District I
625 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-144
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

BGT2 Closure Plan

BGT2 Closure

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Dugan Production Corp. OGRID #: 006515
Address: PO Box 420, Farmington, NM 87499-0420
Facility or well name: Locke SWD #1
API Number: 30-045-25630 OCD Permit Number:
U/L or Qtr/Qtr P Section 3 Township 29N Range 14W County: San Juan
Center of Proposed Design: Latitude 36.751584 North Longitude -108.291159 West NAD83
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 45 bbl Type of fluid:
Tank Construction material: Steel
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other No visible sidewalls, no leak detection
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☒ Alternate. Please specify 4'=3' Hog wire + Top Rail

6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☒ Other Expanded Metal

☒ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC

☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
***Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
***Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.*

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
***Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.*

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Kevin Smaka Title: Engineer

Signature: Kevin Smaka Date: 3/18/2020

e-mail address: kevin.smaka@duganproduction.com Telephone: 505-325-1821 x1049

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jaclyn Burdine **Approval Date:** 07/20/2022

Title: Environmental Specialist-A **OCD Permit Number:** BGT2

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ **Closure Completion Date:**

20.
Closure Method:

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☒ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐1927 ☐ 1983

22.
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Kevin Smaka Title: Engineer

Signature: Kevin Smaka Date: 3-30-23

e-mail address: Telephone:

OCD Approval

Closure Report (Only)

OCD Representative Signature: Shelly Wells Approval Date: 4/3/2023

Title: Environmental Specialist-Advanced OCD Permit Number: BGT2

Locke SWD #1

BGT 2 Closure Report

30-045-25630

P-03-29N-14W

1120 FSL 1120 FEL

Closure Report

Dugan plugged the Locke SWD #1 on 11/23/20. The facility is connected to Dugan's water gathering system in the area and still uses the facility for water disposal purposes.

Dugan submitted BGT closure plans to the division and provided notice to the BLM and NMOCD. A copy of the notice is included in this report.

Dugan collected soil samples on 8/24/22. Samples were collected at a depth of 5' BGS. During this BGT closure event Dugan collected soil samples from the bases of 2 BGTs. Lab results indicate there were small amounts of diesel range organics and chlorides in the soil for the sample labeled Locke 2. A table of the results here are included:

Sample ID	BTEX Result	TPH Result	Chlorides Result
Locke 2	0	277	95.8

Closure Standard

Dugan will be setting the standards for closure at this site under the greater than 100 feet to groundwater classification, seen below:

>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 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

To justify this closure standard Dugan has generated the following documents:

1. An aerial map showing surrounding the area

2. A topographic map of the area
3. A map from FEMA showing the BGT is not within a 100 year flood plain
4. A map showing the BGT is not overlaying an underground mine
5. A map demonstrating there are no wetlands nearby
6. A map from the NMSEO showing there are no domestic water wells nearby
7. A copy of the wells hydrogeological report

Seeding and Top Cover

Since the lab results indicate the soil is clean, Dugan has elected to backfill the BGT hole. Dugan will be sourcing dirt from Envirotech or nearby stock ponds. Dugan will ensure that the soils used function as an effective topsoil so that revegetation may occur.

Since the facility is active with truck traffic, Dugan has elected to reseed when the facility has been permanently decommissioned.

The wells APD contains the appropriate seed mixture and required seeding rates. When seeding does occur Dugan will follow the requirements for seeding listed in the APD. The seeds will be drilled. Seeding will be monitored for adequate regrowth and noxious weeds.

If noxious weeds are found, they will be destroyed and disposed of to prevent spreading and harm to the environment.

Attachments

In addition to this report Dugan has included the following items:

1. A copy of the soil sample results including the chain of custody.
2. Pictures of the BGT hole after the extraction. White staining consistent with the presence of chlorides is noted.
3. A copy of the notice of sampling and closure.

