

Incident ID	NAB1509254187
District RP	2RP-2932
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?	<u><50'</u> (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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input checked="" 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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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: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 1/4/2023
email: dale.woodall@dvN.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 01/04/2023

Incident ID	NAB1509254187
District RP	2RP-2932
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 1/4/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 01/04/2023

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: Ashley Maxwell Date: 2/02/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist



Pima Environmental Services, LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
575-964-7740

March 29th, 2021

NMOCD District 2
Mr. Mike Bratcher
811 S. First Street
Artesia, NM 88210

Bureau of Land Management
Mr. Jim Amos
620 East Green Street
Carlsbad, NM 88220

Re: Site Remediation and Closure Report
TNT 6 Federal Com #1
API No. 30-015-31712
GPS: Latitude 32.8582954 Longitude -104.112114
UL "O", Sec. 6, T17S, R29E
Eddy County, NM
NMOCD Ref. No. NAB1509254187 (2RP-2932)

Dear Mr. Bratcher and Mr. Amos,

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and remediation activities for an oil/produced water release that occurred at the TNT 6 Fed Com #1 (TNT). The initial C-141 was submitted on April 1st, 2015 (Appendix C). This incident was assigned Incident ID NAB1509254187 (2RP-2932), by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The TNT is located approximately seventeen (17) miles east of Artesia, NM. This spill site is in Unit O, Section 6, Township 17S, Range 29E, Latitude 32.8582954, Longitude -104.112114, Eddy County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region. Includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blanco, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits. The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present in the area of the TNT (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 58 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 34 feet BGS. The closest waterway is a playa located approximately 3.66 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
34'	600 mg/kg	100 mg/kg	-- mg/kg	50 mg/kg	10 mg/kg
If the release occurred within any of the following areas, the responsible party would treat the release as if the groundwater was less than 50 feet per Rule 19.15.29					
Water Issues			Yes	No	
Within 300 feet of any continuously flowing watercourse or any other significant watercourse				x	
Within 200 feet of any lakebed, sinkhole, or playa lake (measures from the ordinary high-water mark)				x	
Within 300 feet from an occupied permanent residence, school, hospital, institution, or church				x	
Within 500 feet of a spring or a private, domestic freshwater well used by less than five households for domestic or stock water purposes				x	
Within 1000 feet of any freshwater well or spring				x	
Within incorporated municipal boundaries or within a defined municipal freshwater well field				x	
Within 300 feet of a wetlands				x	
Within the area overlying a subsurface mine				x	
Within an unstable area (Karst)			x		
Within a 100-year floodplain				x	

Reference Figure 2 for a TOPO Map.

Release Information

NAB1509254187 (2RP-2932): On March 30th, 2015, the lease operator noticed overspray in the pasture near the TNT 6 Fed Com 1, upon further investigation he discovered the poly flowline going from the TNT 6 Fed Com 1 to the TNT 6 Fed Com 2 had possibly been shot and caused a release in the pasture of approximately ½-barrel (bbl) of crude oil/produced water mixed. No fluids were recovered.

Site Assessment and Soil Sampling Results

On July 14th, 2020, Pima Environmental mobilized personnel to the site in order to assess the area for contaminants. We found that the well on site had been plugged, and the pad area had been reclaimed. We sampled the estimated spill areas and only found contamination in one low-lying section. Laboratory results of this sampling event can be found in the following data table.

7-14-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 7-14-20		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	90
S-2	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-3	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-4	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-5	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-6	0-6"	ND	ND	ND	ND	ND	ND	110
	1	ND	ND	ND	11	ND	11	130
S-7	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-8	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-9	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-10	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-11	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-12	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-13	0-6"-R	ND	ND	ND	ND	ND	ND	77
S-14	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-15	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-16	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-17	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-18	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	200
S-19	0-6"	ND	ND	ND	ND	ND	ND	63
	1	ND	ND	ND	ND	ND	ND	110
S-20	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-21	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-22	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-23	0-6"	ND	ND	ND	200	380	580	460
	1	ND	ND	ND	1200	2000	3200	440
S-24	0-6"-R	ND	ND	ND	ND	ND	ND	69
S-25	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-26	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-27	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-28	0-6"-R	ND	ND	ND	ND	ND	ND	ND
S-29	0-6"-R	ND	ND	ND	1300	1900	3200	1300
S-30	0-6"-R	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Remediation Activities

