

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

NOY1732657426

Incident ID	IRP-4879
District RP	Nelson Velez
Facility ID	30-025-43754
Application ID	

Release Notification

Responsible Party

Responsible Party	Steward Energy II, LLC	OGRID
Contact Name	Bill McMann	Contact Telephone 214-297-0500
Contact email	bill.mcmann@stewardenergy.net	Incident # (assigned by OCD) nOY1732657426
Contact mailing address	2600 North Dallas Pkwy, Suite 400 Frisco, TX 75034	

Location of Release Source

Latitude 33.1317966 Longitude -103.0981685
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	HEISENBERG STATE COM #007H	Site Type	Well site
Date Release Discovered	11/20/2017	API# (if applicable)	30-025-43754

Unit Letter	Section	Township	Range	County
J	04	14S	38E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: El Ray Salt Co.)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 80	Volume Recovered (bbls) 80
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 80
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Equipment Failure - Cause of the problem was the 3/8 inch stainless steel nipple on the wellhead failed. Remedial action taken, shut down and shut in well. Closed off location. Made calls as required to report and begin cleanup.

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State of New Mexico
Oil Conservation Division

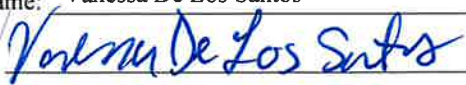
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Incident caused an unauthorized release of a volume of greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Christopher Wilson, Lead Operator via phone to NMOCD.	

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: Vanessa De Los Santos	Title: Senior Analyst- Regulatory & Environmental
Signature: 	Date: 9/6/2023
email: vanessa.delossantos@stewardenergy.com	Telephone: 214-297-0533
<u>OCD Only</u>	
Received by: _____	Date: _____

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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?	60 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.

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Printed Name: Vanessa De Los Santos

Title: Senior Analyst- Regulatory & Environmental

Signature: 

Date: 9/6/2023

email: vanessa.delossantos@stewardenergy.com

Telephone: 214-297-0533

OCD Only

Received by: _____

Date: _____

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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: Vanessa De Los Santos

Title: Senior Analyst- Regulatory & Environmental

Signature:



Date: 9/6/2023

email: vanessa.delossantos@stewardenergy.com

Telephone: 214-297-0500

OCD Only

Received by: Shelly Wells

Date: 9/7/2023

☐ Approved☐ Approved with Attached Conditions of Approval

see text box below - ✓✓

☐ Denied☐ Deferral Approved

Signature:



Date: 09/08/2023

Remediation plan is approved and must meet the following conditions;

- OCD requires those areas that had previously exceeded the reclamation standards to be sampled with a five (5) point composite not to exceed 400 square feet for the applicable constituent(s).
- Steward has 60-days (November 7, 2023) to submit the appropriate or final closure report.

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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: Vanessa De Los Santos Title: Senior Analyst- Regulatory & EnvironmentalSignature:  Date: 9/6/2023email: vanessa.delossantos@stewardenergy.com Telephone: 214-297-0500**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: _____ Date: _____

Printed Name: _____ Title: _____



September 1, 2023

Sphere 3 Project Number: 049998.00

Mr. Nelson Velez
EMNRD - Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87110

**RE: Steward Energy II, LLC (Steward)-nOY1732657426 Heisenberg State Com No. 7H
Remediation Plan**

Dear Mr. Velez:

It is Sphere 3 Environmental's (Sphere 3) understanding from the March 2018 report "Release Characterization Workplan for Heisenberg #007" completed by Remediation & Environmental Xperts, LLC (REX) that on November 20, 2017 at 7:15 am, an unauthorized release of approximately 80 barrels of an oil and produced water mix occurred at the Heisenberg State No. 07H well. The release was reported to New Mexico Energy, Minerals, Natural Resources Department, Oil Conservation Division District 1 (NMOCD) immediately upon discovery by Mr. Christopher Wilson with Steward. The well was shut-in and immediate cleanup efforts began. A vacuum truck was used to recover the entirety of the estimated 80 barrels. The release was primarily restricted to the well pad. A light mist impacted the crop land directly adjacent to the northeast of the well pad. The total impacted area is 16.75 acres, the total offsite impacted area is 16.253 acres. REX conducted site visits in December 2017 and April 2018 to delineate the horizontal and vertical extent of the contaminated area and submitted their findings to the NMOCD. On March 31, 2023, the NMOCD rejected REX's Application ID 202382 for remediation and required additional vertical and horizontal delineation around the areas represented by SP13, SP14, and SP18 (see Site Plan maps). Sphere 3 submitted a workplan for additional delineation at the Heisenberg State Com No. 7H for NMOCD incident nOY1732657426 on May 24, 2023, and it was approved with the addition of several sampling points by Mr. Nelson Velez (NMOCD project contact) on July 6, 2023. On August 23, 2023, 36 samples were collected by Sphere 3 personnel at the Heisenberg State Com No. 07H well pad. Please see the attached site maps for scaled site diagrams. The sample summary table includes Global Positioning System (GPS) coordinates of each sample location and can be found in Attachment D.