Kevin Smaka

From: Kevin Smaka
Sent: Friday, August 19, 2022 10:55 AM
To: 'Victoria.Venegas@state.nm.us'; 'Joyner, Ryan N'; 'Adeloye, Abiodun A'
Cc: Tyra Feil; Neil Haws; Carlos Ramos
Subject: BGT Closure Sampling

Dugan Production Corp. will be collecting samples as part of BGT Closures at Dugan's Locke SWD #1 facility. We will be collecting samples this Wednesday, 8/24/22 @ 9:00 AM.

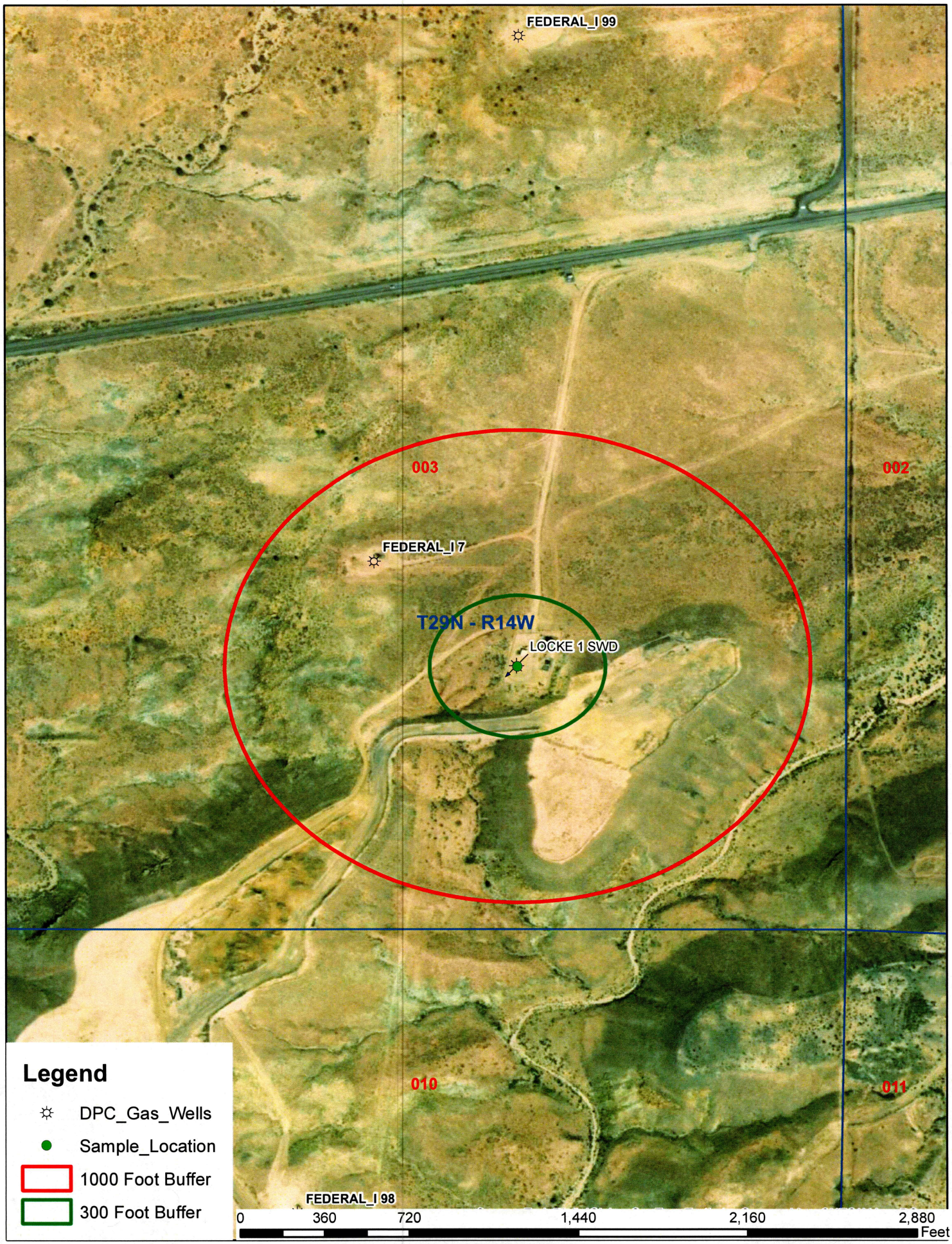
Here is the wells legal information:

Locke SWD #1
30-045-25630
P-03-29N-14W
1120 FSL 1120 FEL
Lease No. SF-078110

Dugan submitted C-144 closure plans for the pits in question and OCD accepted the C-144s on 7/20/22.