On August 19th, 2020, Pima mobilized personnel and equipment to conduct remedial activities. We treated the contaminated areas with a Micro-Blaze solution. Confirmation samples were collected on February 1st, 2021. The laboratory results of this sampling event can be found in the following data table. See Appendix D for photographic documentation.

2-1-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Devon Energy - TNT Fed Com 1								
2/1/2021		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	ND	ND
S-2	1'	ND	ND	ND	ND	ND	ND	ND
S-3	6"	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.

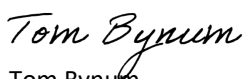
Based on the sample results, the contaminant levels were below NMOCD Closure Criteria 19.15.29 NMAC.

Closure Request

After careful review, Pima requests that this incident, NAB1509254187 (2RP-2932), be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Tom Bynum at 575-964-7740 or tom@pimaoil.com.

Respectfully,



Tom Bynum
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- TOPO Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Site Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141's
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-TOPO Map

3-Karst Map

4-Site Maps

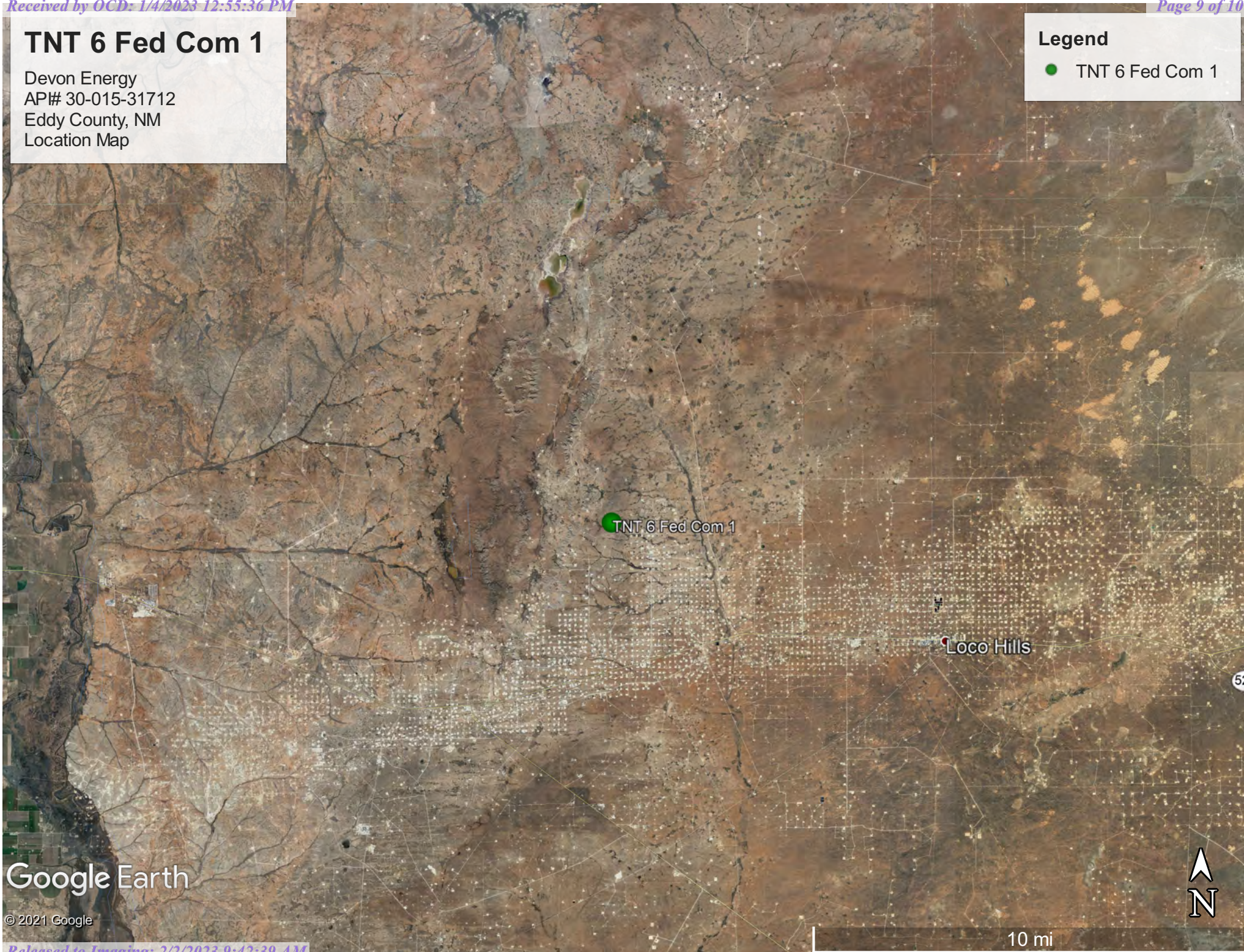
5-Confirmation Site Map

TNT 6 Fed Com 1

Devon Energy
AP# 30-015-31712
Eddy County, NM
Location Map

Legend

● TNT 6 Fed Com 1

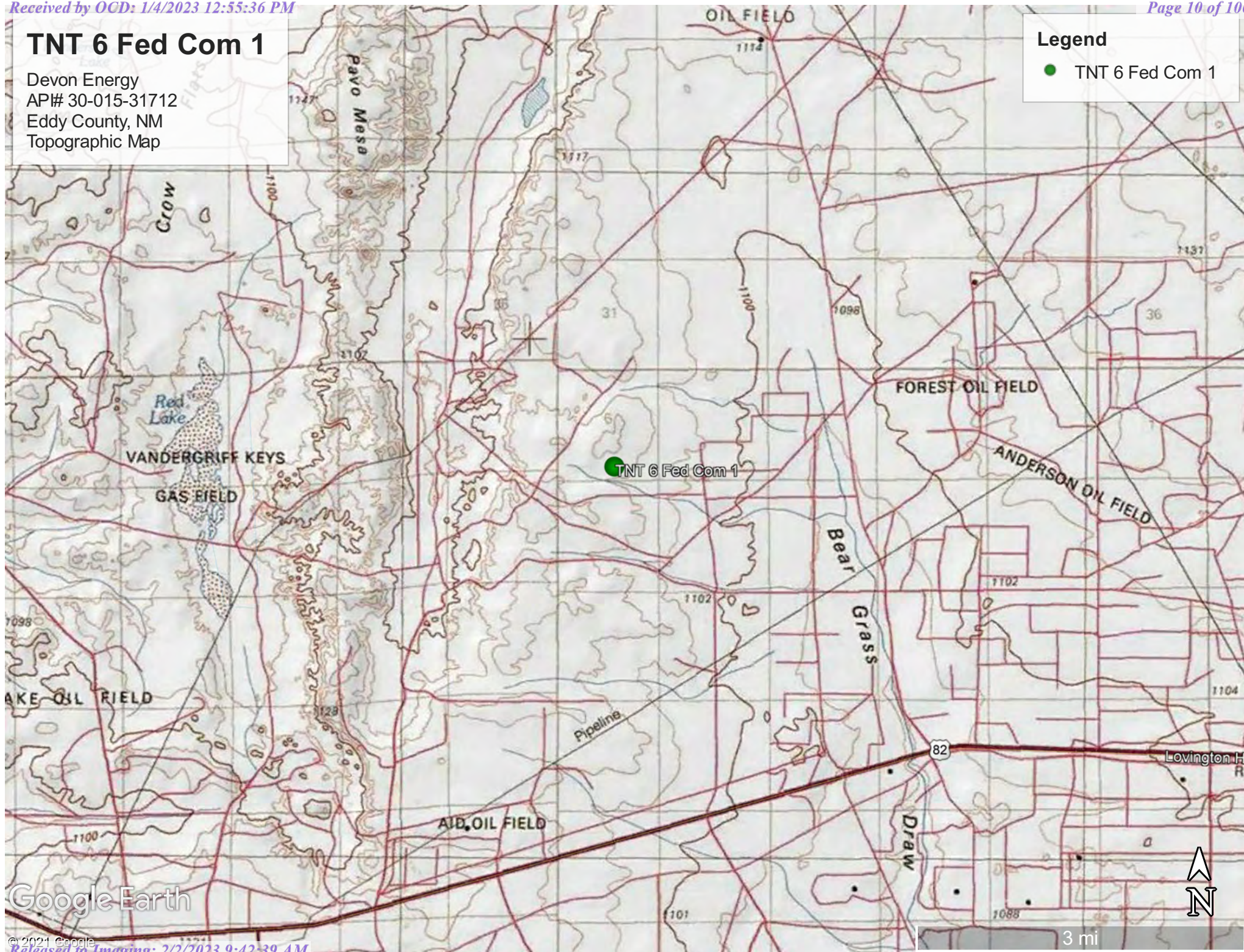


TNT 6 Fed Com 1

Devon Energy
AP# 30-015-31712
Eddy County, NM
Topographic Map

Legend

● TNT 6 Fed Com 1



Google Earth

TNT 6 Fed Com 1

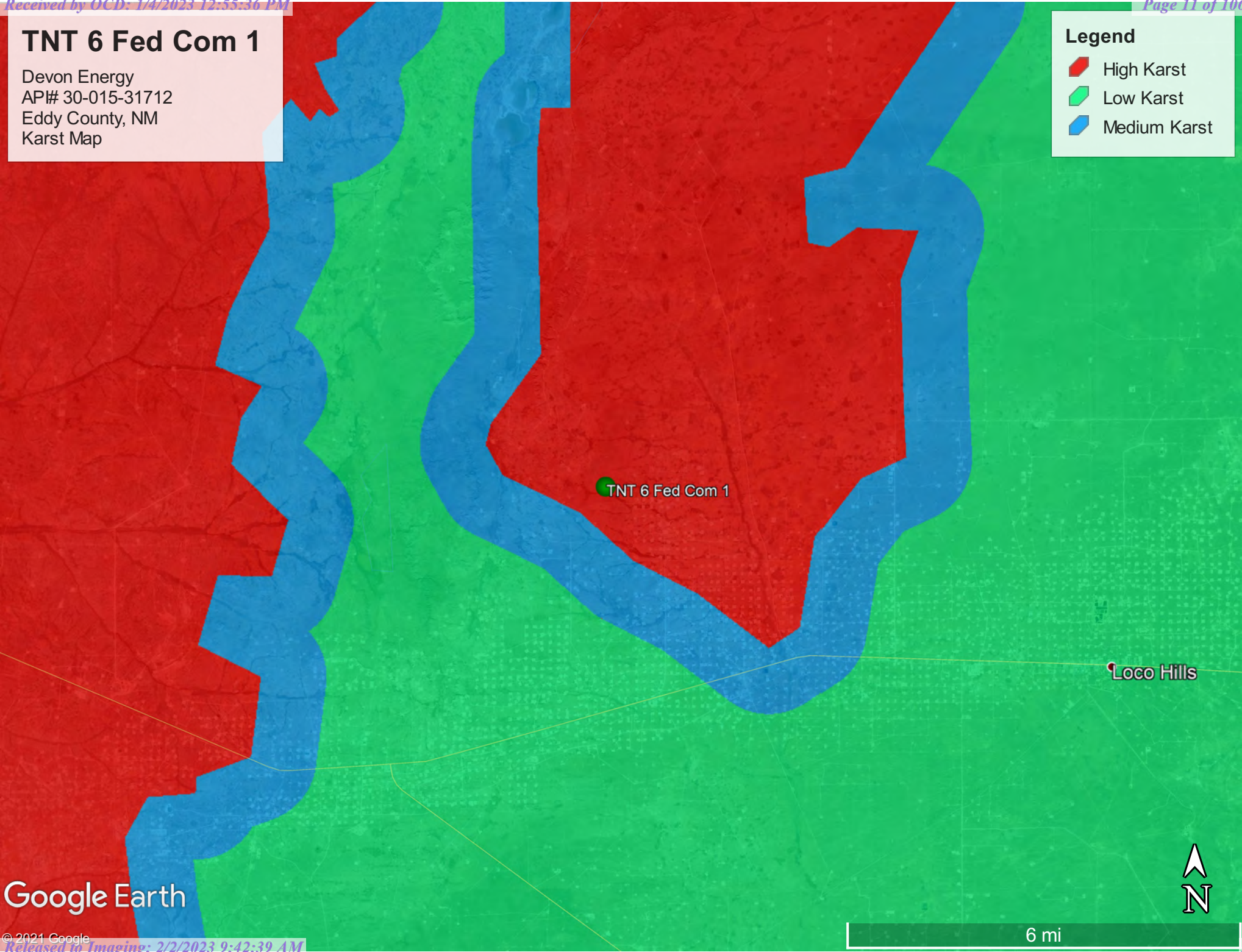
Devon Energy
AP# 30-015-31712
Eddy County, NM
Karst Map

