 605 Com 001 H Variance Request

Nelson,
Please see attached the variance request for the NEBU 605 Com 001 H pipeline release. Thank you for your consideration on this matter.

IKAV Energy Inc.
Sabre Beebe
Field Environmental Coordinator
Office: (970) 852-5172
Mobile: (970)-769-9523
E-Mail: sabre.beebe@ikavenergy.com

Confidentiality notice:

This e-mail communication (and any attachment/s) are confidential and are intended only for the individual(s) or entity named above and to others who have been specifically authorized to receive it. Any information in this email and attachments may be legally privileged. If you are not the intended recipient, any disclosure, copying, reading, distribution, or any action taken or omitted in reliance on it, is prohibited and may be unlawful. Any opinions or advice contained in this email are subject to confidentiality and any terms and conditions may be protected by an engagement letter or other agreement. Please notify the sender that you have received this e-mail in error by calling the phone number above or by e-mail, and delete the e-mail (including any attachment/s) subsequently. This information may be

subject to professional confidentiality (e.g. auditors, tax, or legal advisors), other privilege, or may otherwise be protected by work product immunity or other legal rules. Thank you.

Initial Response Documentation

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2119742289
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: **SIMCOE LLC**	OGRID: **329736**	
Contact Name: **Steve Moskal**	Contact Telephone: **(505) 330-9179**	
Contact email: **steven.moskal@ikavenergy.com**	Incident # *(assigned by OCD)*:	**Initial**
Contact mailing address: **1199 Main Ste., Suite 101, Durango, CO 81301**		

Location of Release Source

Latitude: **36.907990°** Longitude: **-107.535228°**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: **NORTHEAST BLANCO UNIT 605 001H**	Site Type: **Natural Gas Production Water System**
Date Release Discovered: **7/6/2021**	API# *(if applicable)*: **30-045-35851**

Unit Letter	Section	Township	Range	County
P	**11**	**31N**	**07W**	**San Juan**

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* ***IKAV Energy/Simcoe LLC***)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) **16**	Volume Recovered (bbls) **0**
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
Unknown failure of produced water transfer line. Soil samples indicate hydrocarbon impacts below the remedial action level. The area will be turned and raked to break up any surface staining. Additional visual monitoring will be performed to ensure there are no long-term aesthetic impacts from the release. No further action is requested.

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Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2119742289
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: **Steve Moskal** Title: **Environmental Coordinator**

Signature: Date: **7/15/2021**

email: **smoskal@ikavenergy.com** Telephone: **505-330-9179**

OCD Only

Received by: Ramona Marcus Date: 7/20/2021

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2119742289
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release? **Depth to water determined using SJ 03426 well permit.**	420 (ft bgs)
Did this release impact groundwater or surface water? **DTW ~420'; Defined drainage 625' to NW.**	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? **Defined drainage 625' to NW.**	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? **None identified within 500'.**	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? **None identified in 1,000'**	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology? **None identified.**	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain? **None identified.**	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data - **Not Applicable**
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs - **Not Applicable**
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2119742289
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: **Steve Moskal** Title: **Environmental Coordinator**

Signature: _____ Date: **7/2/2021**

email: **smoskal@ikavenergy.com** Telephone: **505-330-9179**

OCD Only

Received by: Ramona Marcus Date: 7/20/2021

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: **Steve Moskal** Title: **Environmental Coordinator**

Signature: Date: **7/15/2021**

email: **smoskal@ikavenergy.com** Telephone: **505-330-9179**

OCD Only

Received by: Ramona Marcus Date: 7/20/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: **NOT APPROVED** Date:

Printed Name: Title:

NEBU 605 001H Release

P-11-31N-07W
API #30-045-35851
Release Point GPS:
36.907990°, -107.535228°

SIMCOE LLC

Northeast Blanco Unit 605 001-H Release

NAPP2119742289

Incident #: TBD **API #: #30-045-35851**

P-11-31N-07W

Producd Water Gathering Line Release - Lab Results

Table 1

MAP DESIGNATION # & SAMPLE ID	SAMPLE DATE	SAMPLE TIME	GRAB / COMPOSITE	TPH - gasoline (mg/Kg)	TPH - diesel range (mg/Kg)	TPH - cumulative (mg/Kg)	TPH - motor oil range (mg/Kg)	TPH - cumulative (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl - benzene (mg/Kg)	Total Xylenes (mg/Kg)	BTEX - cumulative (mg/Kg)	Chloride (mg/Kg)
SS01	07/06/21	1:20	Grab	<4.9	<9.9	<9.9	<49	<49	<0.024	<0.049	<0.049	<0.098	<0.098	<60
SS01	07/06/21	1:25	Grab	<24	350	350	<49	<49	<0.12	<0.24	<0.24	<0.47	<0.47	<60
SS01	07/06/21	1:30	Grab	<24	270	270	<47	<47	<0.12	<0.24	<0.24	<0.48	<0.48	<60
SS01	07/06/21	1:35	Grab	<4.8	14	14	<49	<49	<0.024	<0.048	<0.048	<0.095	<0.095	<60
NMOCD RELEASE CLOSURE STANDARDS -						**1,000**		**2,500**	**10**				**50**	**10,000**

Notes:

TPH - Total petroleum hydrocarbons by US EPA Method 8015B.
BTEX - Benzene, toluene, ethylbenzene, total xylenes by US EPA Method 8021B.
ppm - Parts per million.
mg/Kg - Milligram per kilogram (mg/Kg).
(-) - Not analyzed or N/A
NMOCD - New Mexico Oil Conservation Division.

Northeast Blanco Unit 605 001H Release July 6, 2021

Photo 1 – Release area on 7/6/2021.

Photo 2 – Release area on 7/6/2021.

Northeast Blanco Unit 605 001H Release July 6, 2021

Photo 3 – SS01 grab sample location.

Photo 4 – SS02 grab sample location

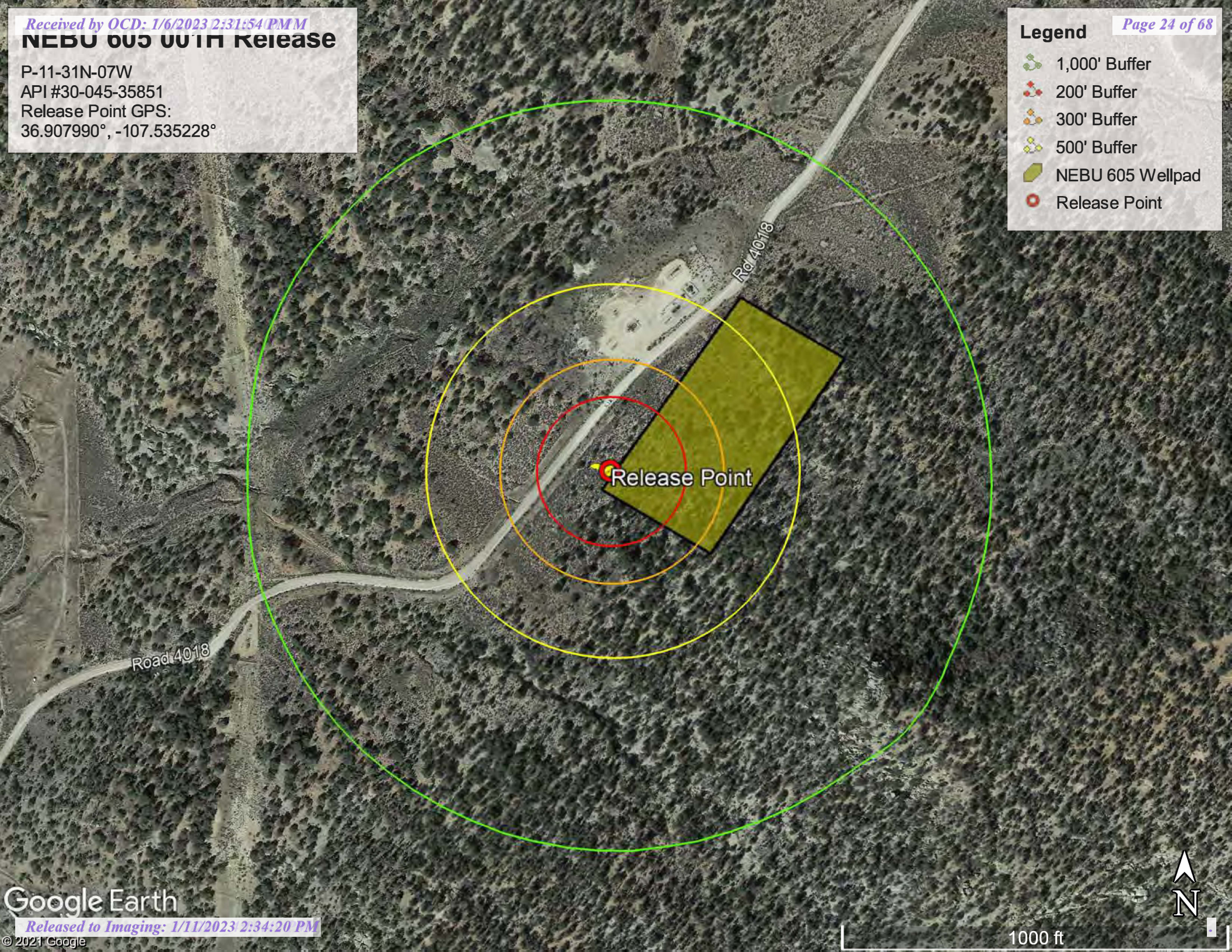
Northeast Blanco Unit 605 001H Release July 6, 2021

Photo 5 – SS03 grab sample location.