If you have questions please get with me

Kevin Smaka P.E.
Regulatory Engineer
Dugan Production Corp.
505-486-6207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002
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T29N - R14W
LOCKE 1 SWD
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011
FEDERAL_I 98
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Sample_Location
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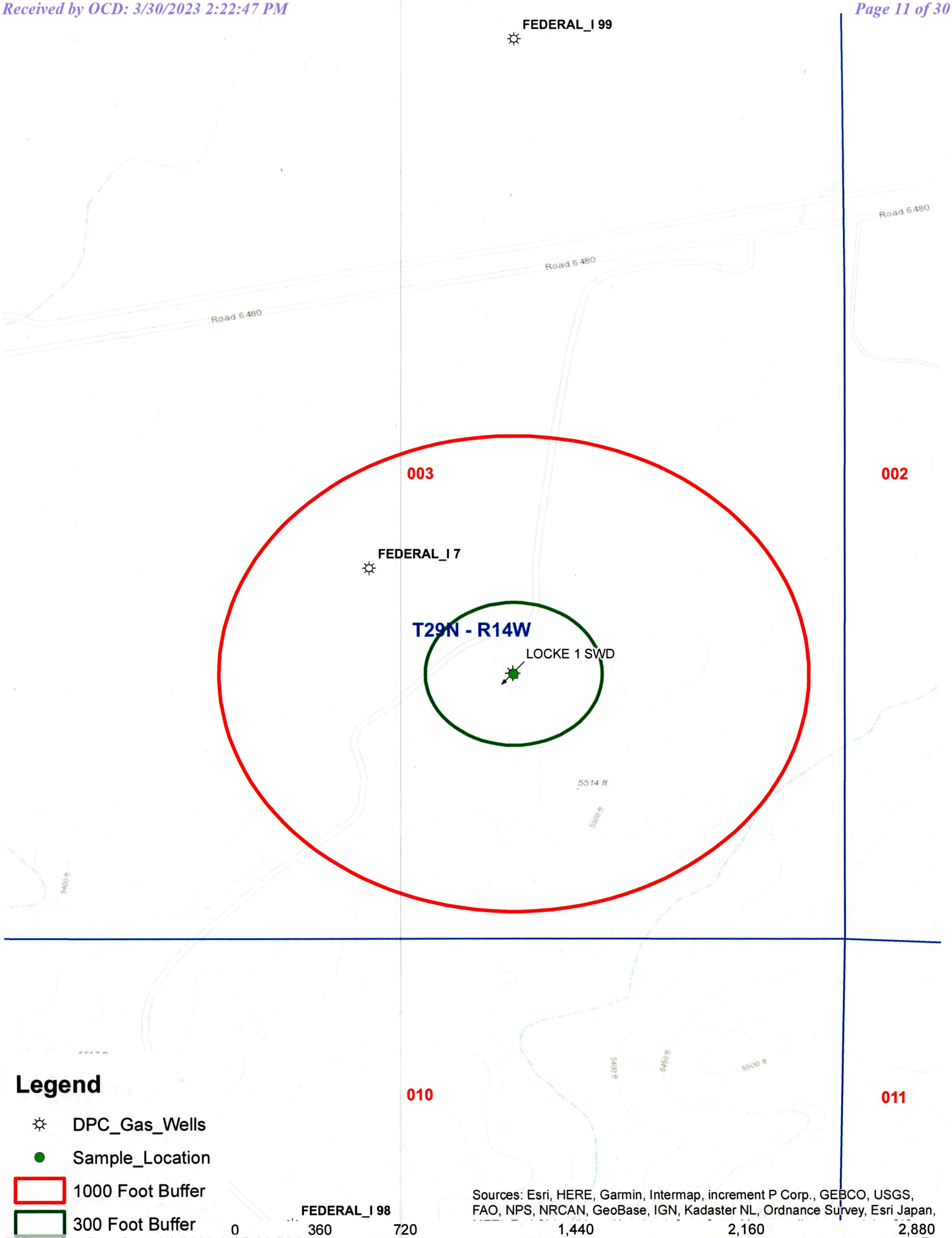
Feet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Road 6480
Road 6480
Road 6480
003
002
FEDERAL_I 7
T29N - R14W
LOCKE 1 SWD
5514 ft
5600 ft
5400 ft
010
011
FEDERAL_I 98
Legend
DPC_Gas_Wells
Sample_Location
1000 Foot Buffer
300 Foot Buffer
0
360
720
1,440
2,160
2,880
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan,