Legend

High Karst

Low Karst

Medium Karst



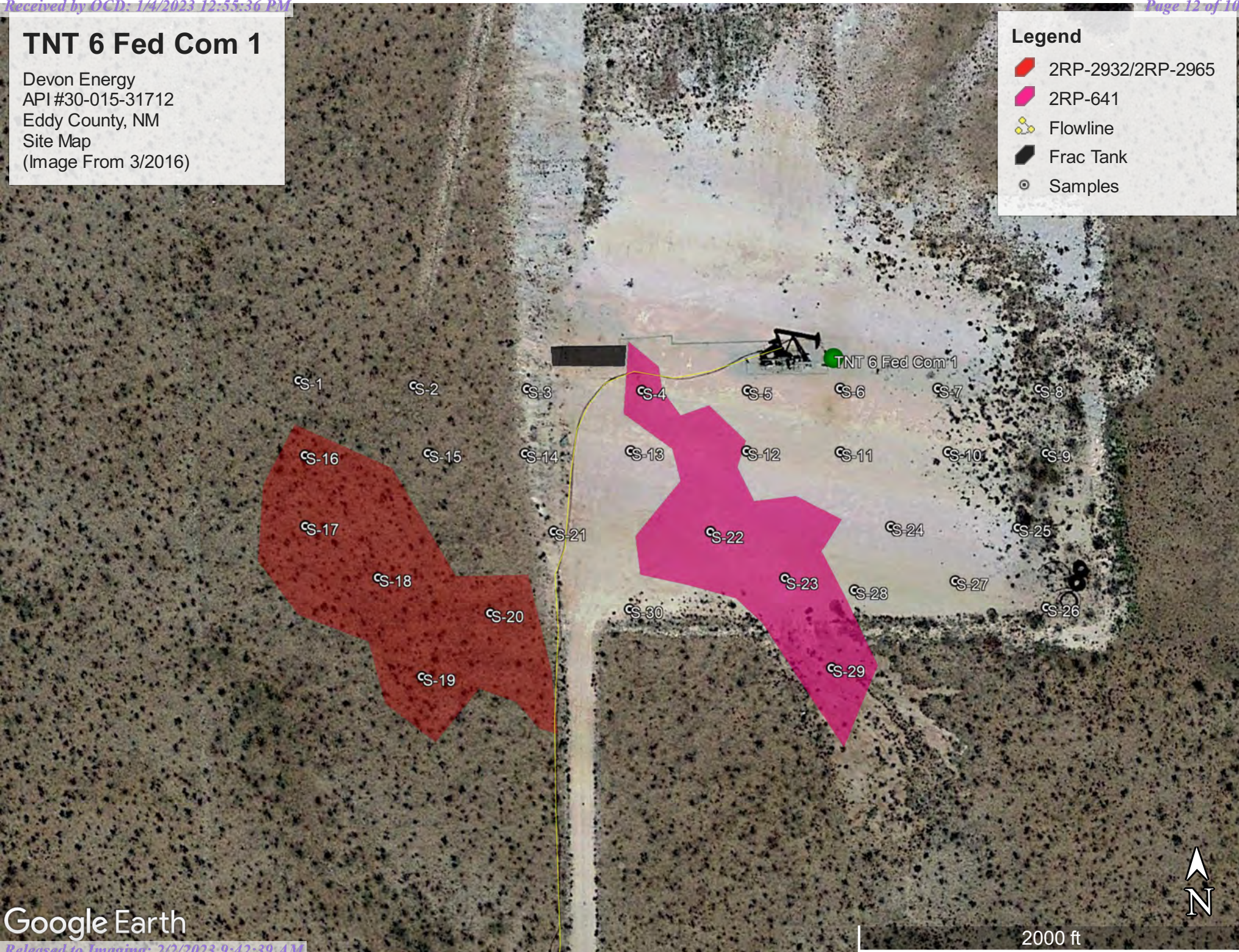
Google Earth

TNT 6 Fed Com 1

Devon Energy
API #30-015-31712
Eddy County, NM
Site Map
(Image From 3/2016)

Legend