Photo 6 – SS04 grab sample location at the terminus of the release flow.

NEBU 605 001H Release

P-11-31N-07W
API #30-045-35851
Release Point GPS:
36.907990°, -107.535228°




NM OCD OIL AND GAS MAP
New Mexico Oil Conservation Division
NM OCD Oil and Gas Map User Guide
Find address or place
30-045-32066
30-045-32174
30-045-31076
30-045-35857
30-045-35851
11
Measurement
Feet
Measurement Result
625.5 Feet
Clear
Press CTRL to enable snapping
40m
200ft
-107.53415 36.90946 Degrees
OCD | Oil Conservation Division of the New Mexico Energy, Minerals and Natural R...
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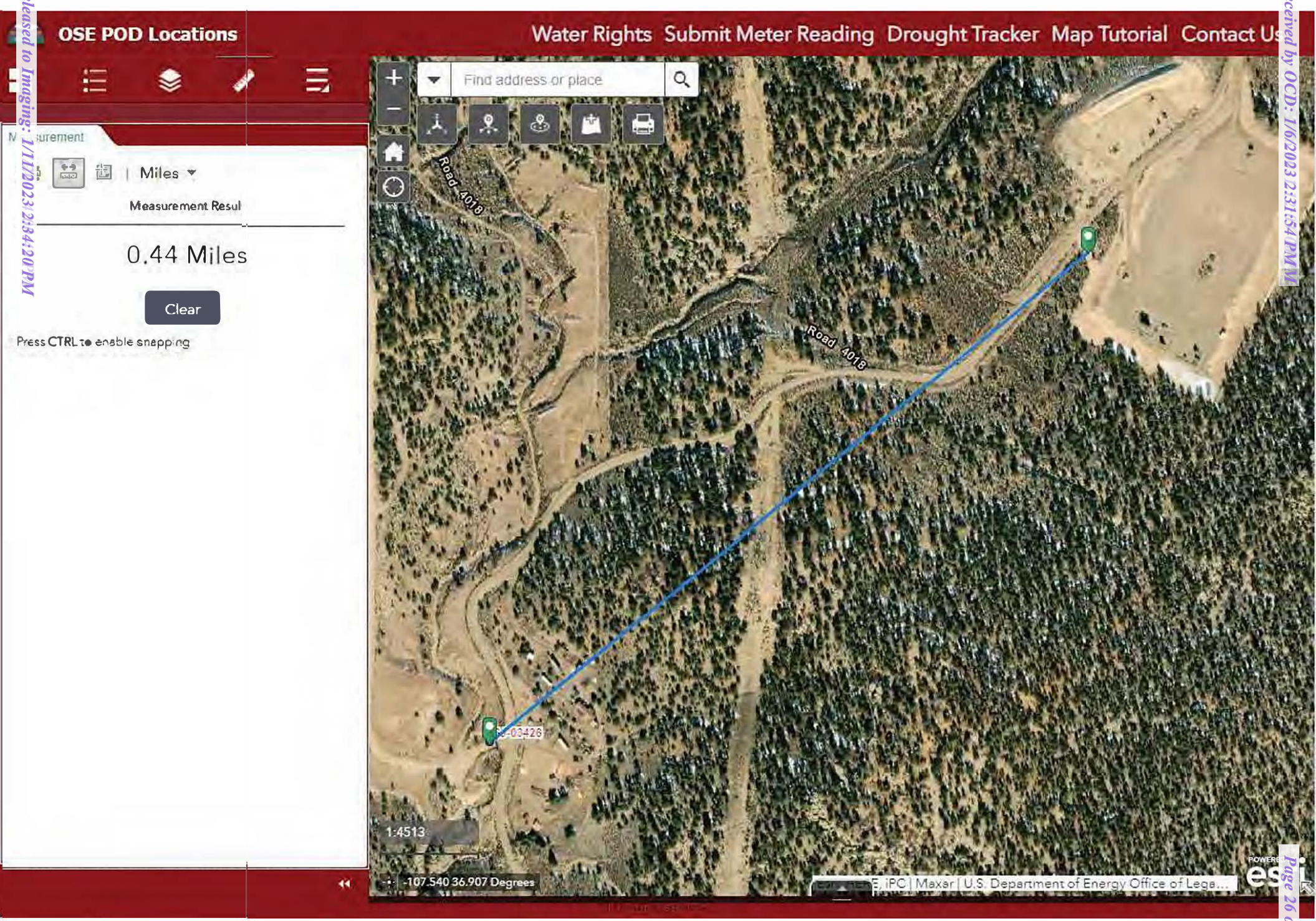


Steven Moskal

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, July 6, 2021 1:06 PM
To: Steven Moskal
Cc: Julie Best
Subject: RE: Release Notification and Sampling Request - NEBU 605

Follow Up Flag: Follow up
Flag Status: Flagged

Steve,

OCD approves the sampling today. Please include this approval in your final C-141. As discussed if the samples do past please make sure the visual area on the surface is raked to return the area to normal appearances.

Cory Smith • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1000 Rio Brazos | Aztec, NM 87410
505.334.6178 x115 | Cory.Smith@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Steven Moskal <steven.moskal@ikavenergy.com>
Sent: Tuesday, July 6, 2021 12:59 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Julie Best <julie.best@ikavenergy.com>
Subject: Release Notification and Sampling Request - NEBU 605

Cory,

As we discussed, Simcoe discovered a release of approximately 16 bbls of produced water from water transfer line on the edge of the Northeast Blanco Unit 605 well pad; P-11-31N-07W, 605 001H API #30-045-35851.

The release measures approximately 925 sq ft. I propose to collect 4 grab samples from the release area, bisecting (2 sample) the lateral NW/SE sections at the release point and 2 samples from the downgradient flow to the west. The attached map depicts the proposed sampling points in GREEN DOTS.

Due to the 605 well pad being a recent development location, the Google Earth imagery does not have a current depiction. I have added the approximate footprint of the well pad.

#

#

#

#

IKAV Energy Inc.
Steve Moskal, ASP

Environmental Coordinator
Phone: 505-330-9179
Email: SMoskal@IKAVENERGY.COM

1199 Main Avenue
Suite 101
Durango, CO 81301, USA

attachments may be legally privileged. If you are not the intended recipient, any disclosure, copying, reading, distribution, or any action taken or omitted in reliance on it, is prohibited and may be unlawful. Any opinions or advice contained in this email are subject to confidentiality and any terms and conditions may be protected by an engagement letter or other agreement. Please notify the sender that you have received this e-mail in error by calling the phone number above or by e-mail, and delete the e-mail (including any attachment/s) subsequently. This information may be subject to professional confidentiality (e.g. auditors, tax, or legal advisors), other privilege, or may otherwise be protected by work product immunity or other legal rules. Thank you.

NEBU 605 001H Release

P-11-31N-07W
API #30-045-35851
Release Point GPS: 36.907990°, -107.535228°

Legend

- NEBU 605 1-H Wellhead
- NEBU 605 Wellpad
- Release Extents
- Release Point
- Sample Point

