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	nAPP2122260724
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Legacy Reserves, LLC	OGRID 240974
Contact Name Dwight Mallory	Contact Telephone 720-244-4898
Contact email dmallory@legacyreserves.com	Incident # *(assigned by OCD)* nAPP2125861315
Contact mailing address 1775 Sherman, Suite 1400, Denver, CO 80202	

Location of Release Source

Latitude 32.79017 Longitude -103.42233
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Skelly Penrose A Sand Unit Main Trunk Line	Site Type Injection trunk line
Date Release Discovered 08/09/2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
K	35	17S	35E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

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) Unknown	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) Unknown	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
Oil-stained soil was discovered during removal of the tank battery following plugging of the associated wells. Operator has no record of spills at this location. OCD was notified after it was determined that excavation of soil would be necessary. Laboratory analysis of soil samples collected subsequent to the initial spill notification also showed elevated chlorides that are likely the result of historic produced water releases at the site.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2122260724
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? Unknown release volume.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given via voice message by Dwight Mallory to Chad Hensley.	

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: Dwight Mallory Title: Environmental Manager

Signature: Dwight Mallory Date: 7/22/2022

email: dmallory@legacyreserves.com Telephone: 720-244-4898

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2122260724
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?	58 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ 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
☒ 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
☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2122260724
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: Dwight Mallory Title: Environmental Manager

Signature: Dwight Mallory Date: 7/22/2022

email: dmallory@legacyreserves.com Telephone: 720-244-4898

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2122260724
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: Dwight Mallory Title: Environmental Manager

Signature: Dwight Mallory Date: 7/22/2022

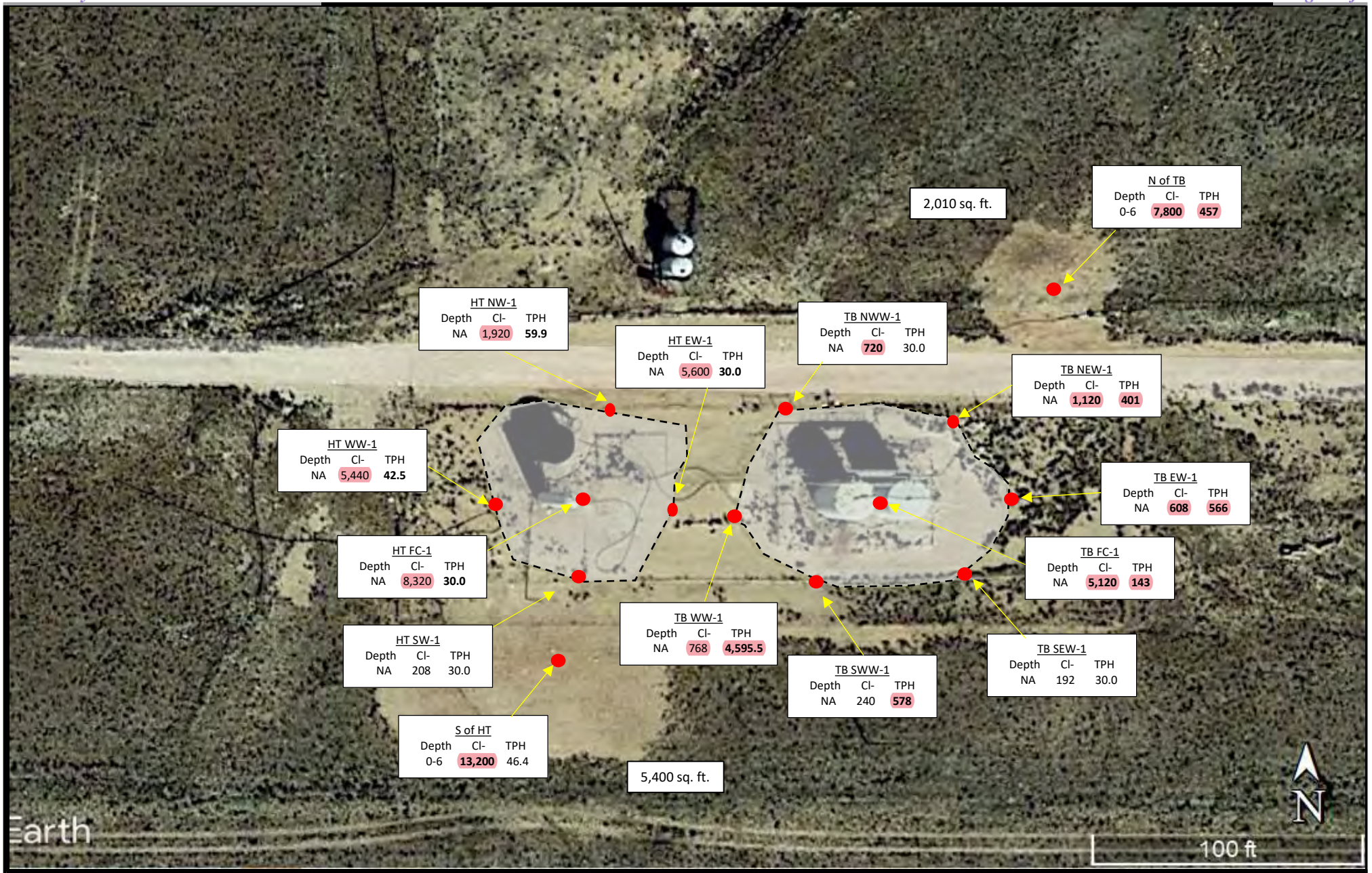
email: dmallory@legacyreserves.com Telephone: 720-244-4898

OCD Only

Received by: _____ Date: _____

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

Signature: Jennifer Nobui Date: 08/02/2022



Legend:

- Sample Point
- Affected Area
- Buried Pipeline
- Test Trench
- Excavated Area

Figure 3a

Site and Sample Location Map

Legacy Reserves Operating, LP

Penroc State BJ Reclamation

GPS: 32.789741, -103.429591

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: Checked: jwl Date: 2/15/22

Legend:

- Sample Point
- Affected Area
- Buried Pipeline
- Test Trench
- Excavated Area

Figure 3b

Site and Sample Location Map

Legacy Reserves Operating, LP

Penroc State BJ Reclamation

GPS: 32.789741, -103.429591

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: Checked: jwl Date: 2/15/22

Legend:

- Sample Point
- Affected Area
- Buried Pipeline
- Test Trench
- Excavated Area

Figure 3c

Site and Sample Location Map
Legacy Reserves Operating, LP
Penroc State BJ Reclamation
GPS: 32.789741, -103.429591
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted:

Checked: jwl Date: 2/15/22

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Legacy Reserves Operating, LP
Penroc State BJ Reclamation
NMOCD Ref. #: 0

NMOCD Closure Criteria				**10**	**50**	**-**	**-**		**-**		
NMOCD Reclamation Standard				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
Sample ID	**Date**	**Depth (Feet)**	**Soil Status**	**SW 846 8021B**		**SW 846 8015M Ext.**					**4500 Cl**
				Benzene (mg/kg)	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
S 0F HT @ 0-6"	2/6/2022	0.5	In-Situ	-	-	<10.0	28.5	28.5	17.9	46.4	13,200
N 0F TB @ 0-6"	2/6/2022	0.5	In-Situ	-	-	<50.0	295	295	162	457	7,800
PSF - 1 @ 0-4"	2/6/2022	0.33	In-Situ	-	-	<100	7,850	7,850	4,700	12,600	1,880
PSF - 1 @ 20" - R	2/6/2022	1.67	In-Situ	-	-	1,730	6,450	8,180	1,020	9,200	3,600
PSF - 2 @ 0-4"	2/6/2022	0.33	In-Situ	-	-	<50.0	2,180	2,180	1,240	3,420	1,600
PSF - 2 @ 12" - R	2/6/2022	1	In-Situ	-	-	<50.0	2,470	2,470	810	3,280	1,760
PSF - 3 @ 0-4"	2/6/2022	0.33	In-Situ	-	-	<50.0	11,800	11,800	4,470	16,300	2,040
PSF - 3 @ 20-24" - R	2/6/2022	2	In-Situ	-	-	<10.0	311	311	151	462	3,000
PSF - 4 @ 0-4" - R	2/6/2022	0.33	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
PSF - 5 @ 0-6" - R	2/6/2022	0.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	12,300
PSF - 6 @ 0-6" - R	2/6/2022	0.5	In-Situ	-	-	<10.0	125	125	105	230	1,840

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 11, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: PENROC STATE RECLAMATION

Enclosed are the results of analyses for samples received by the laboratory on 02/08/22 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: S 0F HT @ 0-6'' (H220483-01)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**13200**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**28.5**	10.0	02/09/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**17.9**	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane	*79.4 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*85.2 %*	*59.5-142*