- 2RP-2932/2RP-2965
- 2RP-641
- Flowline
- Frac Tank
- Samples



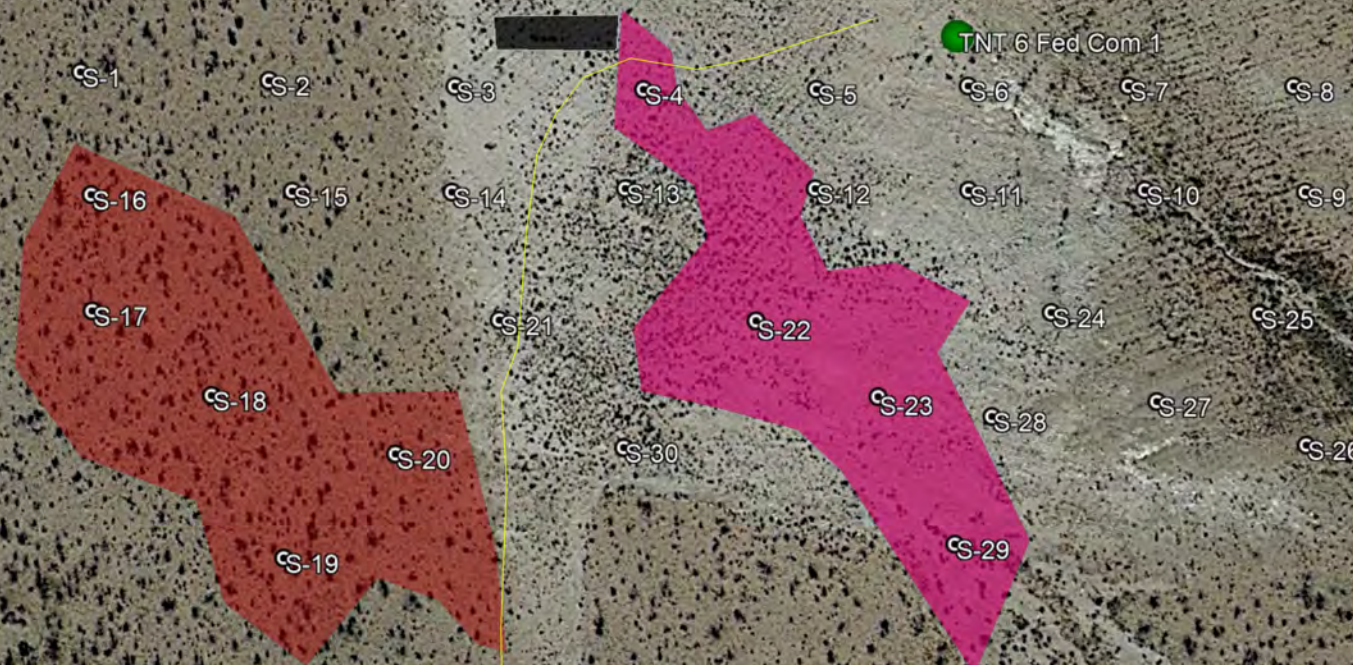
Google Earth

TNT 6 Fed Com 1

Devon Energy
API #30-015-31712
Eddy County, NM
Site Map
(Image From 12/2019)