National Flood Hazard Layer FIRMette

FEMA

108°17'49"W 36°45'21"N

Feet
250 500 1,000 1,500 2,000

1:6,000

108°17'11"W 36°44'52"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

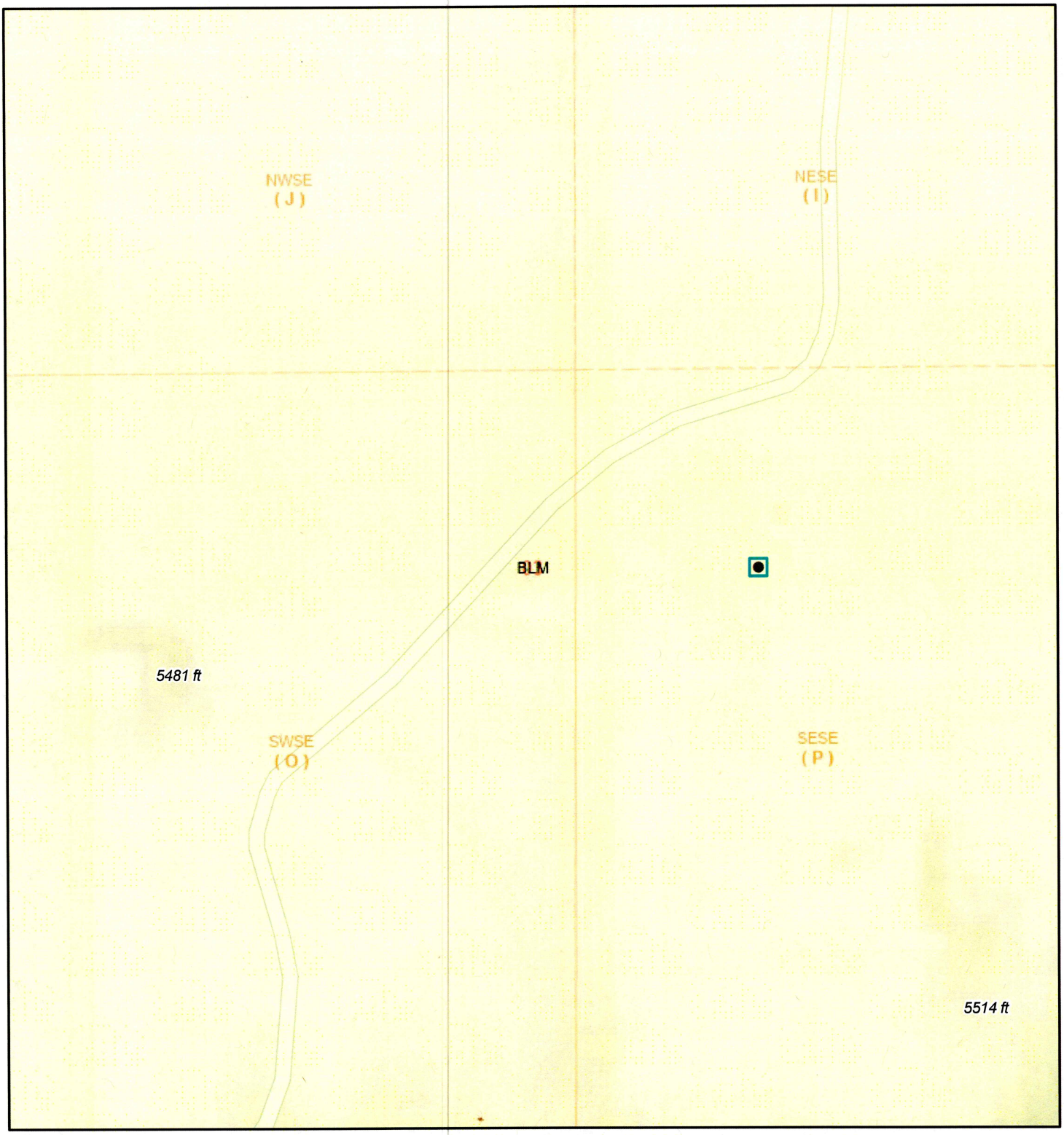
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/30/2023 at 1:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Active Mines in New Mexico