The sampling activities follow the guidance from Mr. Velez and are in compliance with rule 19.15.29.11.A(5)(b) New Mexico Administrative Code (NMAC) which verifies that the site's delineation sample results are below the 19.15.29.12 NMAC Table 1 Closure Criteria as well as 19.15.29.13 D(1) for the reclamation of areas no longer in use.

Site Assessment and Characterization

Site Classification and Reconnaissance Details

The Site Closure Criteria Determination was found using 19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release. Sphere 3 mapped all recorded water wells found on the New Mexico Office of the State Engineer website as well as the recorded playa lakes and wetlands found in the current National Wetlands Inventory data. No mapped water wells, playa lakes, or wetlands were identified within 1,000

feet of the Heisenberg State Com No. 7H, except water well L 00559 Pod5. However, according to the information collected by REX on their December 1, 2017 site visit, this water well is not actually located within 1,000 feet of the spill area. Aerial imagery places this water well to the southeast outside of the 1,000-foot area of concern.

A water well search was completed on the NMOSE website for the section, township, and range of the facility. The closest water well, based on field reconnaissance, was found to be 1,366' to the southeast of the well pad, identified as L00559 POD5 by the NMOSE. This water well lists the depth to water at 105 feet below ground surface. However, according to REX's March 2018 report "Release Characterization Workplan for Heisenberg #007H", depth to groundwater was determined to be 60.05 feet from the USGS Caprock CRN well. This information was obtained from the USGS National Water Information System: Web interface. Based on this information, the Site Closure Criteria Determination is based on the concentration limit of a site with a minimum depth below groundwater of 51– 100 feet.

Summary of Delineation and Site Assessment Efforts Performed by REX

Samples collected in December 2017 and April 2018 by REX were compared to 19.15.29.12 NMAC Table 1 Closure Criteria for a minimum depth below groundwater of 51– 100 feet as well as 19.15.29.13 D. (1) for the reclamation of areas no longer in use. Sample spots 13, 14, 18, 21 and 22 were found to have concentrations of chloride and/or total petroleum hydrocarbons (TPH) above these limits. A summary of the samples collected by REX and the associated analytical results can be found in Attachment D.

Summary of Delineation and Site Assessment Efforts Performed by Sphere 3

Sphere 3 completed additional delineation around SP 13, SP 14, SP 18, SP 21 and SP 22 which was needed to determine the vertical and horizontal extent of the spill area per 19.15.29.12 NMAC Table 1 Closure Criteria and the 1 to 4 feet below ground surface (bgs) delineation per 19.15.29.13 D(1) concentrations. To determine the extent of contamination, additional samples from 1 to 4 feet bgs were collected at 1-foot intervals. A backhoe was used to advance each sample point to a depth of 4' or until impenetrable rock was encountered and equipment refusal occurred. A shovel was used to remove any soil that might have been in contact with the backhoe prior to collecting the sample for chemical analysis. This shovel was decontaminated prior to the collection of each sample. Since the zero to one foot interval consisted of rock and caliche, soil sampling began at the one-foot interval where soil was encountered. Equipment refusal occurred as follows: sample point 25 at 29" bgs; sample point 26 at 36" bgs; sample point 27 at 42" bgs; sample point 28 at 32" bgs; sample point 29 at 32" bgs; sample point 30 at 36" bgs; sample point 32 at 36" bgs; sample point 33 at 36" bgs; and sample point 34 at 36" bgs.

Sample points SP 27, SP 32, and SP 33 were collected to the east, west, and south of sample point 13 (Spot #13) and were analyzed for chlorides and TPH. Sample points SP 31 and SP 34 were collected to the west and south of sample point 14 (Spot #14) and were analyzed for TPH. Sample points SP 24, SP 25, SP 26, and SP 28 were collected to the north, east, west, and south of sample point 18 (Spot #18) and were analyzed for chlorides. Sample points SP 32 and SP 22 were collected to the west and south of sample point 22 (SP22) and analyzed for chlorides and TPH. Sample points SP 29 and SP 30 were collected to the northeast and south of sample point 21 (SP22) and were analyzed for chlorides.

Each sample was screened for volatile organic vapors (VOCs) using a Photo Ionization Detector (PID) and for chlorides using sodium chloride strips. None of the field screening readings yielded elevated results above a 10-ppm reading from the PID or above a 1,500-ppm reading from the chloride strips. Disposable nitrile gloves were used to collect each sample. The gloves were disposed of after each sample had been collected, and new gloves were donned for the next sample. All samples were collected in laboratory

supplied sample containers and placed on ice in a cooler. The cooler was hand-delivered to Cardinal Laboratories in Hobbs, NM for analysis on August 23, 2023.

None of the analytical results from samples collected on August 23, 2023 were above 19.15.29.12 NMAC Table 1 Closure Criteria for a minimum depth below groundwater of 51– 100 feet or above 19.15.29.13 D(1) for the reclamation of areas no longer in use concentrations. A summary of the analytical results from the samples collected by Sphere 3 can be found in Attachment D.

Proposed Remediation Plan

Delineation of the area and this proposed remediation plan was completed per 19.15.29.13 D(1) for reclamation of areas no longer in use through the first four feet and per 19.15.29.12 NMAC Table 1 Closure Criteria for a minimum depth below groundwater of 51– 100 feet.