Sample ID: N 0F TB @ 0-6'' (H220483-02)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7800**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**295**	50.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**162**	50.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*77.6 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*104 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: PSF - 1 @ 0-4" (H220483-03)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1880**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**7850**	100	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**4700**	100	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*104 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*341 %*	*59.5-142*

Sample ID: PSF - 1 @ 20" - R (H220483-04)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1730**	50.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**6450**	50.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**1020**	50.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*230 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*147 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: PSF - 2 @ 0-4" (H220483-05)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1600**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**2180**	50.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**1240**	50.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*84.3 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*142 %*	*59.5-142*

Sample ID: PSF - 2 @ 12" - R (H220483-06)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1760**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: CK** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**2470**	50.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**810**	50.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*94.1 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*167 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: PSF - 3 @ 0-4" (H220483-07)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2040**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**11800**	50.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**4470**	50.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*91.6 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*524 %*	*59.5-142*

Sample ID: PSF - 3 @ 20-24" - R (H220483-08)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3000**	16.0	02/09/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**311**	10.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**151**	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*78.5 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*94.0 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: PSF - 4 @ 0-4" - R (H220483-09)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5280**	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane	*85.7 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*93.0 %*	*59.5-142*

Sample ID: PSF - 5 @ 0-6" - R (H220483-10)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**12300**	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane	*82.7 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*89.7 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	02/08/2022	Sampling Date:	02/06/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	PENROC STATE RECLAMATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEGACY - LEA CO NM		

Sample ID: PSF - 6 @ 0-6" - R (H220483-11)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1840**	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	**125**	10.0	02/10/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	**105**	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane	*83.9 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*96.5 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	Legacy Reserves	P.O. #:	Try Legacy
Project Manager:	Joel Lowry	Company:	Etech Env
Address:	2617 W Marland	Attn:	Joel Lowry
City:	Hobbs	State: NM Zip:	88240
Phone #:		Fax #:	
Project #:		Project Owner:	
Project Name:	Penroc State Reclamation	City:	
Project Location:	Rural Lea	State: Zip:	
Sampler Name:	Joel Lowry	Phone #:	
		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH	Cl-
H220483																
1	S of ~~HT~~ TB @ 0-6"	6				X							2/6/22		X	X
2	N of TB @ 0-6"															
3	PSF-1 @ 0-4"															
4	PSF-1 @ 20"-R															
5	PSF-2 @ 0-4"															
6	PSF-2 @ 12"-R															
7	PSF-3 @ 0-4"															
8	PSF-3 @ 20-24"-R															
9	PSF-4 @ 0-4"-R															
10	PSF-5 @ 0-6"-R	V				V							V		V	V

Relinquished By: Joel Lowry	Date: 2/8/22 Time: 14:20	Received By: Jodi Henson	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
			REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -13 Corrected Temp. °C -13.5	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) JH	Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	Legacy Reserves	P.O. #:	My Legacy
Project Manager:	Joel Lowry	Company:	Etech Env
Address:	2617 W Marland	Attn:	Joel Lowry
City:	Hobbs	State: NM Zip:	88240
Phone #:		Fax #:	
Project #:		Project Owner:	
Project Name:	Penroc State Reclamation		
Project Location:	Rural Lea		
Sampler Name:	Joel Lowry		

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	Cl-										
H220483																										
11	PSF-6 @ 0-6"-R	C											2/6/22		X	X										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 2/8/22	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 14:20	Jodi Henson	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C -1.3	Sample Condition Cool Intact	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C -1.3.5	☑ Yes ☑ Yes ☐ No ☐ No	

Turnaround Time: Standard ☑ Rush ☐ Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

Thermometer ID #113
Correction Factor -0.5°C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

PENROC STATE BJ #1 AND #3 REMEDIATION / RECLAMATION

35-17S-35E, LEA COUNTY, NM

NMOCD INCIDENT ID - nAPP2122260724

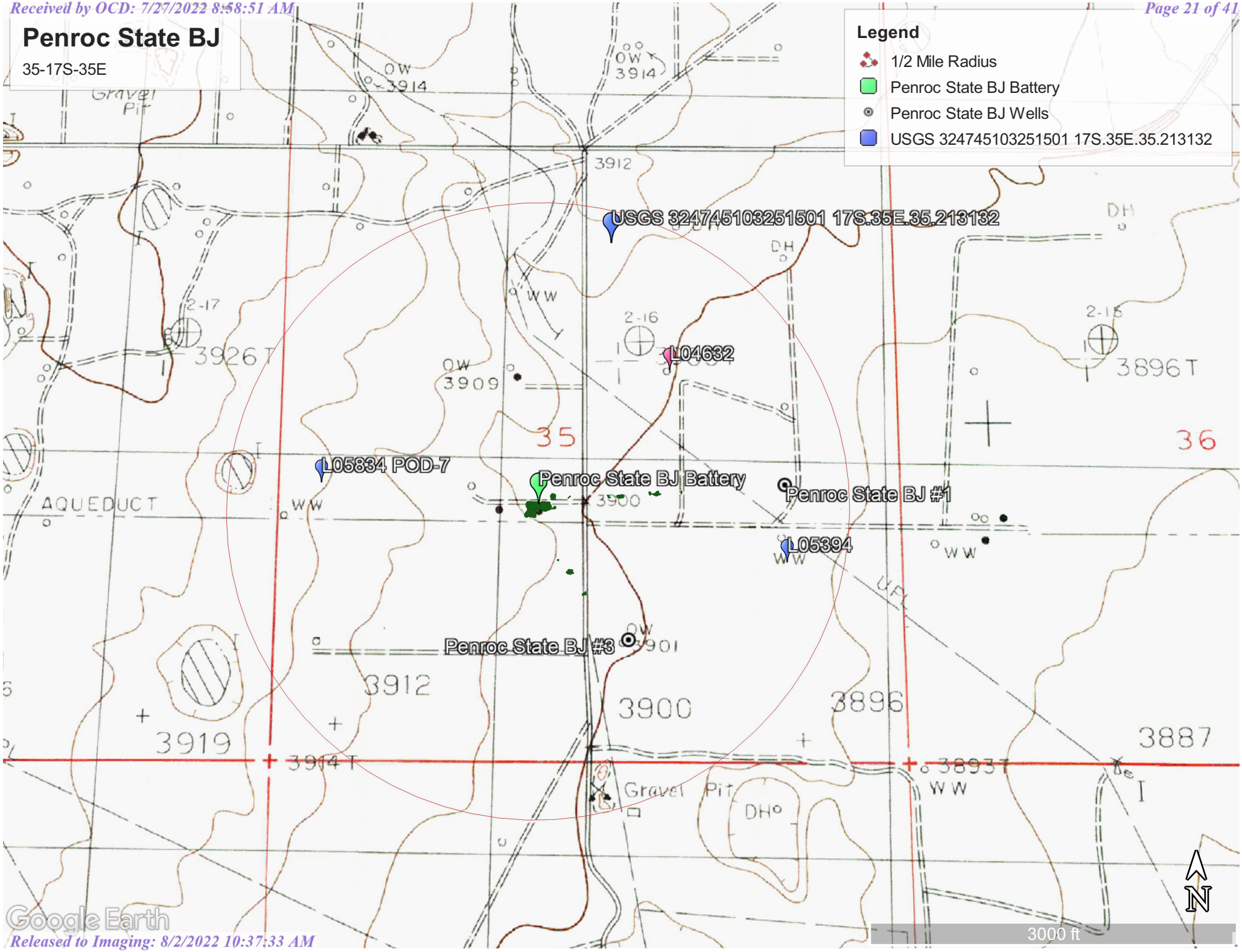
GROUNDWATER DEPTH DETERMINATION

A review of groundwater data available from the New Mexico Office of the State Engineer (NMOSE) revealed 3 existing wells with groundwater depth information within ½ mile of the project site. These wells are listed below for informational purposes. However, due to the lack of water level data within the last 25 years, these wells were not relied upon for the groundwater depth determination.

NMOSE Water Well Data

Well ID	Use	POD Status	Well Depth	Water Depth (ft)	Distance from Site(ft)	utm_easting	utm_northing	Completed Date
L 05834 POD7	IND	ACT	220	64	1842	646481	3629131	Fri Jan 21 1972
L 04632	PRO	PLG	130	40	1639	647382	3629443	Sat Apr 22 1961
L 05394	IRR	ACT	120	62	2179	647690	3628943	Wed Feb 03 1965

A review of the United States Geological Survey (USGS) National Water Information System Mapper indicated an active USGS groundwater monitoring site, #324745103251501, located approximately 2,400 feet North-northeast of the Penroc State BJ tank battery site. The USGS site includes water level data from 1940 through 2021. The most recently published water level measurements from the site, in December 2021, indicate that groundwater occurs in the Ogallala Formation at a depth of approximately 58 feet below ground surface. Tabular data from the USGS site and a map depicting the USGS site relative to the Penroc State BJ location and NMOSE sites are enclosed.