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

July 12, 2021

Steve Moskal
SIMCOE
1100 Main St.
Durango, CO 81301
TEL: (505) 330-9179
FAX

RE: Northeast Blanco Unit 605 001H OrderNo.: 2107172

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 4 sample(s) on 7/7/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2107172**
Date Reported: **7/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE
Client Sample ID: SS01
Project: Northeast Blanco Unit 605 001H
Collection Date: 7/6/2021 1:20:00 PM
Lab ID: 2107172-001 **Matrix:** SOIL
Received Date: 7/7/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/10/2021 1:50:12 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/10/2021 1:50:12 PM
Surr: DNOP	91.5	70-130		%Rec	1	7/10/2021 1:50:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/8/2021 2:52:00 PM
Surr: BFB	97.3	70-130		%Rec	1	7/8/2021 2:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	7/8/2021 2:52:00 PM
Toluene	ND	0.049		mg/Kg	1	7/8/2021 2:52:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/8/2021 2:52:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/8/2021 2:52:00 PM
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	7/8/2021 2:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	7/9/2021 1:38:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2107172**
Date Reported: **7/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE
Client Sample ID: SS02
Project: Northeast Blanco Unit 605 001H
Collection Date: 7/6/2021 1:25:00 PM
Lab ID: 2107172-002 **Matrix:** SOIL
Received Date: 7/7/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	350	9.9		mg/Kg	1	7/10/2021 2:02:52 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/10/2021 2:02:52 PM
Surr: DNOP	87.9	70-130		%Rec	1	7/10/2021 2:02:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/8/2021 3:52:00 PM
Surr: BFB	106	70-130		%Rec	5	7/8/2021 3:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.12		mg/Kg	5	7/8/2021 3:52:00 PM
Toluene	ND	0.24		mg/Kg	5	7/8/2021 3:52:00 PM
Ethylbenzene	ND	0.24		mg/Kg	5	7/8/2021 3:52:00 PM
Xylenes, Total	ND	0.47		mg/Kg	5	7/8/2021 3:52:00 PM
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	5	7/8/2021 3:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	7/9/2021 1:50:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2107172**
Date Reported: **7/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE
Client Sample ID: SS03
Project: Northeast Blanco Unit 605 001H
Collection Date: 7/6/2021 1:30:00 PM
Lab ID: 2107172-003 **Matrix:** SOIL
Received Date: 7/7/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	270	9.5		mg/Kg	1	7/10/2021 2:15:25 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/10/2021 2:15:25 PM
Surr: DNOP	93.2	70-130		%Rec	1	7/10/2021 2:15:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/8/2021 4:52:00 PM
Surr: BFB	107	70-130		%Rec	5	7/8/2021 4:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.12		mg/Kg	5	7/8/2021 4:52:00 PM
Toluene	ND	0.24		mg/Kg	5	7/8/2021 4:52:00 PM
Ethylbenzene	ND	0.24		mg/Kg	5	7/8/2021 4:52:00 PM
Xylenes, Total	ND	0.48		mg/Kg	5	7/8/2021 4:52:00 PM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5	7/8/2021 4:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	7/9/2021 2:03:07 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2107172**
Date Reported: **7/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE
Client Sample ID: SS04
Project: Northeast Blanco Unit 605 001H
Collection Date: 7/6/2021 1:35:00 PM
Lab ID: 2107172-004 **Matrix:** SOIL
Received Date: 7/7/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	14	9.7		mg/Kg	1	7/10/2021 2:28:05 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/10/2021 2:28:05 PM
Surr: DNOP	93.9	70-130		%Rec	1	7/10/2021 2:28:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/8/2021 5:13:00 PM
Surr: BFB	105	70-130		%Rec	1	7/8/2021 5:13:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	7/8/2021 5:13:00 PM
Toluene	ND	0.048		mg/Kg	1	7/8/2021 5:13:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/8/2021 5:13:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/8/2021 5:13:00 PM
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	7/8/2021 5:13:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	7/9/2021 2:15:28 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107172**
12-Jul-21

Client: SIMCOE
Project: Northeast Blanco Unit 605 001H

Sample ID: **MB-61210**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **61210**	RunNo: **79684**							
Prep Date: **7/9/2021**	Analysis Date: **7/9/2021**	SeqNo: **2803323**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-61210**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **61210**	RunNo: **79684**							
Prep Date: **7/9/2021**	Analysis Date: **7/9/2021**	SeqNo: **2803324**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107172**
12-Jul-21

Client: SIMCOE
Project: Northeast Blanco Unit 605 001H

Sample ID: **MB-61205**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61205**	RunNo: **79706**
Prep Date: **7/9/2021**	Analysis Date: **7/10/2021**	SeqNo: **2803388** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		109	70	130			

Sample ID: **LCS-61205**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61205**	RunNo: **79706**
Prep Date: **7/9/2021**	Analysis Date: **7/10/2021**	SeqNo: **2803389** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.3	68.9	141			
Surr: DNOP	5.2		5.000		104	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107172**
12-Jul-21

Client: SIMCOE
Project: Northeast Blanco Unit 605 001H

Sample ID: **mb-61168** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802000** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	70	130			

Sample ID: **lcs-61168** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802001** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	106	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Sample ID: **2107172-001ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SS01** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802002** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	110	61.3	114			
Surr: BFB	2200		1000		223	70	130			S

Sample ID: **2107172-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SS01** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802003** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.39	0	98.4	61.3	114	18.1	20	
Surr: BFB	1000		935.5		112	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107172**
12-Jul-21

Client: SIMCOE
Project: Northeast Blanco Unit 605 001H

Sample ID: **mb-61168** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802007** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.1	70	130			

Sample ID: **lcs-61168** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802008** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	70	130			

Sample ID: **2107172-002ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **SS02** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802009** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.12	0.9461	0	108	80	120			
Toluene	1.1	0.24	0.9461	0	118	80	120			
Ethylbenzene	1.1	0.24	0.9461	0	114	80	120			
Xylenes, Total	3.3	0.47	2.838	0	117	80	120			
Surr: 4-Bromofluorobenzene	4.7		4.730		98.8	70	130			

Sample ID: **2107172-002amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **SS02** Batch ID: **61168** RunNo: **79645**
Prep Date: **7/7/2021** Analysis Date: **7/8/2021** SeqNo: **2802010** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.12	0.9634	0	112	80	120	5.30	20	
Toluene	1.1	0.24	0.9634	0	118	80	120	1.46	20	
Ethylbenzene	1.1	0.24	0.9634	0	119	80	120	5.84	20	
Xylenes, Total	3.4	0.48	2.890	0	119	80	120	3.44	20	
Surr: 4-Bromofluorobenzene	4.9		4.817		101	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: SIMCOE Work Order Number: 2107172 RcptNo: 1

Received By: Juan Rojas 7/7/2021 8:30:00 AM

Completed By: Sean Livingston 7/7/2021 8:46:10 AM

Reviewed By: JR 7/7/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no. notify customer for authorization.)	Yes ☑	No ☐	Checked by: SPA 7.7.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good				

Chain-of-Custody Record

Client: Dimco LLC

Mailing Address: 1199 Main Ave Aztec

Phone #: 505-330-9179

email or Fax#: steve.mostad@IKAEnergy.com

QA/QC Package:

☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 for Day*

~~☒ Standard~~ ☒ Rush

Project Name: Northeast Blanco Unit 605 com H

Project #: NM Spill

Project Manager: Steve Mostad

Sampler:

On Ice: ~~☑ Yes~~ ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.8-0=0.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2107172	BTEX / ~~MTBE~~ / ~~TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/6/21	1:20	soil	SS01	4oz x1	Ice	001	X	X					X			
	1:25		SS02			002	X	X					X			
	1:30		SS03			003	X	X					X			
	1:35		SS04			004	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/6/21	3:05				7/6/21	1505
7/6/21	1743			courier	7/7/21	8:30

Remarks:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 36675
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Denied. Closure report does not meet the requirements of 19.15.29.12 NMAC. A description of all remedial activities and depth to water determination is absent from report. Soil closure samples were above the reclamation criteria, additional reclamation is required 19.15.29.13 NMAC.	2/7/2022
jnobui	Revised closure report due 04/08/2022. Please resubmit to OCD permitting portal.	2/7/2022

Water Depth Determination and Maps

Northeast Blanco Unit #605 001 H
Hydrogeologic Report

General Geology & Hydrology

The San Juan Basin is a typical Rocky Mountain basin with a gently dipping southern flank and a steeply dipping northern flank. Asymmetrically layered Tertiary sandstones and shales, along with Quaternary alluvial deposits, dominate surficial geology (Dane and Bachman, 1965). The NEBU 605 001 H will pad and consequently the location of the pipeline leak is in the north-central San Juan Basin near the Navajo Lake. The predominant geologic formation is the San Jose formation of Tertiary age, which underlies surface soils and is often exposed (Dane and Bachman, 1965). Deposits of Quaternary alluvial and aeolian sands occur near the surface of the area, especially near streams and washes.

Cretaceous and Tertiary sandstones, as well as Quaternary alluvial deposits, serve as the primary aquifers in the San Juan Basin (Stone et al., 1983). In most of the area, the San Jose Formation lies at the surface and overlies the Nacimiento Formation. Thickness of the San Jose ranges from 200 to 2700 feet, thickening from the west to the east across the region of interest (Stone et al., 1983). Aquifers within the coarser and continuous sandstone bodies of the San Jose Formation are between 0 and 2700 feet deep in this section of the basin (Stone et al., 1983). Groundwater within these aquifers flows regionally to the southwest, toward the San Juan River. More locally, groundwater flow is controlled by Navajo Lake. Little specific hydrogeologic data is available for the San Jose Formation system, but “numerous wells and springs used for stock and domestic supplies” draw their water from the San Jose Formation (Stone et al., 1983).

The prominent soil types around the NEBU 605 001 H well pad are entisols and aridisols, which are defined as soils exhibiting little to no profile development. Soils are basically unaltered from their parent rock. Miles of arroyos, washes and intermittent streams exist as part of the drainage network towards the San Juan River. These features often cut into soil and other unconsolidated materials, contributing to sedimentation downstream. The sudden influx of water from storm events easily erodes the soils that cover the area and prohibits effective recharge to the underlying aquifers.