Steward proposes to remove and dispose of contaminated soil above 19.15.29.12 NMAC Table 1 Closure Criteria for a minimum depth below groundwater of 51– 100 feet concentrations at the Heisenberg State Com No. 07H well pad. The area around sample points 18, 21, and 22 will be excavated to a depth of approximately one-foot bgs, and the area around sample point 13 and 14 will be excavated to a depth of approximately four feet bgs. During the proposed remediation activities, the removed soil will be placed on plastic or directly into trucks for removal from the site. Approximately 1,431 cubic yards will be excavated for disposal. Clean soil will be transported to the site for backfill of the excavation area. The approximate areas of remediation can be found outlined on the map in Attachment C.

Steward proposes to utilize the samples collected by REX and Sphere 3 from December 2017 to August 2023 as closure samples after contaminated soils above 19.15.29.12 NMAC Table 1 Closure Criteria for a minimum depth below groundwater of 51– 100 feet concentrations are removed. After remediation efforts are completed, Steward will submit a summary of the remediation activities for closure of Incident nOY1732657426 at the Heisenberg State Com No. 7H.

Upon approval from NMOCD, Steward will immediately schedule the above proposed remediation activities to be completed within 30 days of state approval. Should you have any questions or require any additional information, please call me at 903-297-4673.

Sincerely,



Sphere 3 Environmental, Inc.

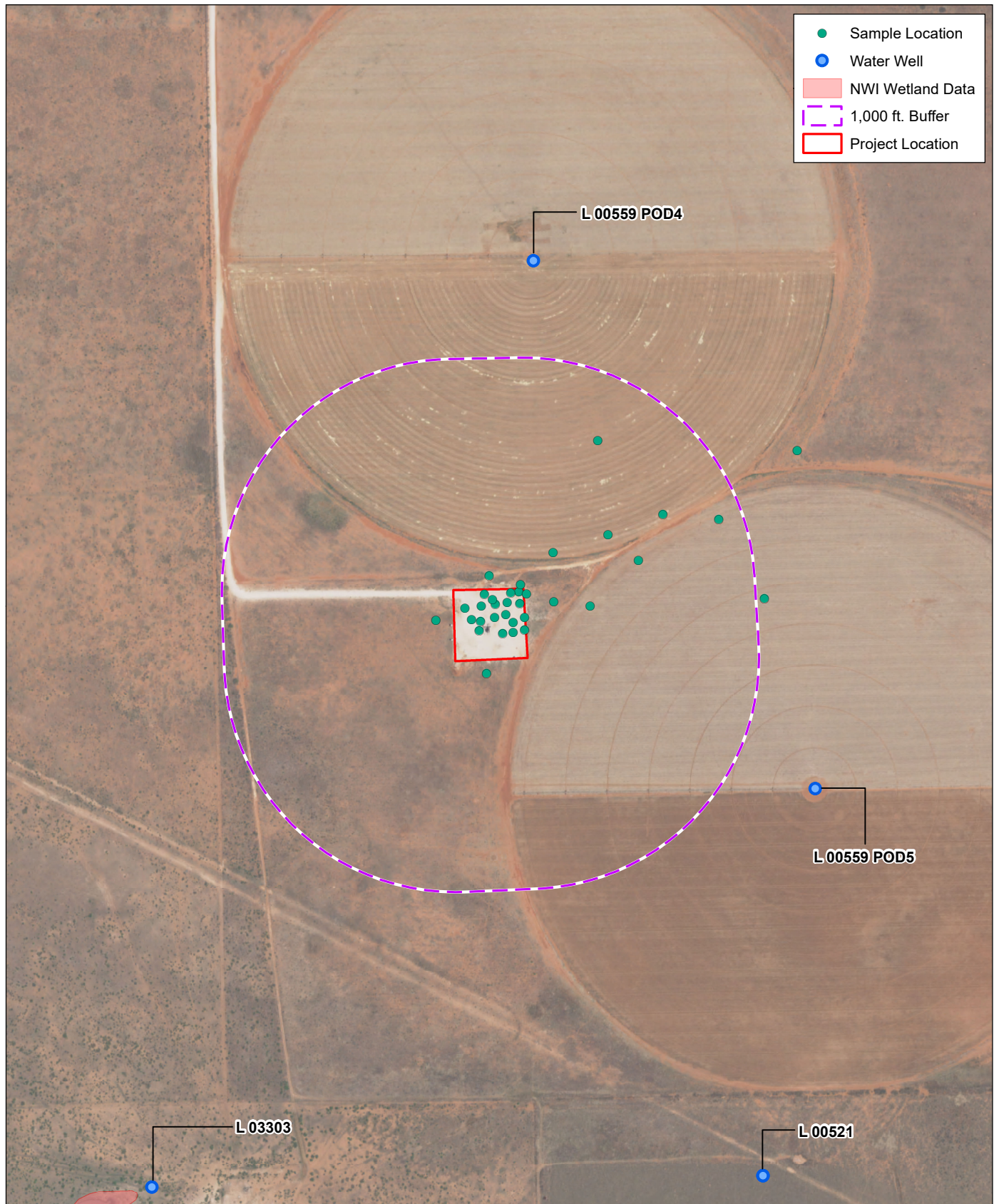
Crissy Forrest, P.G.