Penroc State BJ
35-17S-35E
Legend
1/2 Mile Radius
Penroc State BJ Battery
Penroc State BJ Wells
USGS 324745103251501 17S.35E.35.213132
USGS 324745103251501 17S.35E.35.213132
L04632
L05834 POD-7
Penroc State BJ Battery
Penroc State BJ #1
L05394
Penroc State BJ #3
35
36
3926 T
3896 T
3914 T
3893 T
3912
3900
3896
3887
3919
3909
3901
AQUEDUCT
Gravel Pit
Gravel Pit
DH
OW
WW
2-16
2-17
UPRR
Google Earth
3000 ft
N

USGS 324745103251501 17S.35E.35.213132
Lea County, New Mexico
Latitude 32°47'46.3", Longitude 103°25'39.7" NAD83
Land-surface elevation 3,908 feet above NAVD88
The depth of the well is 121 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.
Data downloaded from https://maps.waterdata.usgs.gov/mapper/index.html

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
12/22/2021	19:02 UTC	m	62610		3848.49	NGVD29	1	V	USGS	S	A
12/22/2021	19:02 UTC	m	62611		3849.94	NAVD88	1	V	USGS	S	A
12/22/2021	19:02 UTC	m	72019	58.06			1	V	USGS	S	A
12/31/2020	20:46 UTC	m	62610		3849.23	NGVD29	1	S	USGS	S	A
12/31/2020	20:46 UTC	m	62611		3850.68	NAVD88	1	S	USGS	S	A
12/31/2020	20:46 UTC	m	72019	57.32			1	S	USGS	S	A
1/6/2016	22:48 UTC	m	62610		3851.06	NGVD29	1	S	USGS	S	A
1/6/2016	22:48 UTC	m	62611		3852.51	NAVD88	1	S	USGS	S	A
1/6/2016	22:48 UTC	m	72019	55.49			1	S	USGS	S	A
2/22/2006	17:44 UTC	m	62610		3854.42	NGVD29	1	S	USGS	S	A
2/22/2006	17:44 UTC	m	62611		3855.87	NAVD88	1	S	USGS	S	A
2/22/2006	17:44 UTC	m	72019	52.13			1	S	USGS	S	A
1/16/2001		D	62610		3854.32	NGVD29	1	S			A
1/16/2001		D	62611		3855.77	NAVD88	1	S			A
1/16/2001		D	72019	52.23			1	S			A
2/8/1996		D	62610		3856.14	NGVD29	1	S			A
2/8/1996		D	62611		3857.59	NAVD88	1	S			A
2/8/1996		D	72019	50.41			1	S			A
4/9/1986		D	62610		3859.16	NGVD29	1	Z			A
4/9/1986		D	62611		3860.61	NAVD88	1	Z			A
4/9/1986		D	72019	47.39			1	Z			A
1/21/1981		D	62610		3861.37	NGVD29	1	Z			A
1/21/1981		D	62611		3862.82	NAVD88	1	Z			A
1/21/1981		D	72019	45.18			1	Z			A
3/4/1976		D	62610		3864	NGVD29	1	Z			A
3/4/1976		D	62611		3865.45	NAVD88	1	Z			A
3/4/1976		D	72019	42.55			1	Z			A
2/12/1971		D	62610		3864.81	NGVD29	1	Z			A
2/12/1971		D	62611		3866.26	NAVD88	1	Z			A
2/12/1971		D	72019	41.74			1	Z			A
1/5/1970		D	62610		3865.29	NGVD29	1	Z			A
1/5/1970		D	62611		3866.74	NAVD88	1	Z			A
1/5/1970		D	72019	41.26			1	Z			A
1/14/1969		D	62610		3865.69	NGVD29	1	Z			A
1/14/1969		D	62611		3867.14	NAVD88	1	Z			A
1/14/1969		D	72019	40.86			1	Z			A
1/2/1968		D	62610		3866.15	NGVD29	1	Z			A
1/2/1968		D	62611		3867.6	NAVD88	1	Z			A
1/2/1968		D	72019	40.4			1	Z			A
1/3/1967		D	62610		3867.34	NGVD29	1	Z			A
1/3/1967		D	62611		3868.79	NAVD88	1	Z			A
1/3/1967		D	72019	39.21			1	Z			A
9/27/1966		D	62610		3867.41	NGVD29	1	Z			A
9/27/1966		D	62611		3868.86	NAVD88	1	Z			A
9/27/1966		D	72019	39.14			1	Z			A
2/7/1966		D	62610		3866.63	NGVD29	1	Z			A
2/7/1966		D	62611		3868.08	NAVD88	1	Z			A
2/7/1966		D	72019	39.92			1	Z			A
9/13/1965		D	62610		3866.8	NGVD29	1	Z			A
9/13/1965		D	62611		3868.25	NAVD88	1	Z			A
9/13/1965		D	72019	39.75			1	Z			A
2/10/1965		D	62610		3867.28	NGVD29	1	Z			A
2/10/1965		D	62611		3868.73	NAVD88	1	Z			A
2/10/1965		D	72019	39.27			1	Z			A
9/15/1964		D	62610		3867.47	NGVD29	1	Z			A
9/15/1964		D	62611		3868.92	NAVD88	1	Z			A
9/15/1964		D	72019	39.08			1	Z			A
2/10/1964		D	62610		3867.67	NGVD29	1	Z			A
2/10/1964		D	62611		3869.12	NAVD88	1	Z			A
2/10/1964		D	72019	38.88			1	Z			A
9/23/1963		D	62610		3867.67	NGVD29	1	Z			A
9/23/1963		D	62611		3869.12	NAVD88	1	Z			A
9/23/1963		D	72019	38.88			1	Z			A
2/18/1963		D	62610		3867.55	NGVD29	1	Z			A
2/18/1963		D	62611		3869	NAVD88	1	Z			A
2/18/1963		D	72019	39			1	Z			A
9/24/1962		D	62610		3867.31	NGVD29	1	Z			A
9/24/1962		D	62611		3868.76	NAVD88	1	Z			A
9/24/1962		D	72019	39.24			1	Z			A
6/19/1962		D	62610		3867.36	NGVD29	1	Z			A
6/19/1962		D	62611		3868.81	NAVD88	1	Z			A