Regional weather further prohibits active recharge. The climate is arid, averaging almost 13 inches of rainfall annually. As is typical of the southwestern United States monsoonal weather patterns, most precipitation falls from July through September. The heaviest rainfall occurs in the summer in isolated, intense cloudbursts. September through June is relatively dry. Snow generally falls from December to mid-February and averages less than one-half inch in depth. The most active recharge occurs during the winter snowmelt periods from the upper elevations (Western Regional Climate Center ww.wrcc.dri.edu).

The predominant vegetation is sage brush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

Site Specific Hydrogeology

Depth to groundwater at the site is estimated to be greater than 100 feet. This estimation is based on data from Stone and others (1983), the USGS Groundwater Atlas of the United States and depth to groundwater data published on the New Mexico State Engineer's data base website.

The region is dominated by Navajo Lake and its associated canyons and gullies as evidenced on the attached topography map and aerial photo. Relatively large, flat-topped mesas composed of thick sandstone sequences surround the perimeter of the lake and are often over 200 feet higher in elevation than the lake. Canyons and gullies erode into the sandstone and are filled with alluvium. This area is located on a mesa north of the main body of Navajo Lake, but over 200 feet higher in elevation than the surface of the lake water. To the west lies Negro Andy Canyon, a first order tributary to the lake. The massive sandstone outcrops, upon which the area in question is situated, is part of the San Jose Formation. Beds of water yielding sandstone are present in the San Jose Formation, which are fluvial in origin and are interbedded with mudstone, silt stone and shale. Porous sandstones form the principal aquifers in the area. While relatively impermeable shales and mudstones form confining units between the aquifers (Stone et al., 1983). "Extensive intertonguing" of different members of this formation is reported (Stone et all., 1983). Local aquifers exist within the San Jose Formation at depths greater than 100 feet and thicknesses of the aquifer can be up to several hundred feet (USGS, Groundwater Atlas of the US; Stone et al., 1983).

Depth to groundwater data is extremely limited in this region. Groundwater data available from the New Mexico State Engineer's data base for wells near the area is attached. The nearest well permitted (SJ 03426) lies 0.44 miles to the southwest of the area in question. This water is used for livestock watering. Depth to the groundwater in this well is recorded at 420 feet. Other wells located near Navajo Lake at similar elevations to the area of concern contain groundwater at depths in excess of 400 feet.

The elevation difference of over 200 feet between the area and Navajo Lake, the lack of other surface water features and groundwater depths greater than 400 feet deep in nearby permitted water wells is enough to suggest that groundwater at the 605 well pad is greater than 100 feet.

References

Dane, C.H. and Bachman, G. O., 1965, Geologic Map of New Mexico: U.S. Geological Survey, 1 sheet, scale 1:500,000.

Dick-Peddie, W.A., 1993, New Mexico Vegeation - Past, Present and Future: Albuquerque, New Mexico, University of New Mexico Press, 244 p.

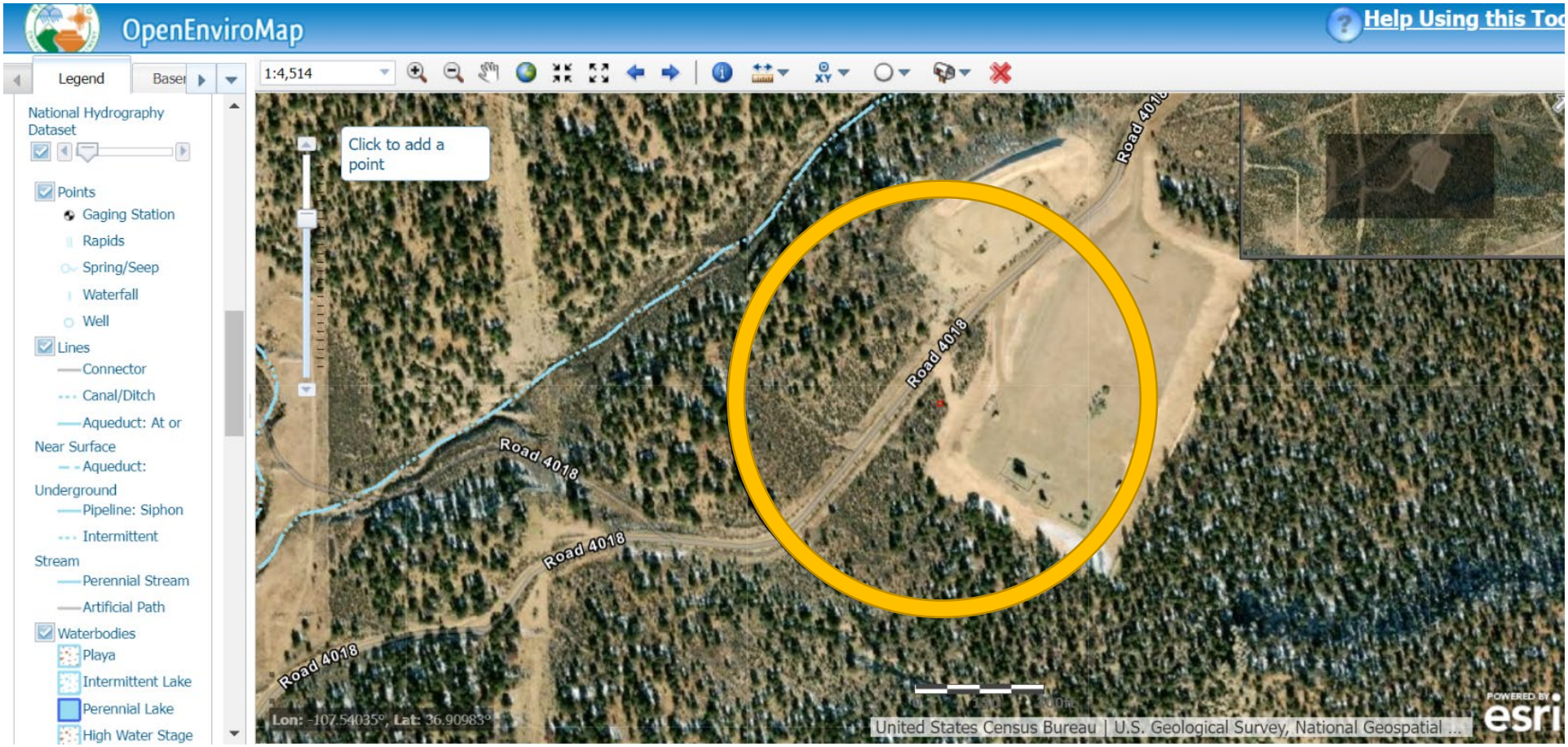
Stone, W.J., Lyford, F. P., Frenzel, P.F., Mizell, N.H. and Padgett, E.T., 1983, Hydrogeology and water resources of the San Juan Basin, New Mexico: HR-6 New Mexico Bureau of Geology and Mineral Resources Hydrology Report 6.

USGS, Groundwater Atlas of the United States: Arizona, Colorado, New Mexico, Utah, HA 730-C: (http://www.pubs.usqs.aovV)

Western Region Climate Center, 2008, New Mexico climate summaries: Desert Research Institute at http://www.wrcc.dri.edu/summarv/climsmnm.html.

New Mexico Energy, Minerals and Natural Resources Department, www.emnrd.state.nm.us