Senior Environmental Scientist

Attachments

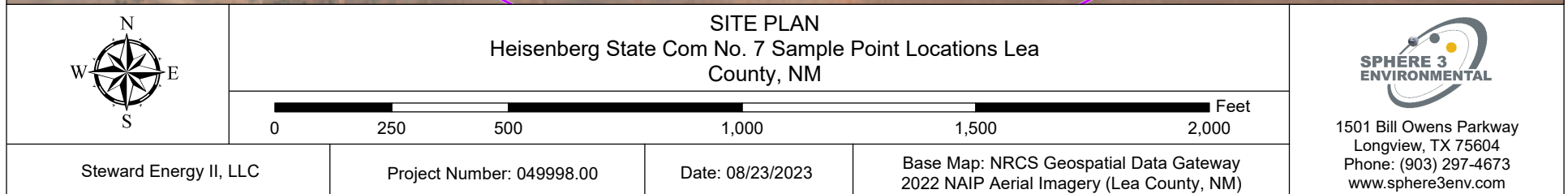
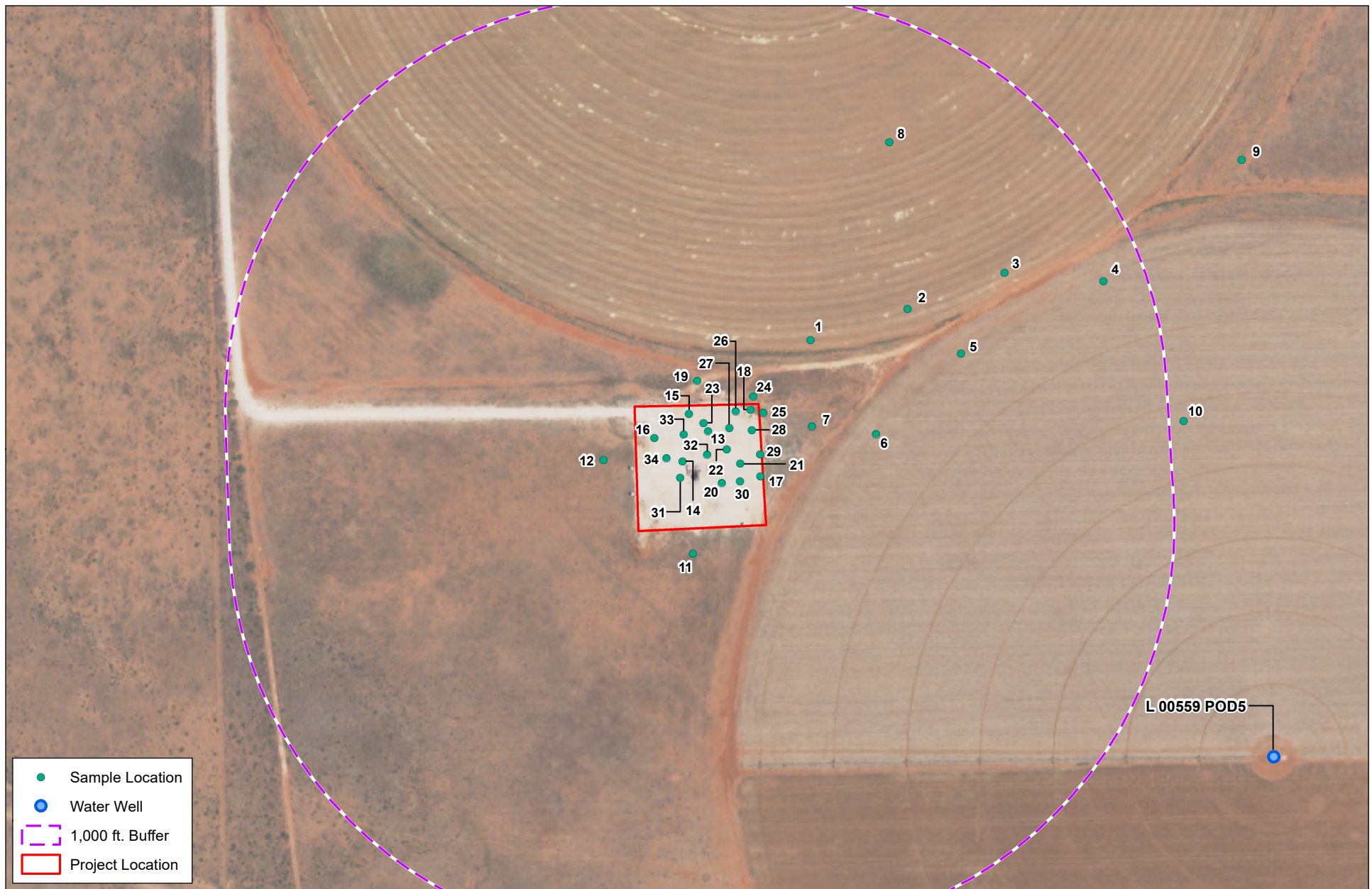
Attachment A