Legend

- 2RP-2932/2RP-2965
- 2RP-641
- Flowline
- Frac Tank
- Samples

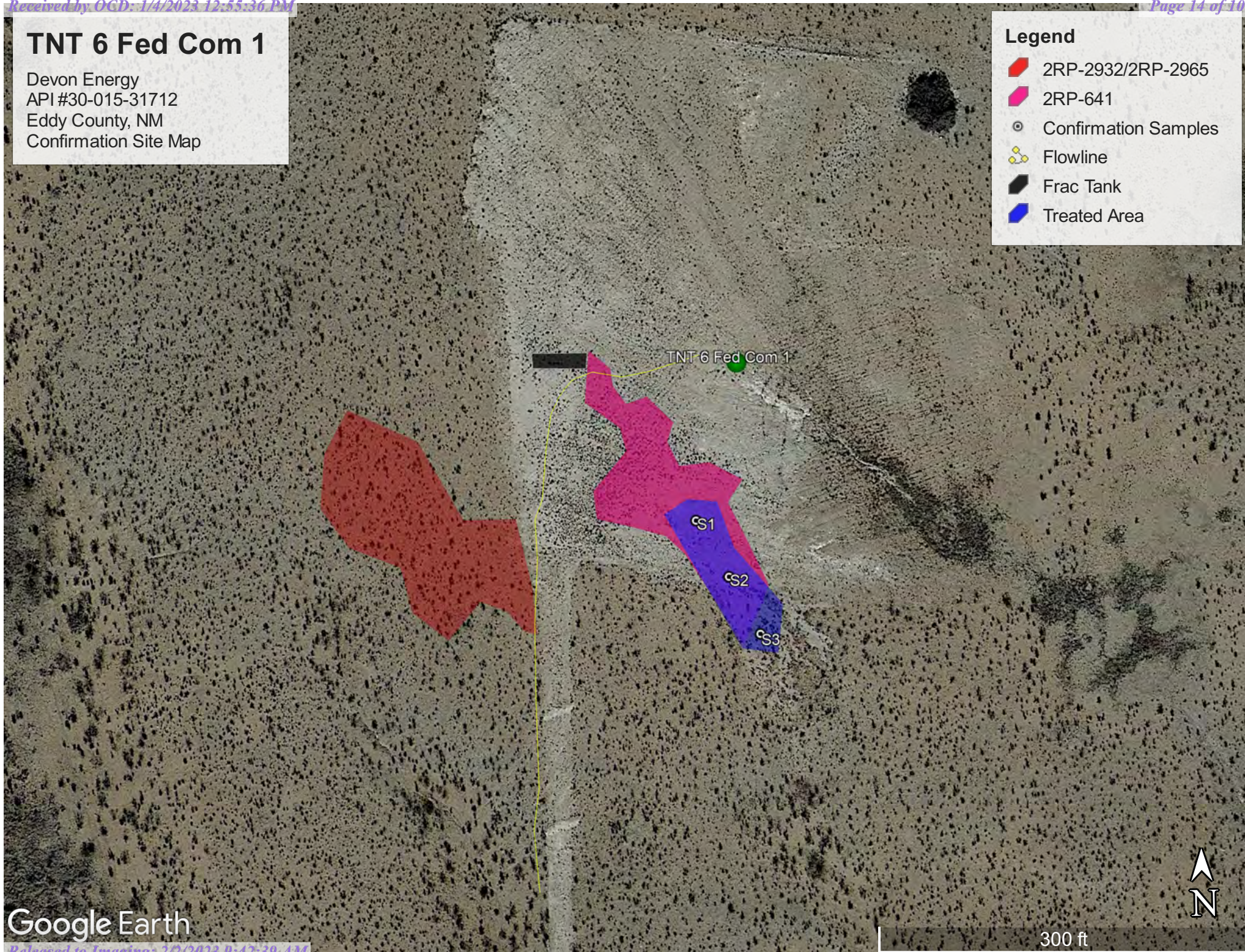


TNT 6 Fed Com 1

Devon Energy
API #30-015-31712
Eddy County, NM
Confirmation Site Map

Legend

- 2RP-2932/2RP-2965
- 2RP-641
- Confirmation Samples
- Flowline
- Frac Tank
- Treated Area





Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 12307 POD1		RA	ED	4	2	2	14	17S	28E	580495	3633981	3232	140	58	82
RA 12299 POD1		RA	ED	4	3	3	25	16S	28E	580832	3639215	3982	115	70	45

Average Depth to Water: **64 feet**

Minimum Depth: **58 feet**

Maximum Depth: **70 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 583077.2