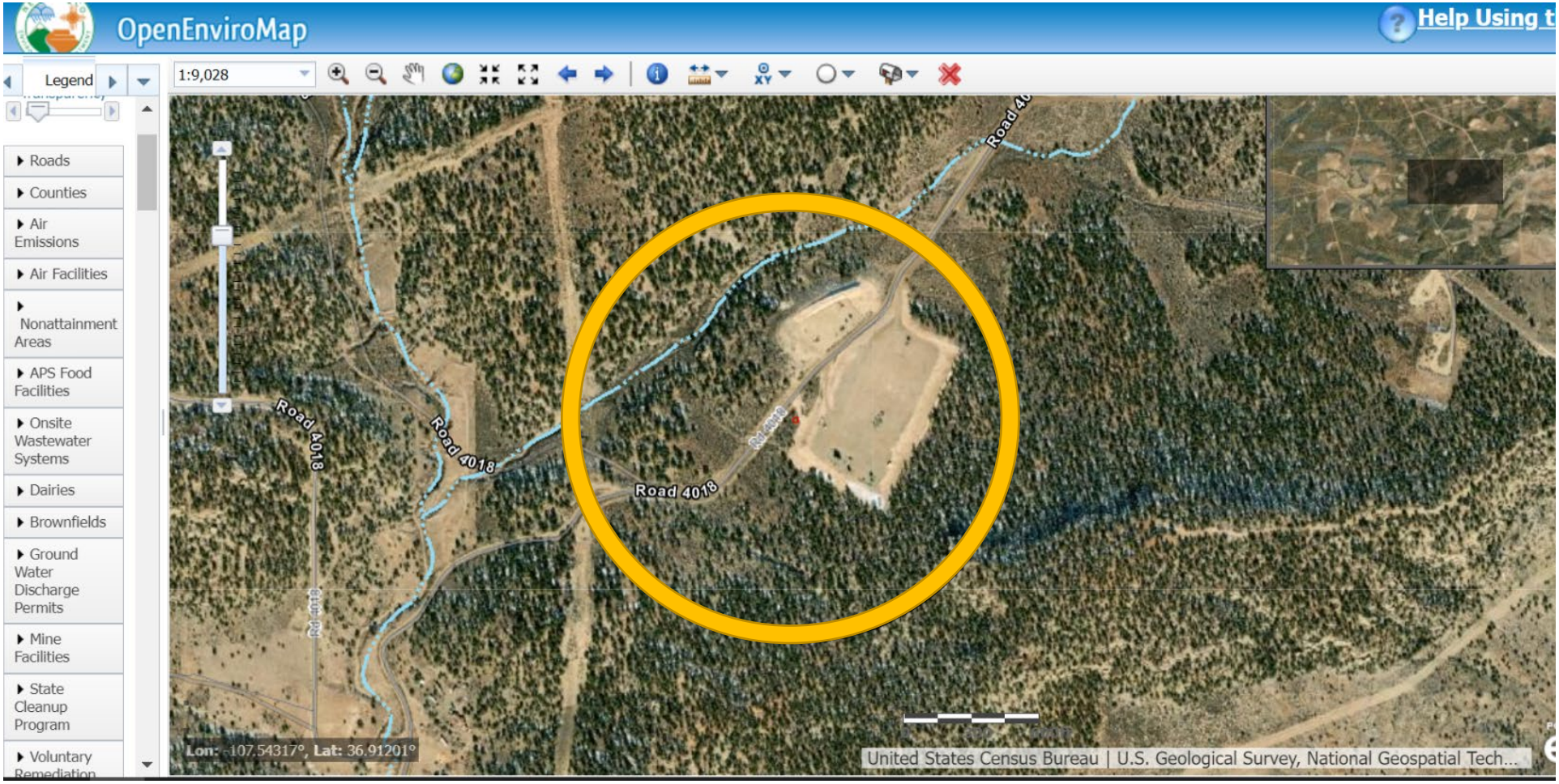
Aerial map demonstrating 300-foot buffer. According to OpenEnviroMap there are no waterbodies, wells or other water sources within the 300-foot buffer.



Aerial map demonstrating 500-foot buffer. According to OpenEnviroMap there are no waterbodies, wells or other water sources within the 500-foot buffer.

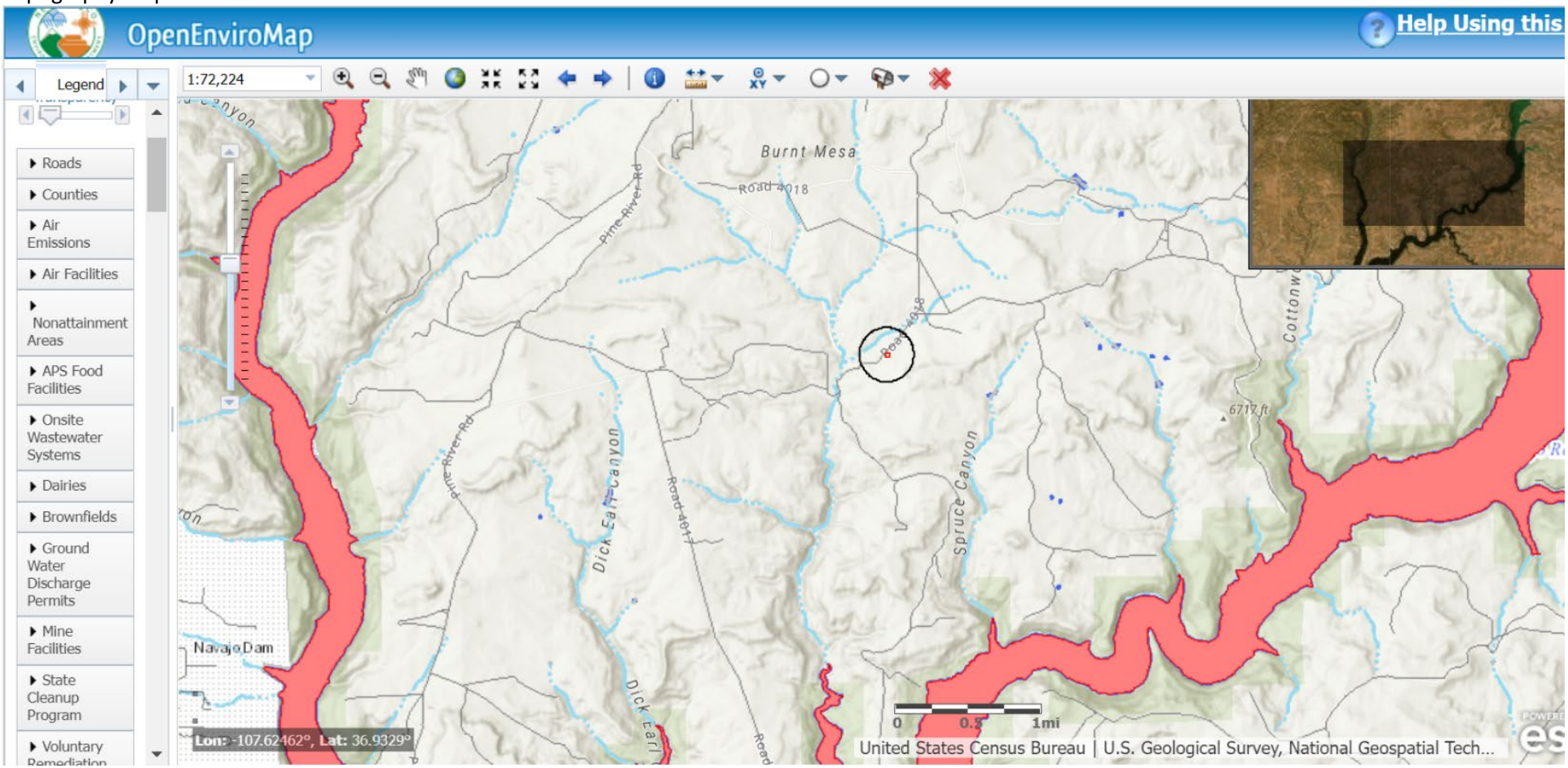
IKAV

Northeast Blanco Unit 605 001 H **30-045-35851** **nAPP2119742289**	



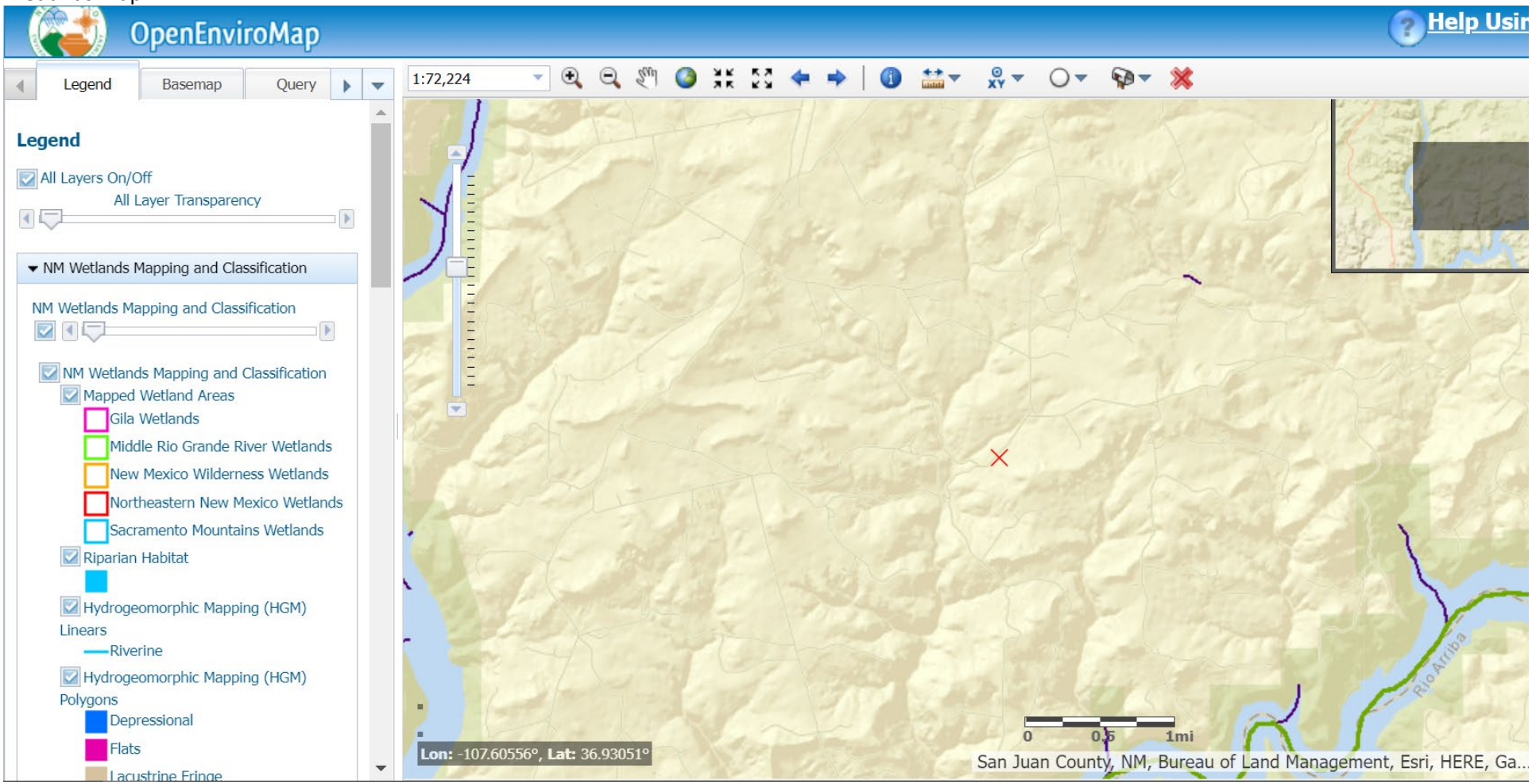
Aerial map demonstrating 1000-foot buffer. According to OpenEnviroMap there are no waterbodies, wells or other water sources within the 1000-foot buffer. The intermittent flow drainage is located 625 feet to the NW of the area.