Aerial Map of Area Findings

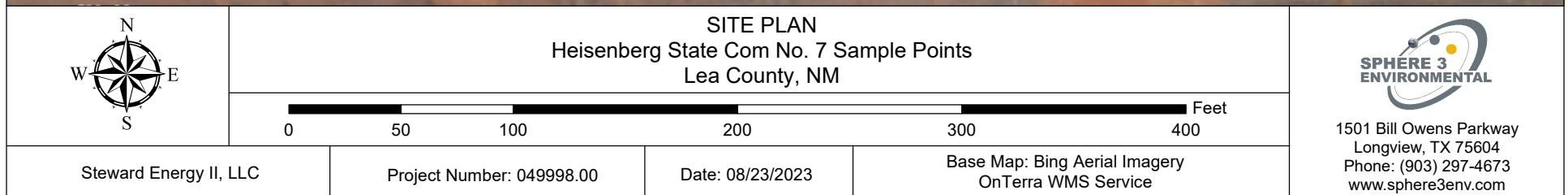
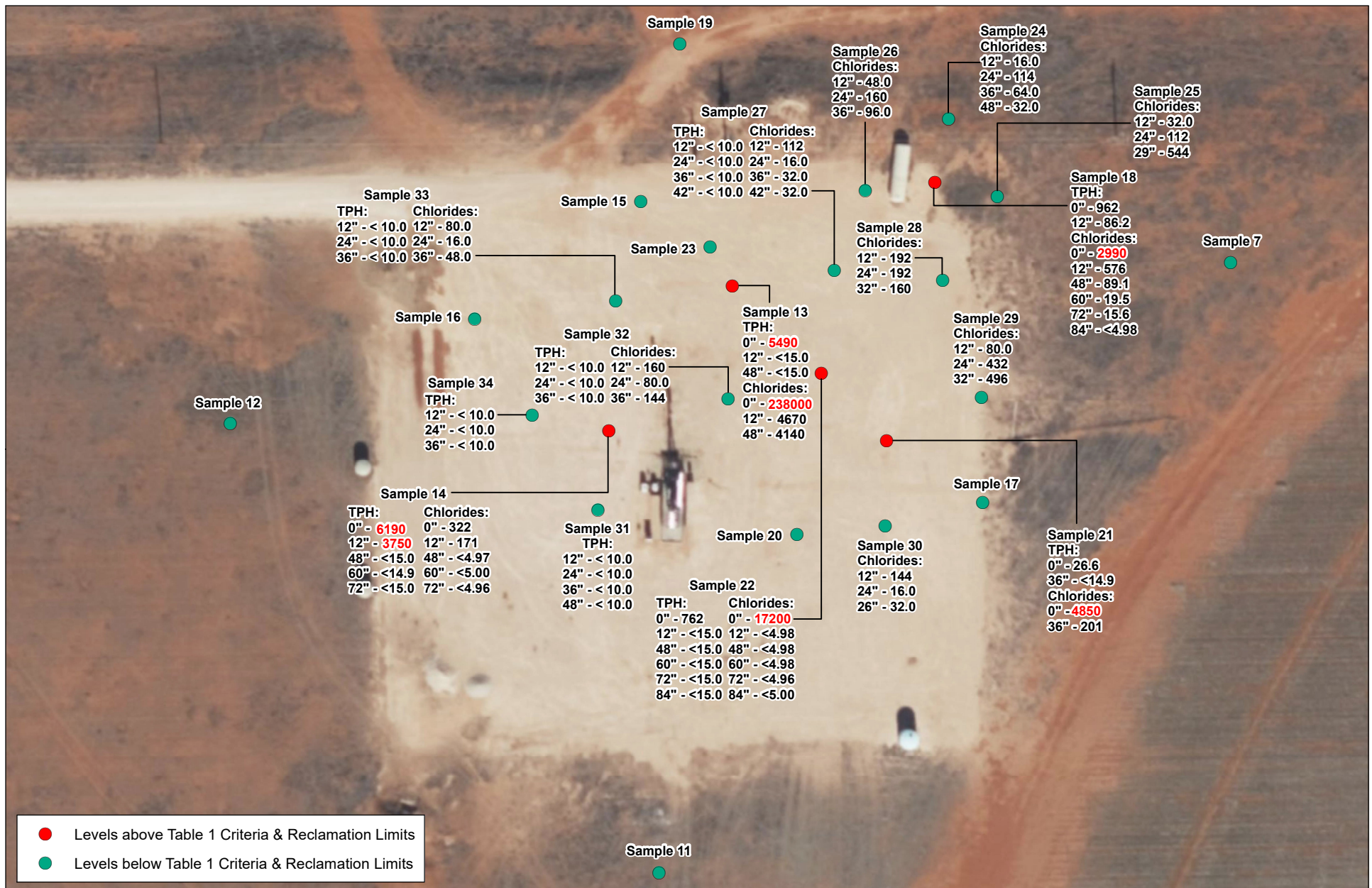