6/19/1962		D	72019	39.19			1	Z		A
3/27/1962		D	62610		3867.67	NGVD29	1	Z		A
3/27/1962		D	62611		3869.12	NAVD88	1	Z		A
3/27/1962		D	72019	38.88			1	Z		A
1/16/1962		D	62610		3867.84	NGVD29	1	Z		A
1/16/1962		D	62611		3869.29	NAVD88	1	Z		A
1/16/1962		D	72019	38.71			1	Z		A
9/6/1961		D	62610		3868.16	NGVD29	1	Z		A
9/6/1961		D	62611		3869.61	NAVD88	1	Z		A
9/6/1961		D	72019	38.39			1	Z		A
6/1/1961		D	62610		3868.09	NGVD29	1	Z		A
6/1/1961		D	62611		3869.54	NAVD88	1	Z		A
6/1/1961		D	72019	38.46			1	Z		A
3/27/1961		D	62610		3868.26	NGVD29	1	Z		A
3/27/1961		D	62611		3869.71	NAVD88	1	Z		A
3/27/1961		D	72019	38.29			1	Z		A
1/17/1961		D	62610		3868.3	NGVD29	1	Z		A
1/17/1961		D	62611		3869.75	NAVD88	1	Z		A
1/17/1961		D	72019	38.25			1	Z		A
9/1/1960		D	62610		3868.05	NGVD29	1	Z		A
9/1/1960		D	62611		3869.5	NAVD88	1	Z		A
9/1/1960		D	72019	38.5			1	Z		A
6/2/1960		D	62610		3867.07	NGVD29	1	Z		A
6/2/1960		D	62611		3868.52	NAVD88	1	Z		A
6/2/1960		D	72019	39.48			1	Z		A
3/23/1960		D	62610		3867.17	NGVD29	1	Z		A
3/23/1960		D	62611		3868.62	NAVD88	1	Z		A
3/23/1960		D	72019	39.38			1	Z		A
1/15/1960		D	62610		3867.23	NGVD29	1	Z		A
1/15/1960		D	62611		3868.68	NAVD88	1	Z		A
1/15/1960		D	72019	39.32			1	Z		A
9/15/1959		D	62610		3867.36	NGVD29	1	Z		A
9/15/1959		D	62611		3868.81	NAVD88	1	Z		A
9/15/1959		D	72019	39.19			1	Z		A
6/2/1959		D	62610		3867.66	NGVD29	1	Z		A
6/2/1959		D	62611		3869.11	NAVD88	1	Z		A
6/2/1959		D	72019	38.89			1	Z		A
3/10/1959		D	62610		3867.58	NGVD29	1	Z		A
3/10/1959		D	62611		3869.03	NAVD88	1	Z		A
3/10/1959		D	72019	38.97			1	Z		A
1/18/1959		D	62610		3868.61	NGVD29	1	Z		A
1/18/1959		D	62611		3870.06	NAVD88	1	Z		A
1/18/1959		D	72019	37.94			1	Z		A
9/10/1958		D	62610		3866.51	NGVD29	1	Z		A
9/10/1958		D	62611		3867.96	NAVD88	1	Z		A
9/10/1958		D	72019	40.04			1	Z		A
6/25/1958		D	62610		3866.57	NGVD29	1	Z		A
6/25/1958		D	62611		3868.02	NAVD88	1	Z		A
6/25/1958		D	72019	39.98			1	Z		A
3/18/1958		D	62610		3866.65	NGVD29	1	Z		A
3/18/1958		D	62611		3868.1	NAVD88	1	Z		A
3/18/1958		D	72019	39.9			1	Z		A
1/15/1958		D	62610		3866.67	NGVD29	1	Z		A
1/15/1958		D	62611		3868.12	NAVD88	1	Z		A
1/15/1958		D	72019	39.88			1	Z		A
9/11/1957		D	62610		3866.68	NGVD29	1	Z		A
9/11/1957		D	62611		3868.13	NAVD88	1	Z		A
9/11/1957		D	72019	39.87			1	Z		A
6/6/1957		D	62610		3866.59	NGVD29	1	Z		A
6/6/1957		D	62611		3868.04	NAVD88	1	Z		A
6/6/1957		D	72019	39.96			1	Z		A
3/6/1957		D	62610		3866.63	NGVD29	1	Z		A
3/6/1957		D	62611		3868.08	NAVD88	1	Z		A
3/6/1957		D	72019	39.92			1	Z		A
1/23/1957		D	62610		3866.65	NGVD29	1	Z		A
1/23/1957		D	62611		3868.1	NAVD88	1	Z		A
1/23/1957		D	72019	39.9			1	Z		A
11/30/1956		D	62610		3866.62	NGVD29	1	Z		A
11/30/1956		D	62611		3868.07	NAVD88	1	Z		A
11/30/1956		D	72019	39.93			1	Z		A
9/6/1956		D	62610		3866.61	NGVD29	1	Z		A
9/6/1956		D	62611		3868.06	NAVD88	1	Z		A
9/6/1956		D	72019	39.94			1	Z		A
7/26/1956		D	62610		3866.62	NGVD29	1	Z		A
7/26/1956		D	62611		3868.07	NAVD88	1	Z		A
7/26/1956		D	72019	39.93			1	Z		A
5/9/1956		D	62610		3866.71	NGVD29	1	Z		A
5/9/1956		D	62611		3868.16	NAVD88	1	Z		A
5/9/1956		D	72019	39.84			1	Z		A
3/14/1956		D	62610		3866.73	NGVD29	1	Z		A
3/14/1956		D	62611		3868.18	NAVD88	1	Z		A
3/14/1956		D	72019	39.82			1	Z		A
1/5/1956		D	62610		3866.72	NGVD29	1	Z		A
1/5/1956		D	62611		3868.17	NAVD88	1	Z		A
1/5/1956		D	72019	39.83			1	Z		A
11/28/1955		D	62610		3866.66	NGVD29	1	Z		A

11/28/1955		D	62611		3868.11	NAVD88	1	Z		A
11/28/1955		D	72019	39.89			1	Z		A
9/23/1955		D	62610		3866.59	NGVD29	1	Z		A
9/23/1955		D	62611		3868.04	NAVD88	1	Z		A
9/23/1955		D	72019	39.96			1	Z		A
7/15/1955		D	62610		3866.63	NGVD29	1	Z		A
7/15/1955		D	62611		3868.08	NAVD88	1	Z		A
7/15/1955		D	72019	39.92			1	Z		A
5/27/1955		D	62610		3866.65	NGVD29	1	Z		A
5/27/1955		D	62611		3868.1	NAVD88	1	Z		A
5/27/1955		D	72019	39.9			1	Z		A
3/19/1955		D	62610		3866.72	NGVD29	1	Z		A
3/19/1955		D	62611		3868.17	NAVD88	1	Z		A
3/19/1955		D	72019	39.83			1	Z		A
1/6/1955		D	62610		3866.76	NGVD29	1	Z		A
1/6/1955		D	62611		3868.21	NAVD88	1	Z		A
1/6/1955		D	72019	39.79			1	Z		A
11/9/1954		D	62610		3866.78	NGVD29	1	Z		A
11/9/1954		D	62611		3868.23	NAVD88	1	Z		A
11/9/1954		D	72019	39.77			1	Z		A
9/15/1954		D	62610		3866.82	NGVD29	1	Z		A
9/15/1954		D	62611		3868.27	NAVD88	1	Z		A
9/15/1954		D	72019	39.73			1	Z		A
7/13/1954		D	62610		3866.87	NGVD29	1	Z		A
7/13/1954		D	62611		3868.32	NAVD88	1	Z		A
7/13/1954		D	72019	39.68			1	Z		A
5/11/1954		D	62610		3866.89	NGVD29	1	Z		A
5/11/1954		D	62611		3868.34	NAVD88	1	Z		A
5/11/1954		D	72019	39.66			1	Z		A
3/2/1954		D	62610		3866.9	NGVD29	1	Z		A
3/2/1954		D	62611		3868.35	NAVD88	1	Z		A
3/2/1954		D	72019	39.65			1	Z		A
1/11/1954		D	62610		3866.92	NGVD29	1	Z		A
1/11/1954		D	62611		3868.37	NAVD88	1	Z		A
1/11/1954		D	72019	39.63			1	Z		A
11/20/1953		D	62610		3866.94	NGVD29	1	Z		A
11/20/1953		D	62611		3868.39	NAVD88	1	Z		A
11/20/1953		D	72019	39.61			1	Z		A
9/3/1953		D	62610		3866.93	NGVD29	1	Z		A
9/3/1953		D	62611		3868.38	NAVD88	1	Z		A
9/3/1953		D	72019	39.62			1	Z		A
7/22/1953		D	62610		3866.97	NGVD29	1	Z		A
7/22/1953		D	62611		3868.42	NAVD88	1	Z		A
7/22/1953		D	72019	39.58			1	Z		A
5/23/1953		D	62610		3866.99	NGVD29	1	Z		A
5/23/1953		D	62611		3868.44	NAVD88	1	Z		A
5/23/1953		D	72019	39.56			1	Z		A
3/24/1953		D	62610		3867.02	NGVD29	1	Z		A
3/24/1953		D	62611		3868.47	NAVD88	1	Z		A
3/24/1953		D	72019	39.53			1	Z		A
1/7/1953		D	62610		3867.07	NGVD29	1	Z		A
1/7/1953		D	62611		3868.52	NAVD88	1	Z		A
1/7/1953		D	72019	39.48			1	Z		A
11/19/1952		D	62610		3867.08	NGVD29	1	Z		A
11/19/1952		D	62611		3868.53	NAVD88	1	Z		A
11/19/1952		D	72019	39.47			1	Z		A
9/18/1952		D	62610		3867.12	NGVD29	1	Z		A
9/18/1952		D	62611		3868.57	NAVD88	1	Z		A
9/18/1952		D	72019	39.43			1	Z		A
7/22/1952		D	62610		3867.17	NGVD29	1	Z		A
7/22/1952		D	62611		3868.62	NAVD88	1	Z		A
7/22/1952		D	72019	39.38			1	Z		A
5/24/1952		D	62610		3867.18	NGVD29	1	Z		A
5/24/1952		D	62611		3868.63	NAVD88	1	Z		A
5/24/1952		D	72019	39.37			1	Z		A
3/22/1952		D	62610		3867.25	NGVD29	1	Z		A
3/22/1952		D	62611		3868.7	NAVD88	1	Z		A
3/22/1952		D	72019	39.3			1	Z		A
1/4/1952		D	62610		3867.29	NGVD29	1	Z		A
1/4/1952		D	62611		3868.74	NAVD88	1	Z		A
1/4/1952		D	72019	39.26			1	Z		A
11/21/1951		D	62610		3867.28	NGVD29	1	Z		A
11/21/1951		D	62611		3868.73	NAVD88	1	Z		A
11/21/1951		D	72019	39.27			1	Z		A
9/21/1951		D	62610		3867.32	NGVD29	1	Z		A
9/21/1951		D	62611		3868.77	NAVD88	1	Z		A
9/21/1951		D	72019	39.23			1	Z		A
7/25/1951		D	62610		3867.35	NGVD29	1	Z		A
7/25/1951		D	62611		3868.8	NAVD88	1	Z		A
7/25/1951		D	72019	39.2			1	Z		A
5/22/1951		D	62610		3867.37	NGVD29	1	Z		A
5/22/1951		D	62611		3868.82	NAVD88	1	Z		A
5/22/1951		D	72019	39.18			1	Z		A
3/24/1951		D	62610		3867.4	NGVD29	1	Z		A
3/24/1951		D	62611		3868.85	NAVD88	1	Z		A
3/24/1951		D	72019	39.15			1	Z		A