Topography map



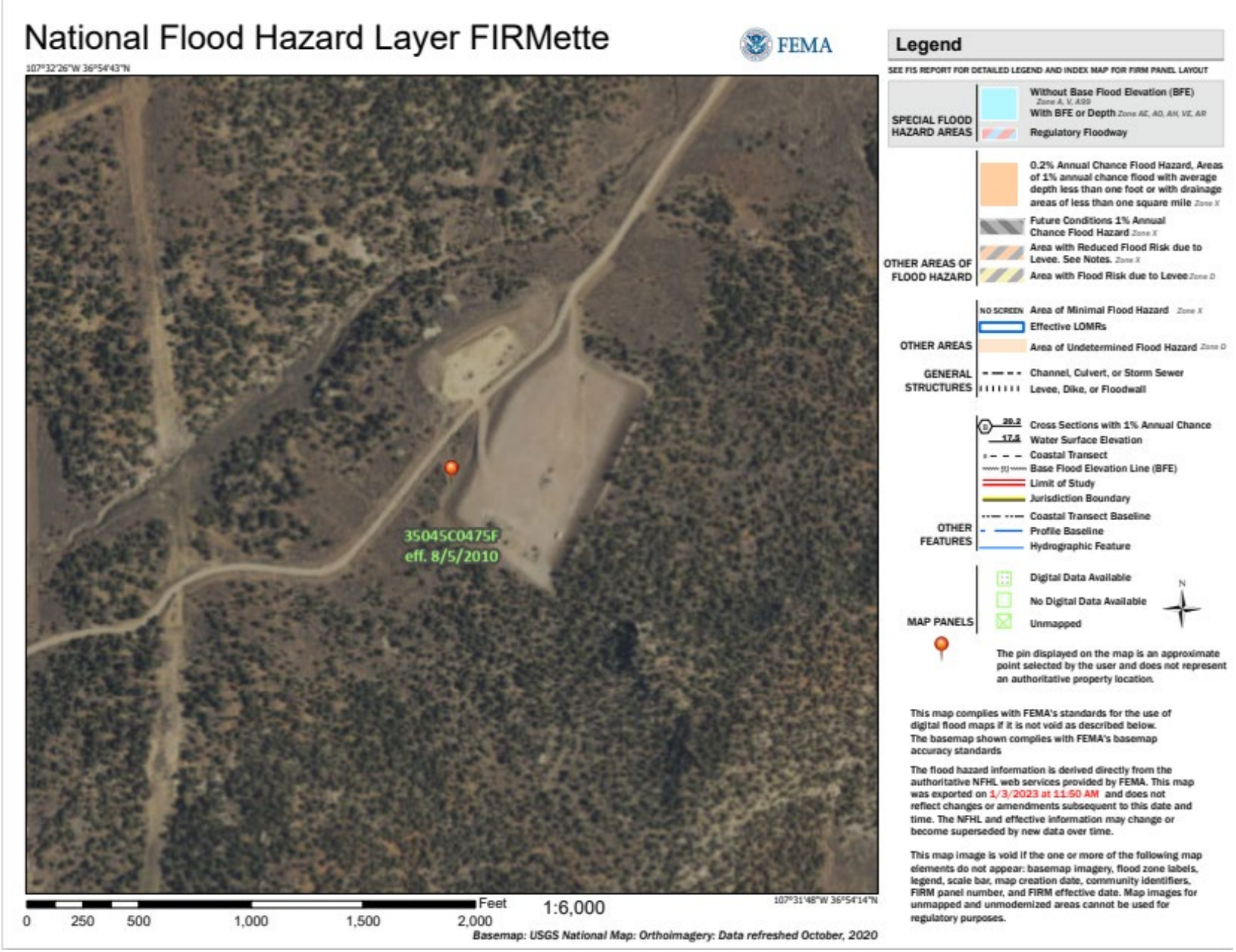
IKAV	**Northeast Blanco Unit 605 001 H** **30-045-35851** **nAPP2119742289**	

Wetlands Map



IKAV

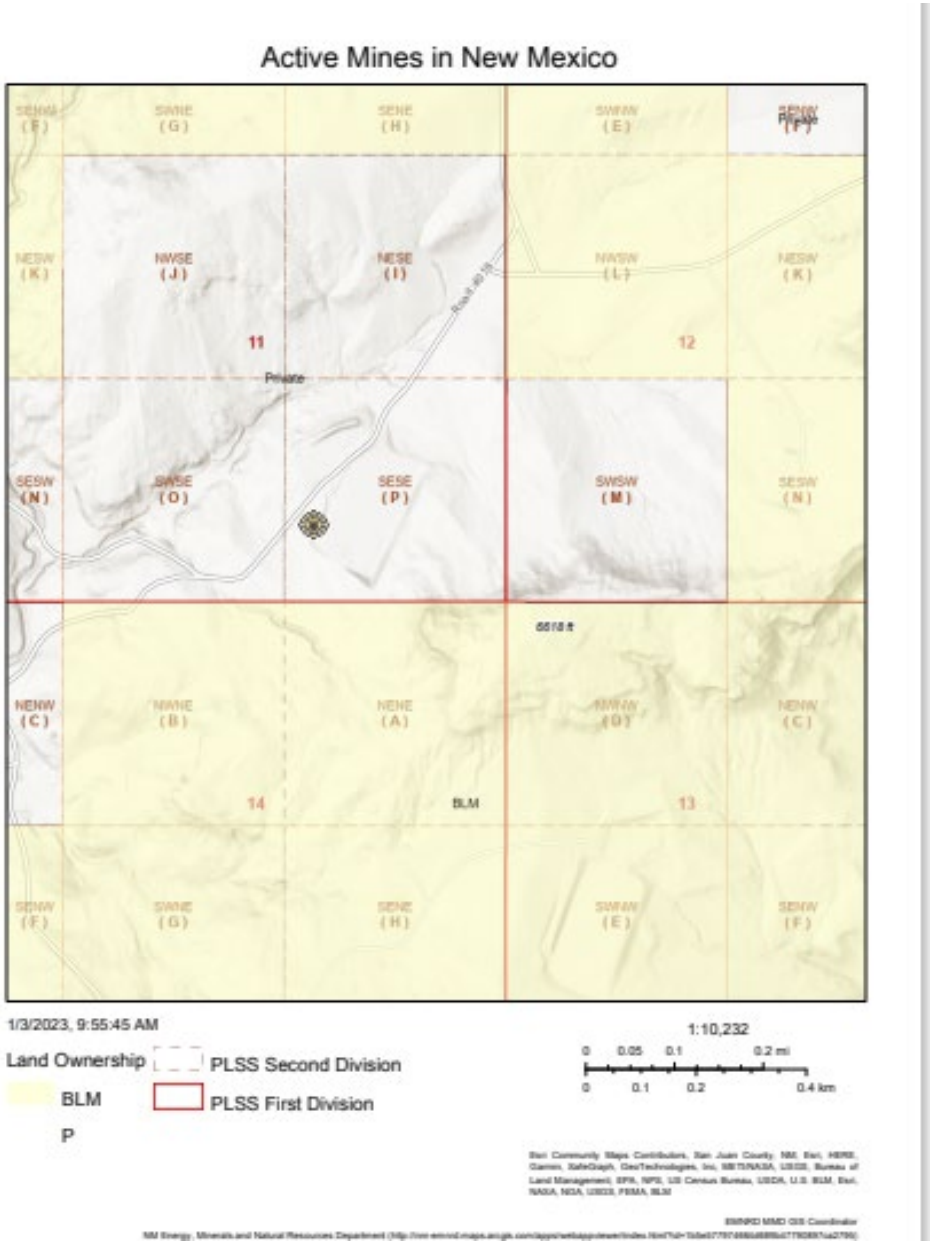
Northeast Blanco Unit 605 001 H 30-045-35851 nAPP2119742289	



IKAV

Northeast Blanco Unit 605 001 H
30-045-35851
nAPP2119742289

Mine Map



IKAV	**Northeast Blanco Unit 605 001 H** **30-045-35851** **nAPP2119742289**	

OSE POD Locations Map

1/3/2023, 9:23:54 AM

Override 1

GIS WATERS PODs

Active

OSE District Boundary

SiteBoundaries

1:13,448

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map
Map is generated by web users.