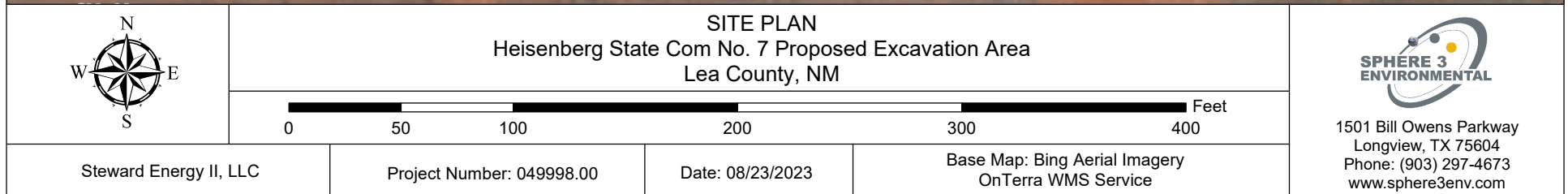
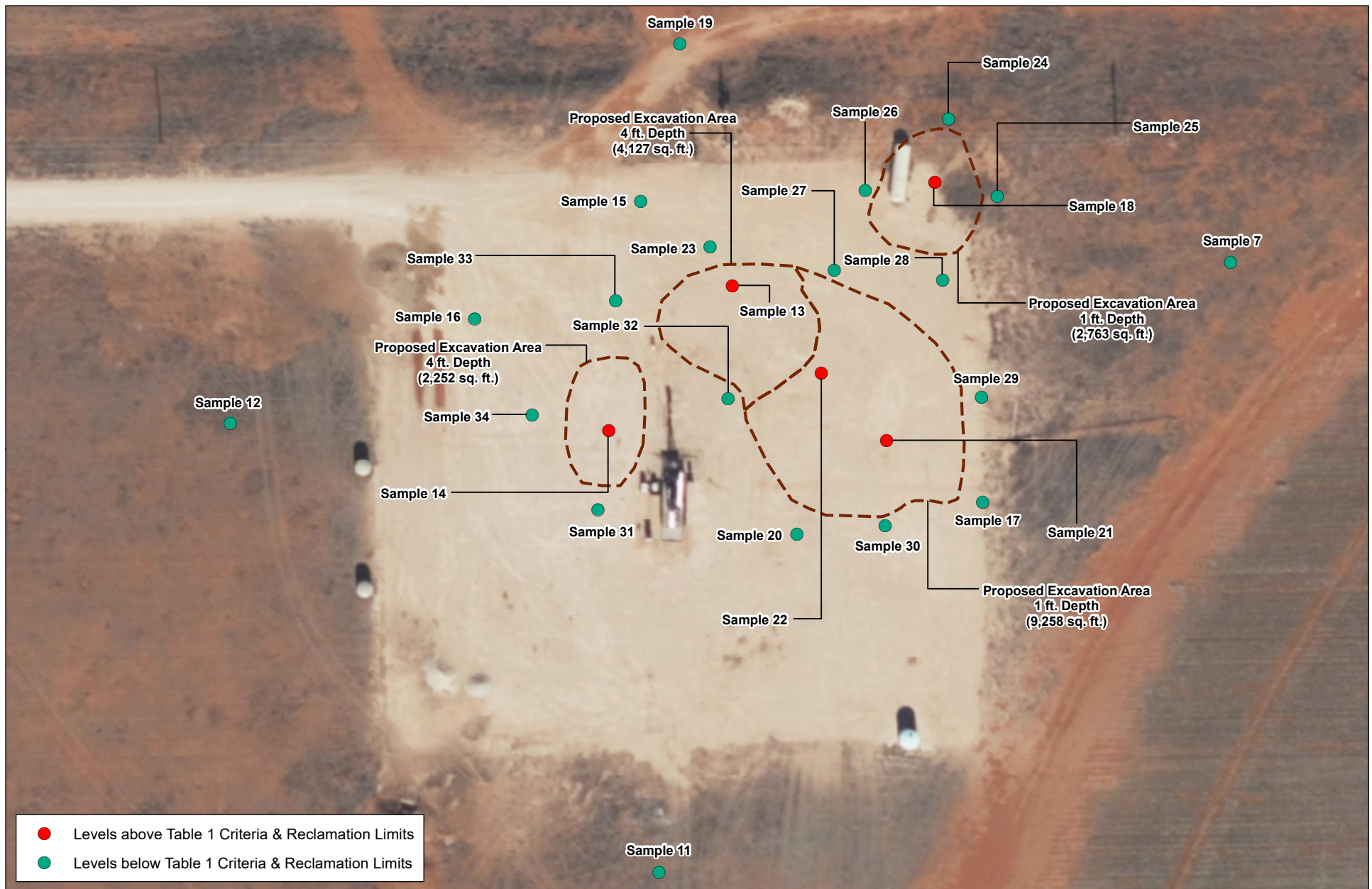
	SITE PLAN Heisenberg State Com No. 7 Aerial Review Lea County, NM		 SPHERE 3 ENVIRONMENTAL 1501 Bill Owens Parkway Longview, TX 75604 Phone: (903) 297-4673 www.sphere3env.com
Steward Energy II, LLC Project Number: 049998.00	Date: 08/23/2023	Base Map: NRCS Geospatial Data Gateway 2022 NAIP Aerial Imagery (Lea County, NM)	