1/21/1951		D	62610		3867.42	NGVD29	1	Z		A
1/21/1951		D	62611		3868.87	NAVD88	1	Z		A
1/21/1951		D	72019	39.13			1	Z		A
11/18/1950		D	62610		3867.41	NGVD29	1	Z		A
11/18/1950		D	62611		3868.86	NAVD88	1	Z		A
11/18/1950		D	72019	39.14			1	Z		A
9/21/1950		D	62610		3867.33	NGVD29	1	Z		A
9/21/1950		D	62611		3868.78	NAVD88	1	Z		A
9/21/1950		D	72019	39.22			1	Z		A
7/21/1950		D	62610		3867.35	NGVD29	1	Z		A
7/21/1950		D	62611		3868.8	NAVD88	1	Z		A
7/21/1950		D	72019	39.2			1	Z		A
5/17/1950		D	62610		3867.41	NGVD29	1	Z		A
5/17/1950		D	62611		3868.86	NAVD88	1	Z		A
5/17/1950		D	72019	39.14			1	Z		A
3/24/1950		D	62610		3867.45	NGVD29	1	Z		A
3/24/1950		D	62611		3868.9	NAVD88	1	Z		A
3/24/1950		D	72019	39.1			1	Z		A
1/18/1950		D	62610		3867.45	NGVD29	1	Z		A
1/18/1950		D	62611		3868.9	NAVD88	1	Z		A
1/18/1950		D	72019	39.1			1	Z		A
11/17/1949		D	62610		3867.44	NGVD29	1	Z		A
11/17/1949		D	62611		3868.89	NAVD88	1	Z		A
11/17/1949		D	72019	39.11			1	Z		A
9/23/1949		D	62610		3867.45	NGVD29	1	Z		A
9/23/1949		D	62611		3868.9	NAVD88	1	Z		A
9/23/1949		D	72019	39.1			1	Z		A
7/27/1949		D	62610		3867.52	NGVD29	1	Z		A
7/27/1949		D	62611		3868.97	NAVD88	1	Z		A
7/27/1949		D	72019	39.03			1	Z		A
5/23/1949		D	62610		3867.54	NGVD29	1	Z		A
5/23/1949		D	62611		3868.99	NAVD88	1	Z		A
5/23/1949		D	72019	39.01			1	Z		A
3/22/1949		D	62610		3867.63	NGVD29	1	Z		A
3/22/1949		D	62611		3869.08	NAVD88	1	Z		A
3/22/1949		D	72019	38.92			1	Z		A
1/22/1949		D	62610		3867.62	NGVD29	1	Z		A
1/22/1949		D	62611		3869.07	NAVD88	1	Z		A
1/22/1949		D	72019	38.93			1	Z		A
11/17/1948		D	62610		3867.64	NGVD29	1	Z		A
11/17/1948		D	62611		3869.09	NAVD88	1	Z		A
11/17/1948		D	72019	38.91			1	Z		A
9/25/1948		D	62610		3867.65	NGVD29	1	Z		A
9/25/1948		D	62611		3869.1	NAVD88	1	Z		A
9/25/1948		D	72019	38.9			1	Z		A
7/24/1948		D	62610		3867.7	NGVD29	1	Z		A
7/24/1948		D	62611		3869.15	NAVD88	1	Z		A
7/24/1948		D	72019	38.85			1	Z		A
5/24/1948		D	62610		3867.74	NGVD29	1	Z		A
5/24/1948		D	62611		3869.19	NAVD88	1	Z		A
5/24/1948		D	72019	38.81			1	Z		A
3/26/1948		D	62610		3867.77	NGVD29	1	Z		A
3/26/1948		D	62611		3869.22	NAVD88	1	Z		A
3/26/1948		D	72019	38.78			1	Z		A
1/16/1948		D	62610		3867.95	NGVD29	1	Z		A
1/16/1948		D	62611		3869.4	NAVD88	1	Z		A
1/16/1948		D	72019	38.6			1	Z		A
11/17/1947		D	62610		3867.83	NGVD29	1	Z		A
11/17/1947		D	62611		3869.28	NAVD88	1	Z		A
11/17/1947		D	72019	38.72			1	Z		A
9/12/1947		D	62610		3867.85	NGVD29	1	Z		A
9/12/1947		D	62611		3869.3	NAVD88	1	Z		A
9/12/1947		D	72019	38.7			1	Z		A
7/27/1947		D	62610		3867.85	NGVD29	1	Z		A
7/27/1947		D	62611		3869.3	NAVD88	1	Z		A
7/27/1947		D	72019	38.7			1	Z		A
5/23/1947		D	62610		3867.85	NGVD29	1	Z		A
5/23/1947		D	62611		3869.3	NAVD88	1	Z		A
5/23/1947		D	72019	38.7			1	Z		A
3/26/1947		D	62610		3867.9	NGVD29	1	Z		A
3/26/1947		D	62611		3869.35	NAVD88	1	Z		A
3/26/1947		D	72019	38.65			1	Z		A
1/17/1947		D	62610		3867.91	NGVD29	1	Z		A
1/17/1947		D	62611		3869.36	NAVD88	1	Z		A
1/17/1947		D	72019	38.64			1	Z		A
11/25/1946		D	62610		3867.91	NGVD29	1	Z		A
11/25/1946		D	62611		3869.36	NAVD88	1	Z		A
11/25/1946		D	72019	38.64			1	Z		A
9/26/1946		D	62610		3867.35	NGVD29	1	Z		A
9/26/1946		D	62611		3868.8	NAVD88	1	Z		A
9/26/1946		D	72019	39.2			1	Z		A
7/22/1946		D	62610		3867.37	NGVD29	1	Z		A
7/22/1946		D	62611		3868.82	NAVD88	1	Z		A
7/22/1946		D	72019	39.18			1	Z		A
5/25/1946		D	62610		3867.38	NGVD29	1	Z		A
5/25/1946		D	62611		3868.83	NAVD88	1	Z		A