3/30/2023, 11:07:29 AM

1:2,257

0 0.01 0.03 0.06 mi

0 0.02 0.04 0.09 km

Land Ownership

- BLM
- PLSS Second Division
- PLSS First Division

U.S. BLM, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, San Juan County, NM, © OpenStreetMap, Microsoft, Esri,

EMNRD MMD GIS Coordinator

OSE POD Locations Map

Locke SWD #1 (Oil Tank) Hydrogeologic Report

The Locke SWD #1 (Oil Tank) is located on Federal land on flats below "Pinon Mesa" on the northwest margin of the San Juan Basin, in San Juan County, New Mexico. The area is characterized as a flat grassy area on the Kirtland Shale that is bordered by "Pinon Mesa" (4-miles north) and the Animas River Valley (1-1/2 miles) to the south.

A records search of the NM Office of the State Engineer –iWATERS database was conducted on a three square mile area centered on the Locke SWD #1 (Oil Tank) location (Exhibit 2). One water well was located 9,600 feet away to the west (total depth 70 feet, depth to water not reported). Field inspections show that at one time there was a water well 10,400 feet to the north. No information was available on this well and it is currently in-active. The results of the search are shown on Exhibit 1. The main source of stock water in the region is encountered in valley-fill deposits in existing arroyos at shallow depths of approximately 15 – 50 feet below the surface. Also, there are stock ponds located along some of the main arroyos. The proposed below grade tank is not located in an arroyo; the closest arroyo is over 1000 feet away and it breeches the surface down to a depth of 140 feet.

The Kirtland Shale extends from the surface down to a depth of approximately 600 feet. The interval is comprised of an upper shale member, middle sandstone member (Farmington Ss.) and a lower shale member. The middle sandstone member is poorly developed from 450 down to 520 feet and may contain ground water but the quality is expected to be poor and the amount small.

Based on electric open hole logs, the iWATERS database and literature reviewed, depth to ground water ranges from 15 – 20 feet below the surface in major arroyos in the area. Moving away from the washes, depth to ground water drops rapidly to greater than 200 feet below the surface. At the location of the subject below grade tank, lesser amounts of poor quality ground water might be found at a depth of approximately 450 - 520 feet from thin, discontinuous sand stringers in the middle sandstone member of the Kirtland Shale. Larger quantities of poor quality ground water could be expected from Fruitland sand at 920 – 930 feet and the Fruitland Coal and Pictured Cliffs Sandstone interval at around 1000 feet below the surface.

Excessive drilling depth, unpredictable variations in reservoir quality and water quality have discouraged the drilling of water wells in the in the subject area.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