Attachment B
Map Sample Point Locations
collected by REX and Sphere 3



Attachment C
Map of Select Existing Sample Points
and Proposed Remediation Areas





Attachment D
Sample Results and Site Classification Table

Sample Results and Site Classification Table														
Sample ID	Sample Depth bgs	Date Collected	BTEX					TPH				Chlorides	Sample Location	
			Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Oil Range Organics (ORO)	Total TPH			
Spot #1	0"	12/1/2017	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<25	54.9	<25	54.9	123	33.13263	-103.09732
Spot #1	12" (1 ft)	12/1/2017	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<24.9	<24.9	<24.9	<24.9	22.4	33.13263	-103.09732
Spot #2	0"	12/1/2017	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<24.9	31.6	<24.9	31.6	129	33.13283	-103.09654
Spot #2	12" (1 ft)	12/1/2017	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<25.0	<25.0	<25.0	<25.0	22.6	33.13283	-103.09654
Spot #3	0"	12/1/2017	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<24.9	<24.9	<24.9	<24.9	71.8	33.13306	-103.09576
Spot #3	12" (1 ft)	12/1/2017	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<25.0	<25.0	<25.0	<25.0	9.37	33.13306	-103.09576
Spot #4	0"	12/1/2017	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<24.9	<24.9	<24.9	<24.9	13.4	33.13299	-103.09497
Spot #4	12" (1 ft)	12/1/2017	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<25.0	<25.0	<25.0	<25.0	<4.98	33.13299	-103.09497
Spot #5	0"	12/1/2017	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<25.0	33.5	<25.0	33.5	32	33.13252	-103.09612
Spot #5	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	5.87	33.13252	-103.09612
Spot #6	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	37.6	<25.0	37.6	76.7	33.13199	-103.09681
Spot #6	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	<4.97	33.13199	-103.09681
Spot #7	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<24.9	86.1	<24.9	86.1	112	33.13205	-103.09732
Spot #7	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<24.9	<24.9	<24.9	<24.9	<4.99	33.13205	-103.09732
Spot #8	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	21.8	33.13395	-103.09666
Spot #8	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	<4.94	33.13395	-103.09666
Spot #9	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	<4.99	33.13379	-103.09385
Spot #9	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<24.9	<24.9	<24.9	<24.9	<4.97	33.13379	-103.09385
Spot #10	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	6.45	33.13204	-103.09435
Spot #10	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	<4.97	33.13204	-103.09435
Spot #11	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<24.9	<24.9	<24.9	<24.9	93.3	33.13121	-103.09829
Spot #11	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	321	33.13121	-103.09829
Spot #12	0"	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<25.0	<25.0	<25.0	<25.0	<4.94	33.13185	-103.09899
Spot #12	12" (1 ft)	12/1/2017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<24.9	<24.9	<24.9	<24.9	<4.92	33.13185	-103.09899
Spot #13	0"	12/28/2017	<0.00201	<0.00201	0.00331	<0.00201	0.00331	17.6	4850	622	5490	238000	33.13203	-103.09815
Spot #13	12" (1 ft)	12/28/2017	<0.00199	<0.00199	0.00274	<0.00199	0.00274	<15.0	<15.0	<15.0	<15.0	4670	33.13203	-103.09815
SP13	48" (4 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	4140	33.13203	-103.09815
Spot #14	0"	12/28/2017	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<15.0	2820	3370	6190	322	33.13183	-103.09836
Spot #14	12" (1 ft)	12/28/2017	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<15.0	1790	1960	3750	171	33.13183	-103.09836
SP14	48" (4 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.97	33.13183	-103.09836
SP14	60" (5 ft)	4/26/2018						<14.9	<14.9	<14.9	<14.9	<5.00	33.13183	-103.09836
SP14	72" (6 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.96	33.13183	-103.09836
Spot #15	0"	12/28/2017	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<15.0	351	59.2	410	169	33.13215	-103.0983
Spot #15	12" (1 ft)	12/28/2017	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<15.0	<15.0	<15.0	<15.0	128	33.13215	-103.0983
Spot #16	0"	12/28/2017	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<15.0	115	29	144	123	33.13199	-103.09858
Spot #16	12" (1 ft)	12/28/2017	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<15.0	<15.0	<15.0	<15.0	12.8	33.13199	-103.09858
Spot #17	0"	12/28/2017	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<15.0	78.2	24.6	103	133	33.13172	-103.09774
Spot #17	12" (1 ft)	12/28/2017	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<15.0	<15.0	<15.0	<15.0	8.85	33.13172	-103.09774