5/25/1946		D	72019	39.17			1	Z		A
3/23/1946		D	62610		3867.38	NGVD29	1	Z		A
3/23/1946		D	62611		3868.83	NAVD88	1	Z		A
3/23/1946		D	72019	39.17			1	Z		A
1/31/1946		D	62610		3867.43	NGVD29	1	Z		A
1/31/1946		D	62611		3868.88	NAVD88	1	Z		A
1/31/1946		D	72019	39.12			1	Z		A
11/21/1945		D	62610		3867.45	NGVD29	1	Z		A
11/21/1945		D	62611		3868.9	NAVD88	1	Z		A
11/21/1945		D	72019	39.1			1	Z		A
9/22/1945		D	62610		3867.5	NGVD29	1	Z		A
9/22/1945		D	62611		3868.95	NAVD88	1	Z		A
9/22/1945		D	72019	39.05			1	Z		A
7/27/1945		D	62610		3867.52	NGVD29	1	Z		A
7/27/1945		D	62611		3868.97	NAVD88	1	Z		A
7/27/1945		D	72019	39.03			1	Z		A
5/26/1945		D	62610		3867.57	NGVD29	1	Z		A
5/26/1945		D	62611		3869.02	NAVD88	1	Z		A
5/26/1945		D	72019	38.98			1	Z		A
3/31/1945		D	62610		3867.59	NGVD29	1	Z		A
3/31/1945		D	62611		3869.04	NAVD88	1	Z		A
3/31/1945		D	72019	38.96			1	Z		A
1/12/1945		D	62610		3867.63	NGVD29	1	Z		A
1/12/1945		D	62611		3869.08	NAVD88	1	Z		A
1/12/1945		D	72019	38.92			1	Z		A
11/28/1944		D	62610		3867.6	NGVD29	1	Z		A
11/28/1944		D	62611		3869.05	NAVD88	1	Z		A
11/28/1944		D	72019	38.95			1	Z		A
9/21/1944		D	62610		3867.63	NGVD29	1	Z		A
9/21/1944		D	62611		3869.08	NAVD88	1	Z		A
9/21/1944		D	72019	38.92			1	Z		A
7/26/1944		D	62610		3867.68	NGVD29	1	Z		A
7/26/1944		D	62611		3869.13	NAVD88	1	Z		A
7/26/1944		D	72019	38.87			1	Z		A
5/15/1944		D	62610		3867.7	NGVD29	1	Z		A
5/15/1944		D	62611		3869.15	NAVD88	1	Z		A
5/15/1944		D	72019	38.85			1	Z		A
3/24/1944		D	62610		3867.72	NGVD29	1	Z		A
3/24/1944		D	62611		3869.17	NAVD88	1	Z		A
3/24/1944		D	72019	38.83			1	Z		A
1/16/1944		D	62610		3867.7	NGVD29	1	Z		A
1/16/1944		D	62611		3869.15	NAVD88	1	Z		A
1/16/1944		D	72019	38.85			1	Z		A
11/30/1943		D	62610		3867.71	NGVD29	1	Z		A
11/30/1943		D	62611		3869.16	NAVD88	1	Z		A
11/30/1943		D	72019	38.84			1	Z		A
9/29/1943		D	62610		3867.68	NGVD29	1	Z		A
9/29/1943		D	62611		3869.13	NAVD88	1	Z		A
9/29/1943		D	72019	38.87			1	Z		A
7/28/1943		D	62610		3867.63	NGVD29	1	Z		A
7/28/1943		D	62611		3869.08	NAVD88	1	Z		A
7/28/1943		D	72019	38.92			1	Z		A
5/26/1943		D	62610		3867.63	NGVD29	1	Z		A
5/26/1943		D	62611		3869.08	NAVD88	1	Z		A
5/26/1943		D	72019	38.92			1	Z		A
3/30/1943		D	62610		3867.63	NGVD29	1	Z		A
3/30/1943		D	62611		3869.08	NAVD88	1	Z		A
3/30/1943		D	72019	38.92			1	Z		A
1/22/1943		D	62610		3867.62	NGVD29	1	Z		A
1/22/1943		D	62611		3869.07	NAVD88	1	Z		A
1/22/1943		D	72019	38.93			1	Z		A
11/26/1942		D	62610		3867.57	NGVD29	1	Z		A
11/26/1942		D	62611		3869.02	NAVD88	1	Z		A
11/26/1942		D	72019	38.98			1	Z		A
10/23/1942		D	62610		3867.56	NGVD29	1	Z		A
10/23/1942		D	62611		3869.01	NAVD88	1	Z		A
10/23/1942		D	72019	38.99			1	Z		A
9/27/1942		D	62610		3867.51	NGVD29	1	Z		A
9/27/1942		D	62611		3868.96	NAVD88	1	Z		A
9/27/1942		D	72019	39.04			1	Z		A
7/28/1942		D	62610		3867.42	NGVD29	1	Z		A
7/28/1942		D	62611		3868.87	NAVD88	1	Z		A
7/28/1942		D	72019	39.13			1	Z		A
3/30/1942		D	62610		3867.36	NGVD29	1	Z		A
3/30/1942		D	62611		3868.81	NAVD88	1	Z		A
3/30/1942		D	72019	39.19			1	Z		A
2/5/1942		D	62610		3867.28	NGVD29	1	Z		A
2/5/1942		D	62611		3868.73	NAVD88	1	Z		A
2/5/1942		D	72019	39.27			1	Z		A
11/28/1941		D	62610		3867.02	NGVD29	1	Z		A
11/28/1941		D	62611		3868.47	NAVD88	1	Z		A
11/28/1941		D	72019	39.53			1	Z		A
5/22/1941		D	62610		3865.12	NGVD29	1	Z		A
5/22/1941		D	62611		3866.57	NAVD88	1	Z		A
5/22/1941		D	72019	41.43			1	Z		A
3/30/1941		D	62610		3865.12	NGVD29	1	Z		A

3/30/1941		D	62611		3866.57	NAVD88	1	Z			A
3/30/1941		D	72019	41.43			1	Z			A
1/26/1941		D	62610		3865.1	NGVD29	1	Z			A
1/26/1941		D	62611		3866.55	NAVD88	1	Z			A
1/26/1941		D	72019	41.45			1	Z			A
9/26/1940		D	62610		3865.16	NGVD29	1	Z			A
9/26/1940		D	62611		3866.61	NAVD88	1	Z			A
9/26/1940		D	72019	41.39			1	Z			A

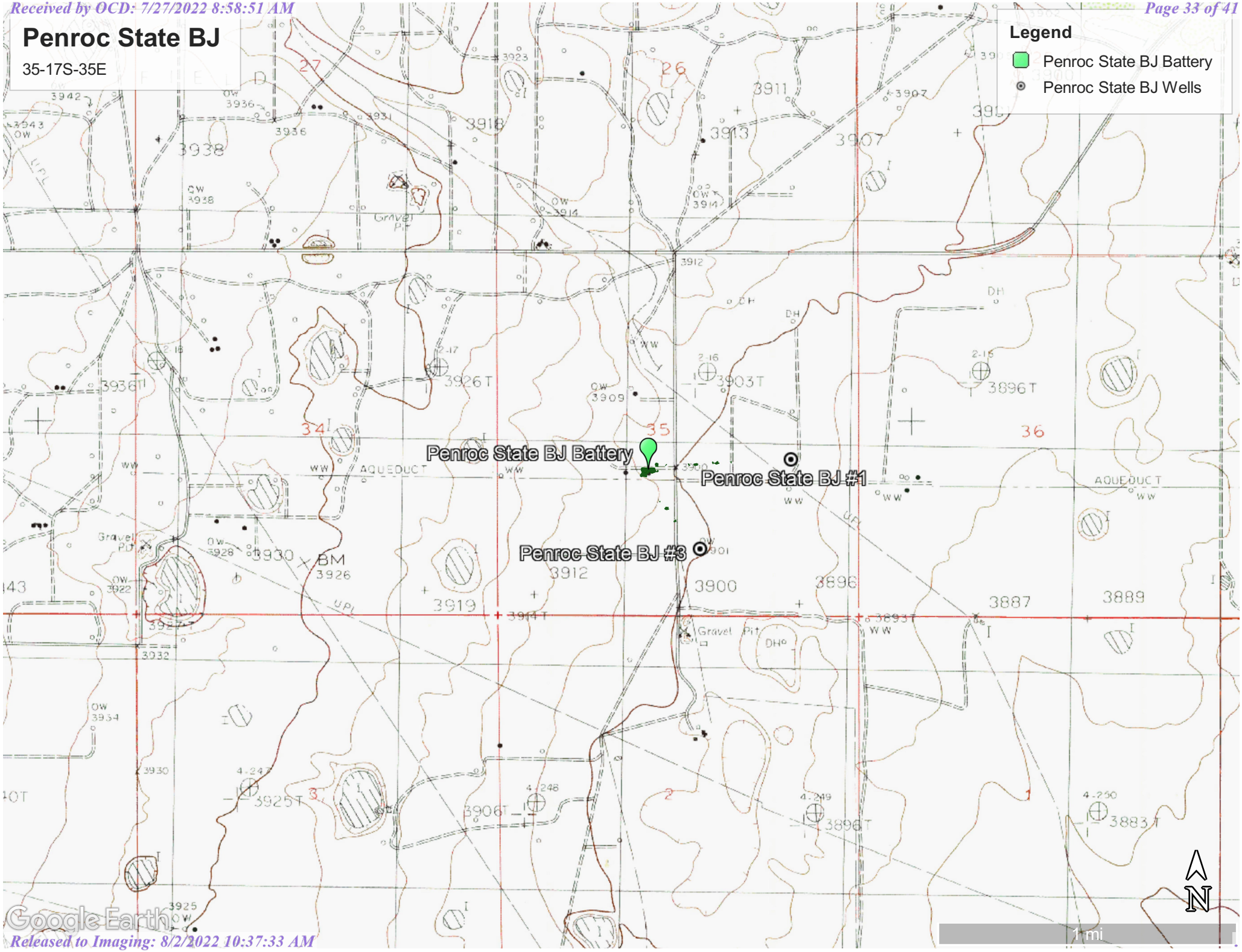
Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.


+32.790139,-103.427595

Penroc State BJ

35-17S-35E



Penroc State BJ Tank Battery and Flowline Remediation/Reclamation Workplan

The Penroc State BJ remediation/reclamation includes a former surface production facility and tank battery site, as well as multiple apparent flowline leak sites as shown on the enclosed maps. Legacy Reserves Operating, LP has no record of spills or releases at the battery or flowline sites since acquiring the lease in 2011. Visible hydrocarbon staining and elevated TPH and chlorides were discovered during removal of the flowlines and production equipment in 2021 following plugging of the Penroc State BJ #1, API #30-025-03026 and Penroc State BJ #3, API# 30-025-03028 wells.

Approximately 800 cubic yards of impacted soil were excavated from the production facility site during the initial characterization of the site. Plans for additional remediation activities are detailed below. It is estimated that site remediation activities will be completed within 60 days of workplan approval.