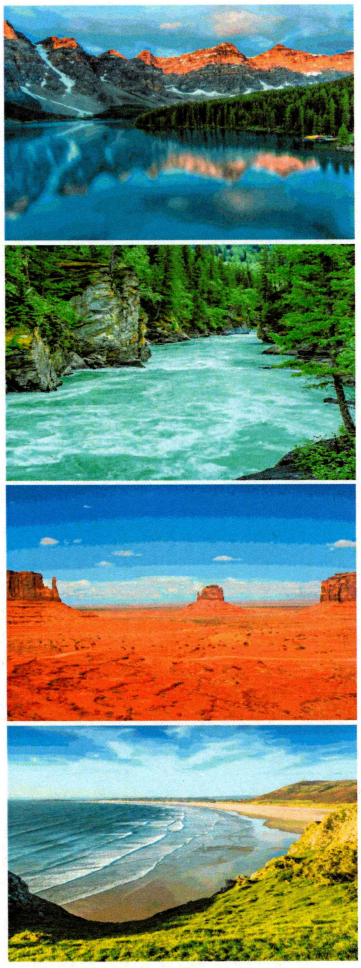
Brown, D.R., and Stone, W.J., 1979, Hydrogeology of Aztec quadrangle, San Juan County, New Mexico: New Mexico Bureau of Mines and Mineral Resources Hydrogeologic Sheet 1.

Levings, G.W., Craigg, S.D., Dam, W.L. Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan Structural Basin, New Mexico, Colorado, Arizona and Utah: U.S. Geological Survey, Atlas HA-720-A, Sheet 1 and 2.

Thorn, C.R., Levings, G.W., Craigg, S.D., Dam, W.L., and Kernodle, J.M., 1990, Hydrogeology of the Ojo Alamo Sandstone in the San Juan Structural Basin, New Mexico, Colorado, Arizona and Utah: U.S.G.S, Atlas HA-720-B, Sheet 1 and 2.

Report to:

Kevin Smaka



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Dugan Production Corp.

Project Name: Locke BGT Closure

Work Order: E208142

Job Number: 06094-0177

Received: 8/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/1/22

Kevin Smaka
PO Box 420
Farmington, NM 87499

Project Name: Locke BGT Closure
Workorder: E208142
Date Received: 8/25/2022 2:51:00PM

Kevin Smaka,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/25/2022 2:51:00PM, under the Project Name: Locke BGT Closure.

The analytical test results summarized in this report with the Project Name: Locke BGT Closure apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Dugan Production Corp.	Project Name:	Locke BGT Closure	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	09/01/22 10:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Locke 1	E208142-01A	Soil	08/24/22	08/25/22	Glass Jar, 4 oz.
Locke 2	E208142-02A	Soil	08/24/22	08/25/22	Glass Jar, 4 oz.

Sample Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Locke 1

E208142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236019
Benzene	ND	0.0250	1	08/30/22	08/30/22	
Ethylbenzene	ND	0.0250	1	08/30/22	08/30/22	
Toluene	ND	0.0250	1	08/30/22	08/30/22	
o-Xylene	ND	0.0250	1	08/30/22	08/30/22	
p,m-Xylene	ND	0.0500	1	08/30/22	08/30/22	
Total Xylenes	ND	0.0250	1	08/30/22	08/30/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/30/22*	*08/30/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236019
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/22	08/30/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/30/22*	*08/30/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/22	08/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/22	08/30/22	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*08/30/22*	*08/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236011
Chloride	ND	20.0	1	08/29/22	08/30/22	

Sample Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Locke 2

E208142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236019
Benzene	ND	0.0250	1	08/30/22	08/30/22	
Ethylbenzene	ND	0.0250	1	08/30/22	08/30/22	
Toluene	ND	0.0250	1	08/30/22	08/30/22	
o-Xylene	ND	0.0250	1	08/30/22	08/30/22	
p,m-Xylene	ND	0.0500	1	08/30/22	08/30/22	
Total Xylenes	ND	0.0250	1	08/30/22	08/30/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/30/22*	*08/30/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236019
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/22	08/30/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/30/22*	*08/30/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/30/22*	*08/30/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236020
Diesel Range Organics (C10-C28)	**277**	25.0	1	08/30/22	08/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/22	08/30/22	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/30/22*	*08/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236011
Chloride	**95.8**	20.0	1	08/29/22	08/30/22	