Spot #18	0"	12/28/2017	<0.00200	0.00552	0.0189	0.0249	0.0493	19.1	808	99.2	926	2990	33.13217	-103.09781
Spot #18	12" (1 ft)	12/28/2017	<0.00200	<0.00200	0.00772	0.0137	0.0215	<15.0	86.2	<15.0	86.2	576	33.13217	-103.09781
SP18	48" (4 ft)	4/26/2018										89.1	33.13217	-103.09781
SP18	60" (5 ft)	4/26/2018										19.5	33.13217	-103.09781
SP18	72" (6 ft)	4/26/2018										15.6	33.13217	-103.09781
SP18	84" (7 ft)	4/26/2018										<4.98	33.13217	-103.09781
Spot #19	0"	12/28/2017	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<15.0	104	16.5	121	578	33.13237	-103.09823
Spot #19	12" (1 ft)	12/28/2017	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<15.0	<15.0	<15.0	<15.0	16	33.13237	-103.09823
Spot #20	0"	12/28/2017	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<15.0	<15.0	<15.0	<15.0	186	33.13168	-103.09805
Spot #20	12" (1 ft)	12/28/2017	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<15.0	<15.0	<15.0	<15.0	<4.97	33.13168	-103.09805
SP21	0"	4/26/2018						<15.0	26.6	<15.0	26.6	4850	33.131809	-103.097898
SP21	36" (3 ft)	4/26/2018						<14.9	<14.9	<14.9	<14.9	201	33.131809	-103.097898
SP22	0"	4/26/2018						<15.0	697	65.4	762	17200	33.131905	-103.098005
SP22	12" (1 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.98	33.131905	-103.098005
SP22	48" (4 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.98	33.131905	-103.098005
SP22	60" (5 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.98	33.131905	-103.098005
SP22	72" (6 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.96	33.131905	-103.098005
SP22	84" (7 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<5.00	33.131905	-103.098005
SP23	0"	4/26/2018						17.2	304	50.8	372	475	33.132085	-103.098186
SP23	36" (3 ft)	4/26/2018						<15.0	<15.0	<15.0	<15.0	<4.99	33.132085	-103.098186
SP 24	12" (1ft)	8/23/2023										16	33.13225819	-103.0977849
SP 24	24" (2 ft)	8/23/2023										144	33.13225819	-103.0977849
SP 24	36" (3 ft)	8/23/2023										64	33.13225819	-103.0977849
SP 24	48" (4 ft)	8/23/2023										32	33.13225819	-103.0977849
SP 25	12" (1ft)	8/23/2023										32	33.13214821	-103.0977064
SP 25	24" (2 ft)	8/23/2023										112	33.13214821	-103.0977064
SP 25	29" (2.42 ft)	8/23/2023										544	33.13214821	-103.0977064
SP 26	12" (1ft)	8/23/2023										48	33.13215985	-103.0979259
SP 26	24" (2 ft)	8/23/2023										160	33.13215985	-103.0979259
SP 26	36" (3 ft)	8/23/2023										96	33.13215985	-103.0979259
SP 27	12" (1ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	112	33.13204877	-103.0979799
SP 27	24" (2 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	16	33.13204877	-103.0979799
SP 27	36" (3 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	32	33.13204877	-103.0979799
SP 27	42" (3.5 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	32	33.13204877	-103.0979799
SP 28	12" (1ft)	8/23/2023										192	33.13203222	-103.0977996
SP 28	24" (2 ft)	8/23/2023										192	33.13203222	-103.0977996
SP 28	32" (2.67 ft)	8/23/2023										160	33.13203222	-103.0977996
SP 29	12" (1 ft)	8/23/2023										80	33.13186746	-103.0977385
SP 29	24" (2 ft)	8/23/2023										432	33.13186746	-103.0977385
SP 29	32" (2.67 ft)	8/23/2023										496	33.13186746	-103.0977385
SP 30	12" (1 ft)	8/23/2023										144	33.13168964	-103.0979027
SP 30	24" (2 ft)	8/23/2023										16	33.13168964	-103.0979027
SP 30	36" (3 ft)	8/23/2023										32	33.13168964	-103.0979027

SP 31	12" (1 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13171947	-103.0983806
SP 31	24" (2 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13171947	-103.0983806
SP 31	36" (3 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13171947	-103.0983806
SP 31	48" (4 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13171947	-103.0983806
SP 32	12" (1 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	160	33.13187201	-103.0981605
SP 32	24" (2 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	80	33.13187201	-103.0981605
SP 32	36" (3 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	144	33.13187201	-103.0981605
SP 33	12" (1 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	80	33.13201162	-103.098345
SP 33	24" (2 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	16	33.13201162	-103.098345
SP 33	36" (3 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0	48	33.13201162	-103.098345
SP 34	12" (1 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13185396	-103.0984868
SP 34	24" (2 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13185396	-103.0984868
SP 34	36" (3 ft)	8/23/2023						<10.0	<10.0	<10.0	<10.0		33.13185396	-103.0984868
NMAC Closure Criteria for Soils Impacted by a Release Concentrations for minimum depth of groundwater 51– 100 feet or Reclamation limits														
Soil (mg/kg)			10				50					1,000	10,000	
NMAC Delienation Requirements from 0' to 4' bgs for Impacted Soils Impacted per 19.15.29.13 D. (1)														
Soil (mg/kg)			10				50						600	
Soil results are reported in mg/kg (milligrams per kilogram)														

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 262461

CONDITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 262461
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved and must meet the following conditions; 1. OCD requires those areas that had previously exceeded the reclamation standards to be sampled with a five (5) point composite not to exceed 400 square feet for the applicable constituent(s). 2. Steward has 60-days (November 7, 2023) to submit the appropriate or final closure report.	9/8/2023