1) Deepen the existing excavations at the tank battery and heater treater sites to 4 feet below ground surface (bgs) and enlarge the excavated area to encompass the approximate 13,600 sq. ft. area surrounding the current open excavations as shown on the site maps. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

2) Excavate impacted soil within the approximate 2,400 sq. ft. areas North of the Tank Battery access road as shown on the site maps to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

3) Excavate impacted soil within the approximate 2,320 sq. ft. area characterized as Penroc State Flowline No. 1 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

4) Excavate impacted soil within the approximate 2,000 sq. ft. areas characterized as Penroc State Flowline No. 2 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

5) Excavate impacted soil within the approximate 400 sq. ft. area characterized as Penroc State Flowline No. 3 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

6) Excavate impacted soil within the approximate 1,300 sq. ft. area characterized as Penroc State Flowline No. 4 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

7) Excavate impacted soil within the approximate 2,500 sq. ft. area characterized as Penroc State Flowline No. 5 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

8) Excavate impacted soil within the approximate 300 sq. ft. area characterized as Penroc State Flowline No. 6 to a depth of 4 feet bgs. Collect samples from the floor and sidewalls of the excavation and submit for laboratory analysis of BTEX, TPH and chloride concentrations using the methods specified in the Reclamation Targets table.

9) Transport the estimated 4,250 cubic yards of impacted soil to an approved disposal facility for nonhazardous, RCRA exempt E&P waste.

10) Backfill the excavated areas with non-impacted "like" material approved by NMSLO, recontouring the excavated sites as closely as possible to the predevelopment contours.

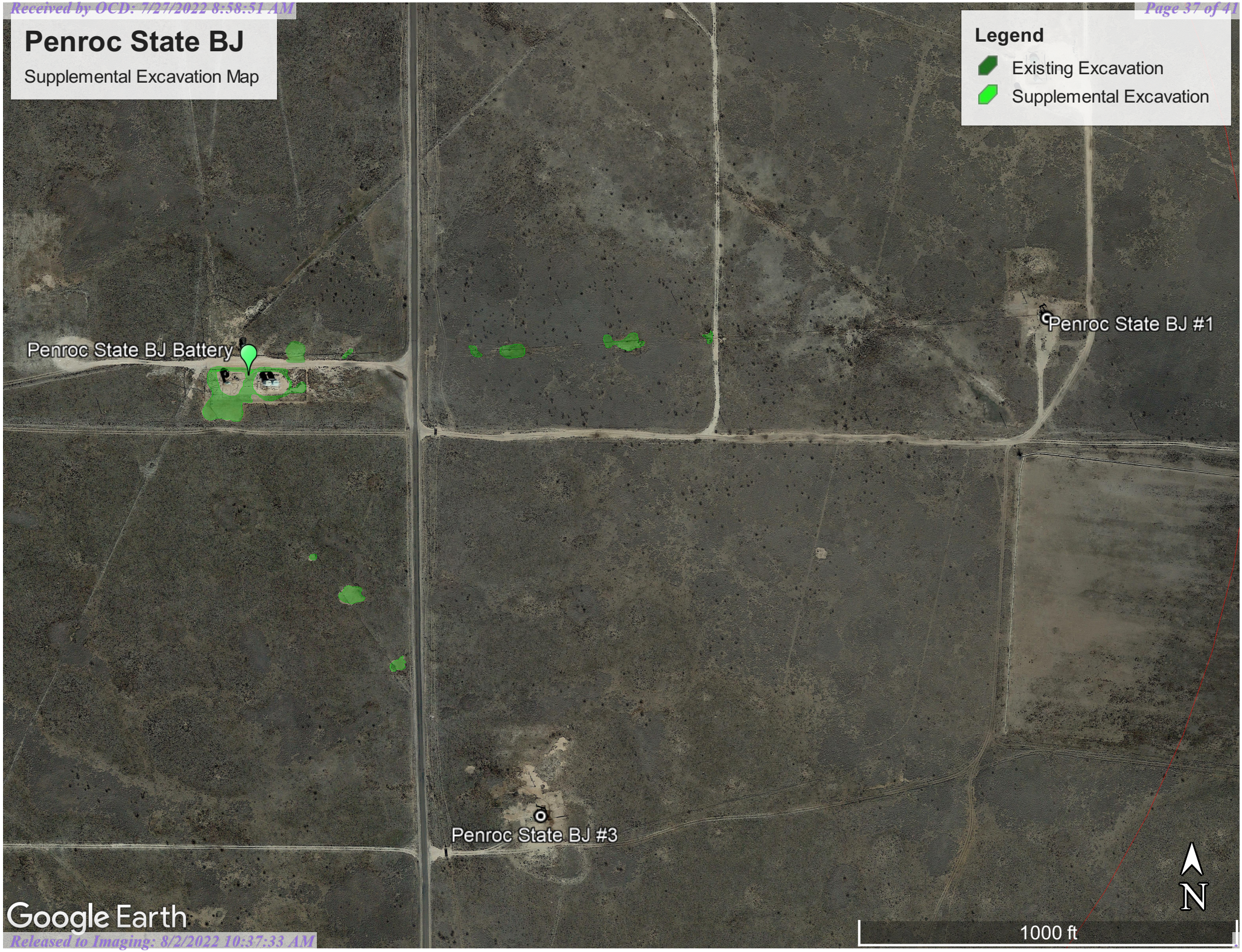
11) Reseed with prescribed seed mix in consultation with NMSLO.

Remediation/Reclamation Criteria for Penroc State BJ Tank Battery and Flowlines

Soil Location and Depth	Constituent	Analytical Method(s)	Remediation/Reclamation Target
Soil remaining in-situ 4 feet or less below ground surface	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg or background
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
Soil remianing in-situ > 4 feet below ground surface	Chloride	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