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	SJ 03426	4	2	1	14	31N	07W	273560	4087251*

Driller License: 1479 **Driller Company:** THREE 3-D DRILLING

Driller Name: DEE GILES

Drill Start Date: 12/15/2003 **Drill Finish Date:** 12/17/2003 **Plug Date:**

Log File Date: 12/19/2003 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 1 GPM

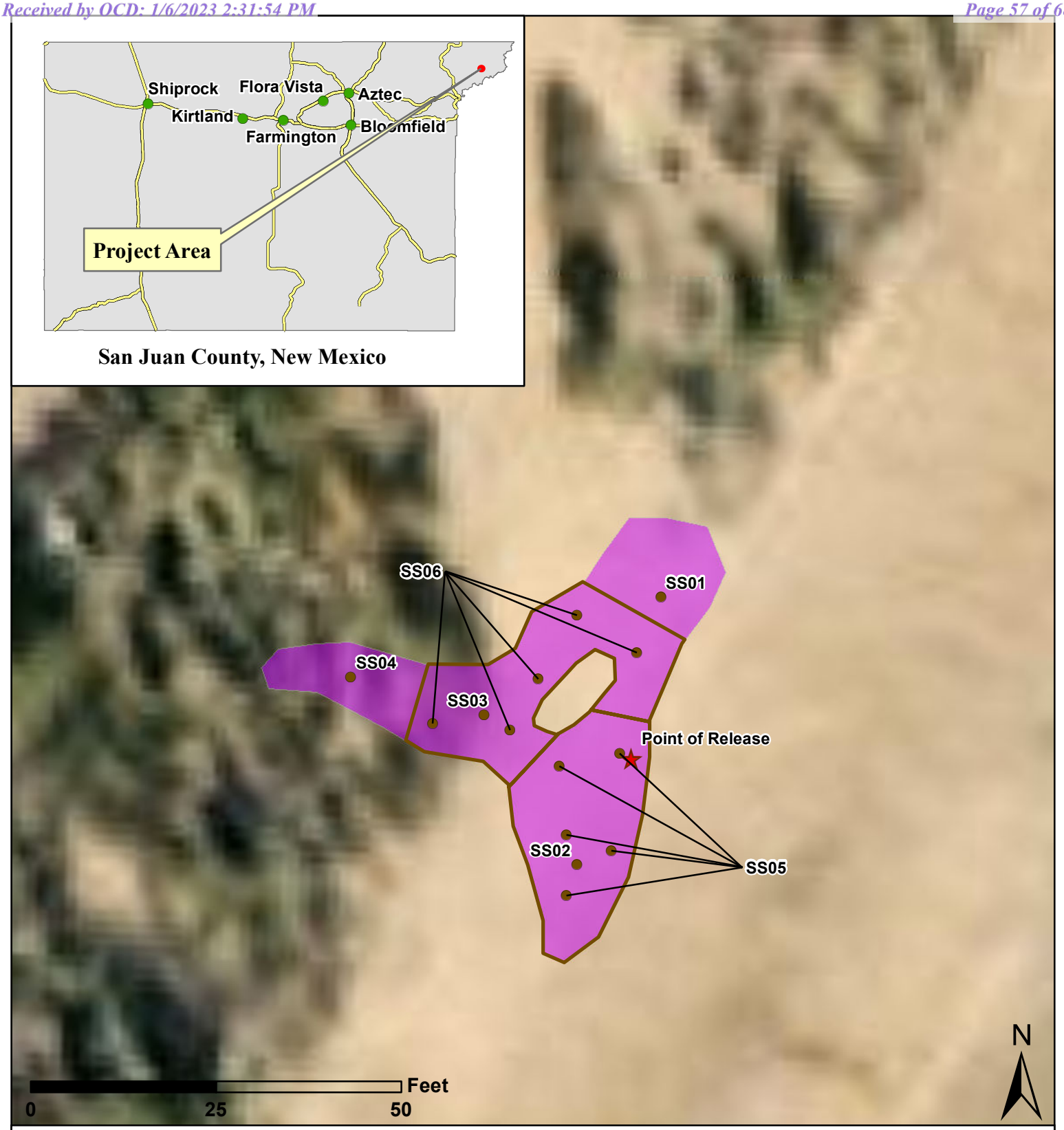
Casing Size: 5.00 **Depth Well:** 540 feet **Depth Water:** 420 feet

Water Bearing Stratifications:	Top	Bottom	Description
	500	540	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	460	480
	500	540

***UTM location was derived from PLSS - see Help**

Additional Work Documentation
11/29/2022



Notes: Initial soil samples collected 7/6/2021. SS05 and SS06 collected as five-point confirmation soil samples on 11/29/2022.

Legend

- Point of Release
- Soil Sample Area
- Soil Sample
- Wet Area (7/16/2022)

Cottonwood CONSULTING

Mapping by: E. Millar, 12/8/2022
Coordinate System:
NAD 1983 UTM Zone 13 N

Location: SESE Sec 11 T31N R7W NMPM

Figure 1
NEBU 605 Com #001H
Project Map
Simcoe LLC

Cottonwood CONSULTING

NEBU 605 #001H
Photographic Log
Simcoe LLC

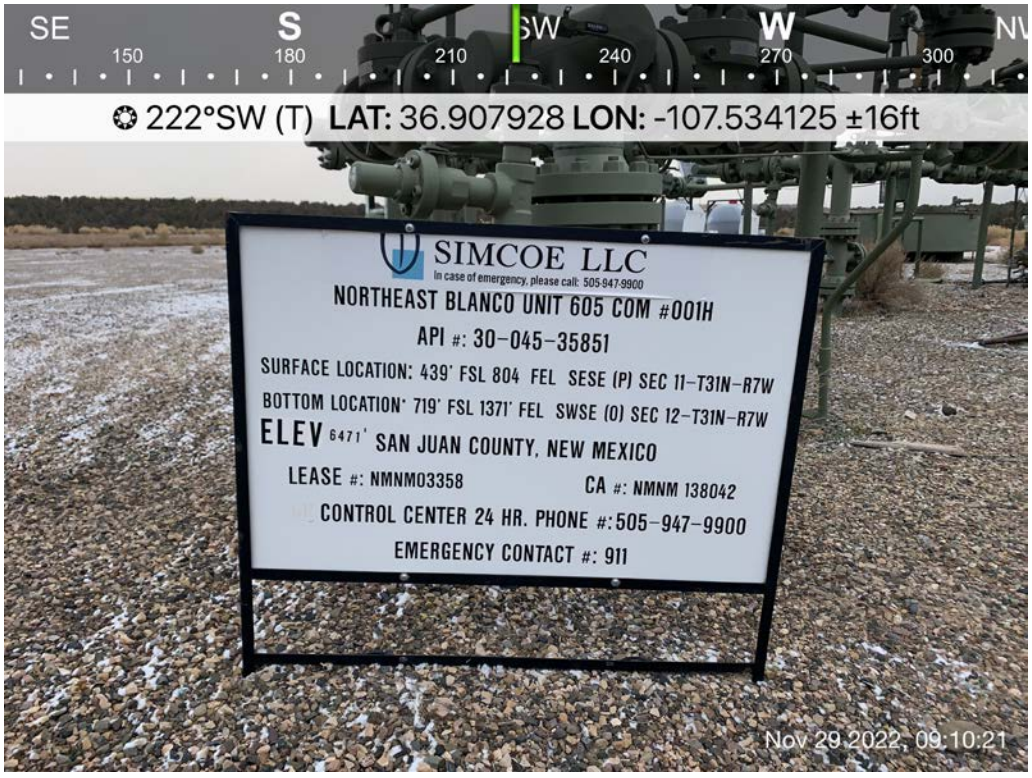


Photo 1: NEBU 605 #001H well sign, 11/29/2022.