QC Summary Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236019-BLK1)									Prepared: 08/30/22 Analyzed: 08/30/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2236019-BS1)									Prepared: 08/30/22 Analyzed: 08/30/22
Benzene	2.42	0.0250	2.50		96.8	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.2	70-130			
Toluene	2.29	0.0250	2.50		91.4	70-130			
o-Xylene	2.20	0.0250	2.50		87.9	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.3	70-130			
Total Xylenes	6.57	0.0250	7.50		87.5	70-130			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2236019-BSD1)									Prepared: 08/30/22 Analyzed: 08/30/22
Benzene	2.34	0.0250	2.50		93.4	70-130	3.49	23	
Ethylbenzene	2.27	0.0250	2.50		90.8	70-130	3.70	27	
Toluene	2.22	0.0250	2.50		88.7	70-130	3.07	24	
o-Xylene	2.14	0.0250	2.50		85.5	70-130	2.81	27	
p,m-Xylene	4.19	0.0500	5.00		83.9	70-130	4.08	27	
Total Xylenes	6.33	0.0250	7.50		84.4	70-130	3.65	27	
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236019-BLK1)								Prepared: 08/30/22 Analyzed: 08/30/22	
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2236019-BS2)								Prepared: 08/30/22 Analyzed: 08/30/22	
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2236019-BSD2)								Prepared: 08/30/22 Analyzed: 08/30/22	
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	1.17	20	
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236020-BLK1)									Prepared: 08/30/22 Analyzed: 08/30/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.1*		*50.0*		*96.3*	*50-200*			
LCS (2236020-BS1)									Prepared: 08/30/22 Analyzed: 08/30/22
Diesel Range Organics (C10-C28)	227	25.0	250		90.7	38-132			
Surrogate: n-Nonane	*48.1*		*50.0*		*96.1*	*50-200*			
Matrix Spike (2236020-MS1)				**Source: E208142-01**					Prepared: 08/30/22 Analyzed: 08/30/22
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
Matrix Spike Dup (2236020-MSD1)				**Source: E208142-01**					Prepared: 08/30/22 Analyzed: 08/30/22
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	38-132	3.17	20	
Surrogate: n-Nonane	*47.3*		*50.0*		*94.6*	*50-200*			

QC Summary Data

Dugan Production Corp.	Project Name:	Locke BGT Closure	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/1/2022 10:54:13AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236011-BLK1)							Prepared: 08/29/22 Analyzed: 08/29/22		
Chloride	ND	20.0							
LCS (2236011-BS1)							Prepared: 08/29/22 Analyzed: 08/29/22		
Chloride	245	20.0	250		97.8	90-110			
LCS Dup (2236011-BSD1)							Prepared: 08/29/22 Analyzed: 08/29/22		
Chloride	244	20.0	250		97.7	90-110	0.121	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Dugan Production Corp.	Project Name:	Locke BGT Closure	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	09/01/22 10:54

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Dugan	Bill To
Project: Locke BGT Closure	Attention: Dugan
Project Manager: Kevin Smaka	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email:	
Report due by:	

Lab Use Only

Lab WO#	Job Number
E208142	1D094-0177

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:00	8-24	S	1	Locke 1	1	X	X	X			X	
9:00	8-24	S	1	Locke 2	2	X	X	X			X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-25	2:50		8/25/22	14:51
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on Ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/25/2022 2:59:46PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Dugan Production Corp.	Date Received:	08/25/22 14:51	Work Order ID:	E208142
Phone:	505-486-6207	Date Logged In:	08/25/22 14:57	Logged In By:	Caitlin Christian
Email:	kevin.smaka@duganproduction.com	Due Date:	09/01/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kevin Smaka
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition. Date

envirotech Inc.


±120ft -108.29117
ft
±53ft
5476
°,T
±14
E78
22Mar23 14:33 Locke BGT 2
Farmington NM 87401, United States 22-Mar-23 14:33:46

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 202320

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 202320
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
scwells	In future closure reports, if a variance is needed for closure sampling, Dugan must request a variance before finishing closure per 19.15.17.13C(3)(b) NMAC which Dugan said they would follow in their Closure Plan which was approved by OCD on 7/20/22. In closure report, 2 BGTs are mentioned as being closed at the same time. Only BGT2 closure is approved at this time. Must submit new closure report for the other BGTs. Must submit reclamation/revegetation completion of the BGT2 area per the closure plan, when well site is not longer active. Closure reports are due to OCD 60 days after closure completion.	4/3/2023