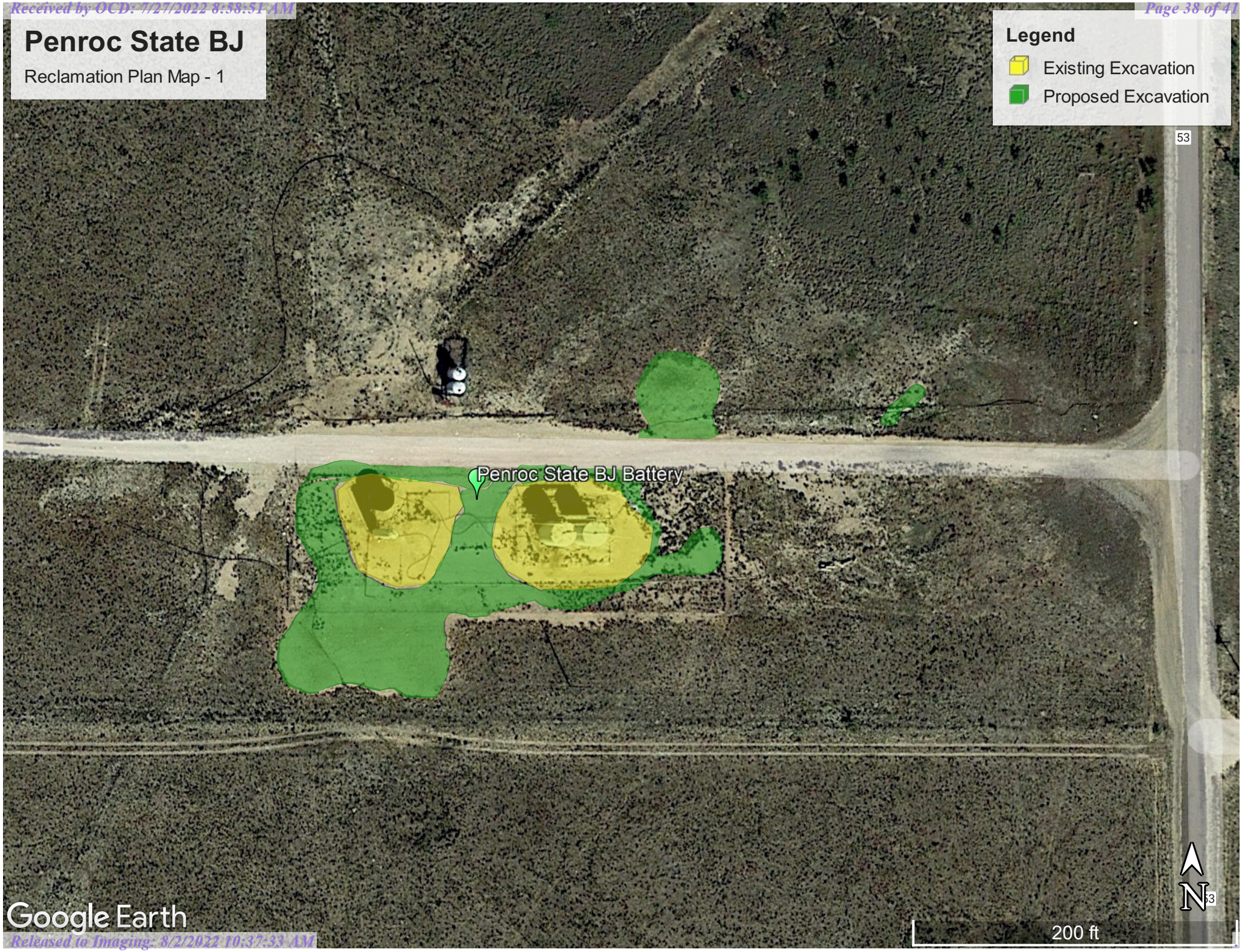
Penroc State BJ

Supplemental Excavation Map



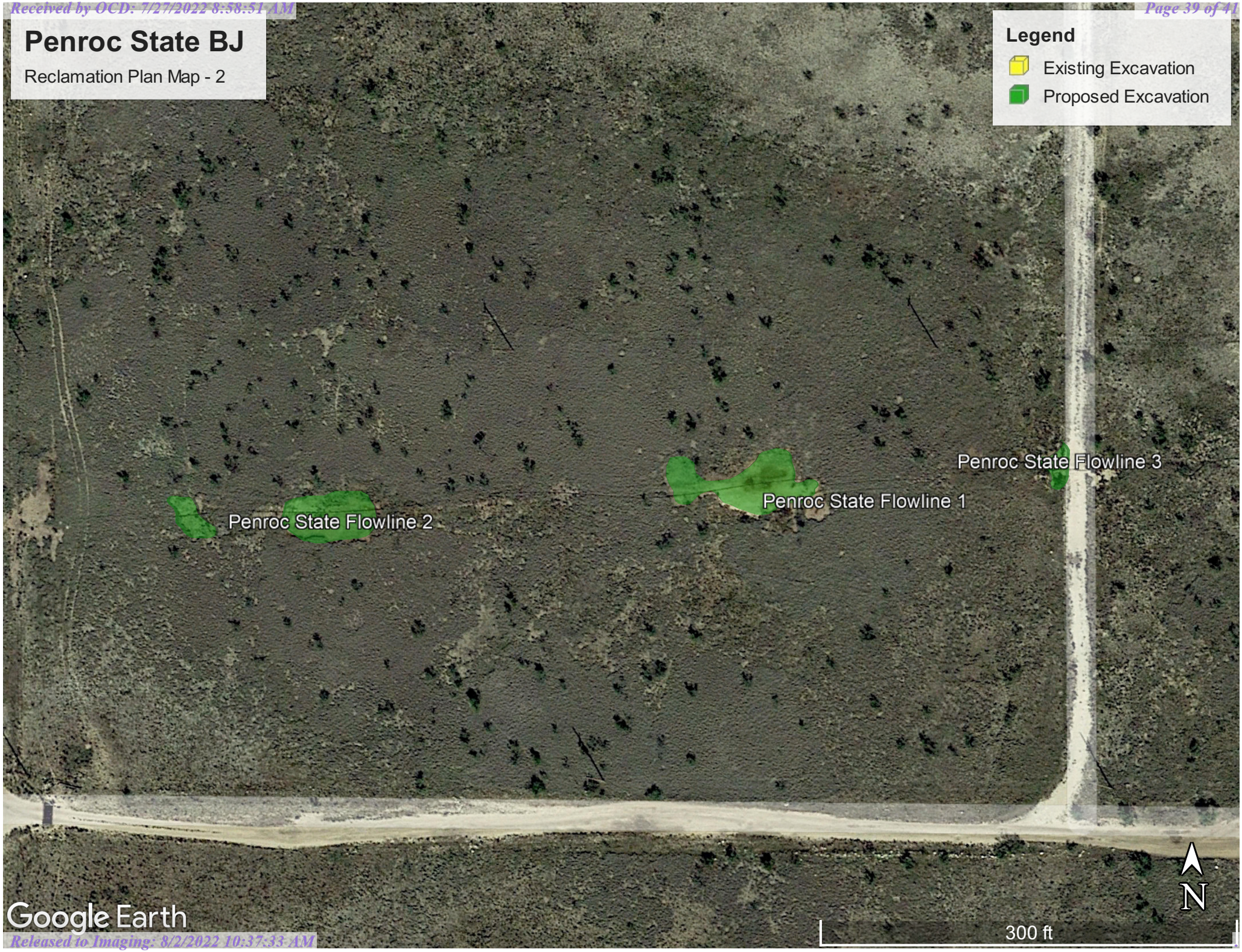
Penroc State BJ

Reclamation Plan Map - 1



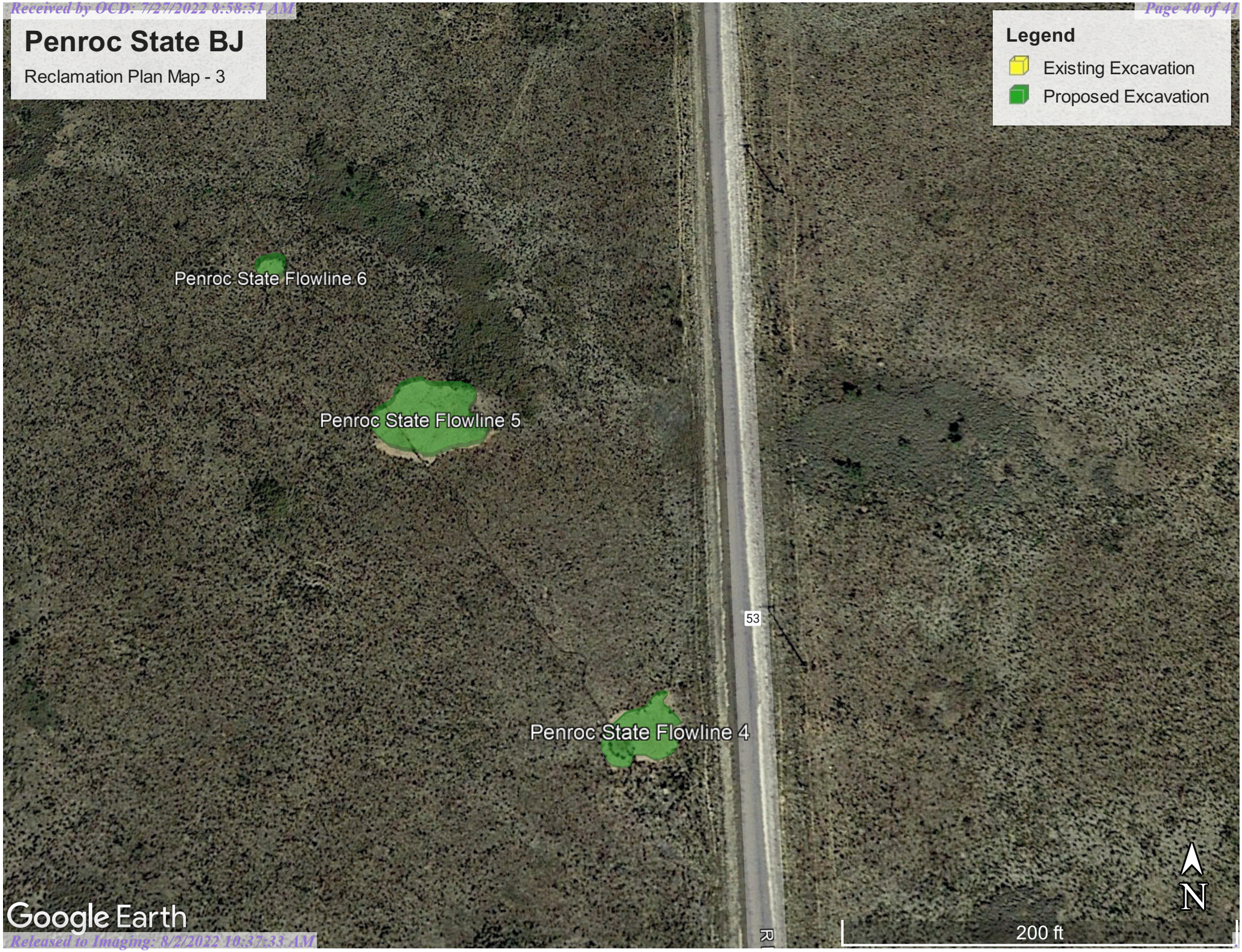
Penroc State BJ

Reclamation Plan Map - 2



Penroc State BJ

Reclamation Plan Map - 3



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

Action 42922

CONDITIONS

Operator:	OGRID:
LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	240974
	Action Number: 42922
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Releases have not been sufficiently delineated, please ensure vertical and horizontal delineation is completed during remediation activities. Please make sure composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than two hundred (200) square feet.	8/2/2022