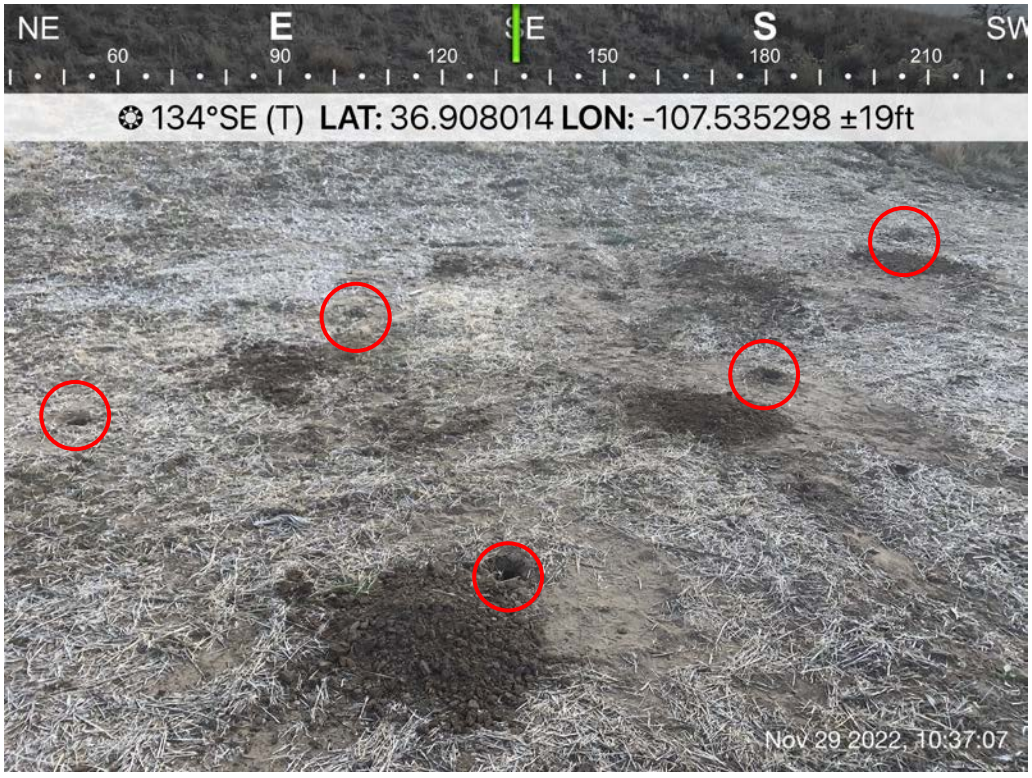


Photo 2: SS05 collected from the release area, 11/29/2022.

Cottonwood CONSULTING

NEBU 605 #001H
Photographic Log
Simcoe LLC

Photo 3: SS06 collected from the release area, 11/29/2022.

Photo 4: Project area, 11/29/2022.

Cottonwood CONSULTING

Soil Sampling Results
NEBU 605 #001H
Simcoe LLC

Parameter	SS05 11/29/2022 Wet area	SS06 11/29/2022 Wet area	Units
Depth	0-48	0-48	inches bgs
Field, PID	0.1	0.1	ppm
TPH (GRO)	<10.0	<10.0	mg/kg
TPH (DRO)	<10.0	<10.0	mg/kg
TPH (EXT DRO)	<10.0	<10.0	mg/kg

Notes: Samples collected as 5-point composite samples.
PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
bgs - below ground surface
ppm - parts per million
mg/kg - milligrams per kilogram

75 Suttle Street
Durango, CO 81303
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970.247.4227 Fax
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06 December 2022

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: Misc.

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 12:45. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: T104704514-22-15

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-22-15

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: Misc.	
PO Box 1653	Project Name / Number: NEBU 605 Com #001H	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/06/22 17:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
SS05	2211303-01	Solid	11/29/22 09:30	11/29/22 12:45	
SS06	2211303-02	Solid	11/29/22 10:00	11/29/22 12:45	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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www.GreenAnalytical.com

Cottonwood Consulting	Project: Misc.	
PO Box 1653	Project Name / Number: NEBU 605 Com #001H	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/06/22 17:06

SS05

2211303-01 (Soil)

Subcontracted -- **Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

Petroleum Hydrocarbons by GC FID

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
GRO C6-C10*	<10.0	10.0	6.25	mg/kg	1	12/04/22 00:20	8015B		MS
DRO >C10-C28*	<10.0	10.0	4.26	mg/kg	1	12/04/22 00:20	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	12/04/22 00:20	8015B		MS
Surrogate: 1-Chlorooctane			*90.9 %*	*45.3-161*		*12/04/22 00:20*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*88.7 %*	*46.3-178*		*12/04/22 00:20*	*8015B*		MS

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

GREEN Analytical Laboratories

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: Misc.	
PO Box 1653	Project Name / Number: NEBU 605 Com #001H	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/06/22 17:06

SS06

2211303-02 (Soil)

Subcontracted -- **Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

Petroleum Hydrocarbons by GC FID

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
GRO C6-C10*	<10.0	10.0	6.25	mg/kg	1	12/04/22 00:44	8015B		MS
DRO >C10-C28*	<10.0	10.0	4.26	mg/kg	1	12/04/22 00:44	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	12/04/22 00:44	8015B		MS
Surrogate: 1-Chlorooctane			*89.8 %*	*45.3-161*		*12/04/22 00:44*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*87.8 %*	*46.3-178*		*12/04/22 00:44*	*8015B*		MS

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: Misc.	
PO Box 1653	Project Name / Number: NEBU 605 Com #001H	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/06/22 17:06

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120207 - General Prep - Organics										
Blank (2120207-BLK1)				Prepared: 12/02/22 Analyzed: 12/03/22						
Surrogate: 1-Chlorooctadecane	*46.7*		mg/kg	*50.0*		*93.3*	*46.3-178*			
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*45.3-161*			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
LCS (2120207-BS1)				Prepared: 12/02/22 Analyzed: 12/03/22						
Surrogate: 1-Chlorooctadecane	*54.0*		mg/kg	*50.0*		*108*	*46.3-178*			
Surrogate: 1-Chlorooctane	*53.6*		mg/kg	*50.0*		*107*	*45.3-161*			
DRO >C10-C28	201	10.0	mg/kg	200		100	74.9-127			
GRO C6-C10	220	10.0	mg/kg	200		110	76.8-124			
Total TPH C6-C28	420	10.0	mg/kg	400		105	77.5-124			
LCS Dup (2120207-BSD1)				Prepared: 12/02/22 Analyzed: 12/03/22						
Surrogate: 1-Chlorooctadecane	*56.8*		mg/kg	*50.0*		*114*	*46.3-178*			
Surrogate: 1-Chlorooctane	*56.7*		mg/kg	*50.0*		*113*	*45.3-161*			
DRO >C10-C28	182	10.0	mg/kg	200		91.2	74.9-127	9.60	18.6	
GRO C6-C10	212	10.0	mg/kg	200		106	76.8-124	3.63	17.2	
Total TPH C6-C28	394	10.0	mg/kg	400		98.5	77.5-124	6.44	17.6	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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www.GreenAnalytical.com

Cottonwood Consulting	Project:	Misc.	
PO Box 1653	Project Name / Number:	NEBU 605 Com #001H	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	12/06/22 17:06

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Green Analytical Laboratories
(970) 247-4220
Fax: (970) 247-4227
service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Company Name: Cottonwood Consulting LLC
Project Manager: Kyle Siesser
Address: PO Box 1653
City: Durango State: CO Zip: 81302
Phone #: 970-764-7356 Email: ksiesser@cottonwoodconsulting.com
Additional Report To:
Project Name: NEBU 605 Com #001H
Project Number:
Sampler Name (Print): Emma Miller / Kelsey O'Brien

Bill to (if different):
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax or Email:

ANALYSIS REQUEST: TPH

FOR LAB USE ONLY Lab I.D.	Sample Name or Location	Collected Date	Collected Time	Matrix (check one)	# of containers	TPH
2211-303 01	SS05	11/29/22	0930	SOIL: X	3Z	9 x
02	SS06	11/29/22	1000	SOIL: X	3Z	

Matrix: GROUNDWATER, SURFACEWATER, WASTEWATER, PRODUCEDWATER, SOIL, OTHER :
# of containers: No preservation (general), HNO_3, HCl, H_2SO_4, Other:, Other:

11/29/22

Relinquished By:	Date: 11/29/22 Time: 1245	Received By:
Relinquished By:	Date: Time:	Received By:
Relinquished By:	Date: Time:	Received By:

ADDITIONAL REMARKS:

Report to State? (Circle) Yes (No)

Delivered By: (Circle One)
(Sampler) - UPS - FedEx - Kangaroo - Other: Courier 9.4°C

Temperature at reciept: LLG

CHECKED BY:

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 173534

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 173534
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/11/2023