Northing (Y): 3635926.4

Radius: 4000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/25/21 7:22 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site_no list =

- 325141104082301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 325141104082301 17S.28E.02.424314

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060007

Latitude 32°51'41", Longitude 104°08'23" NAD27

Land-surface elevation 3,571 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

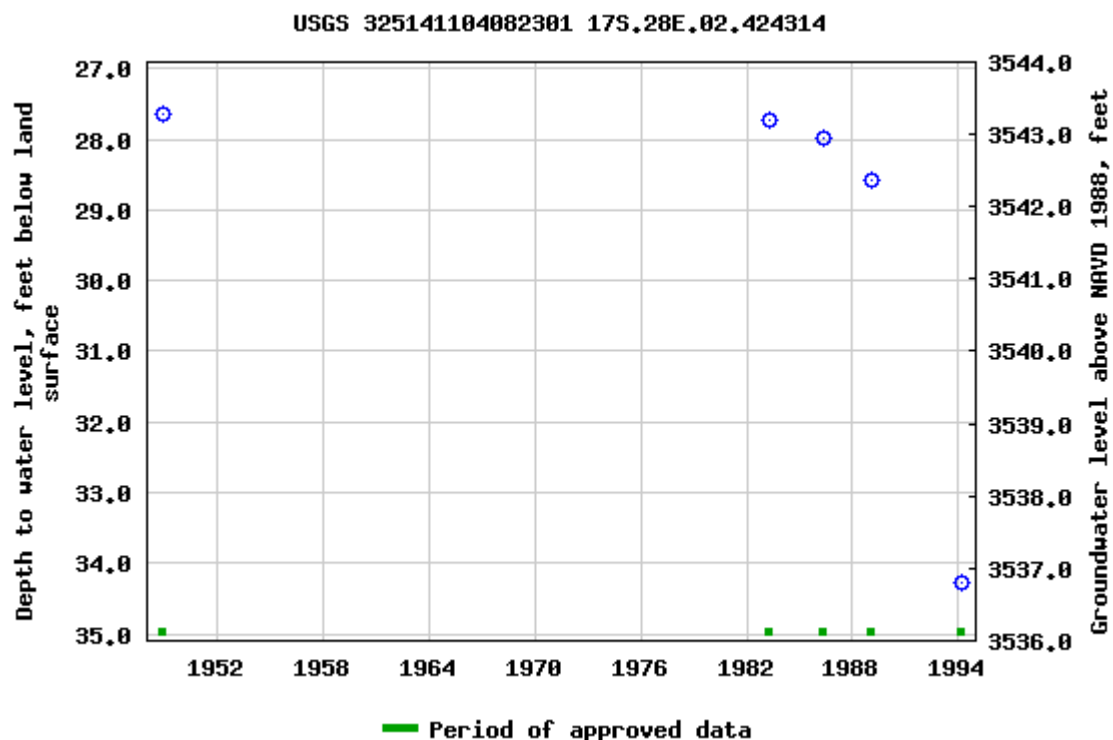
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2021-03-25 08:52:56 EDT

0.68 0.6 nadww02



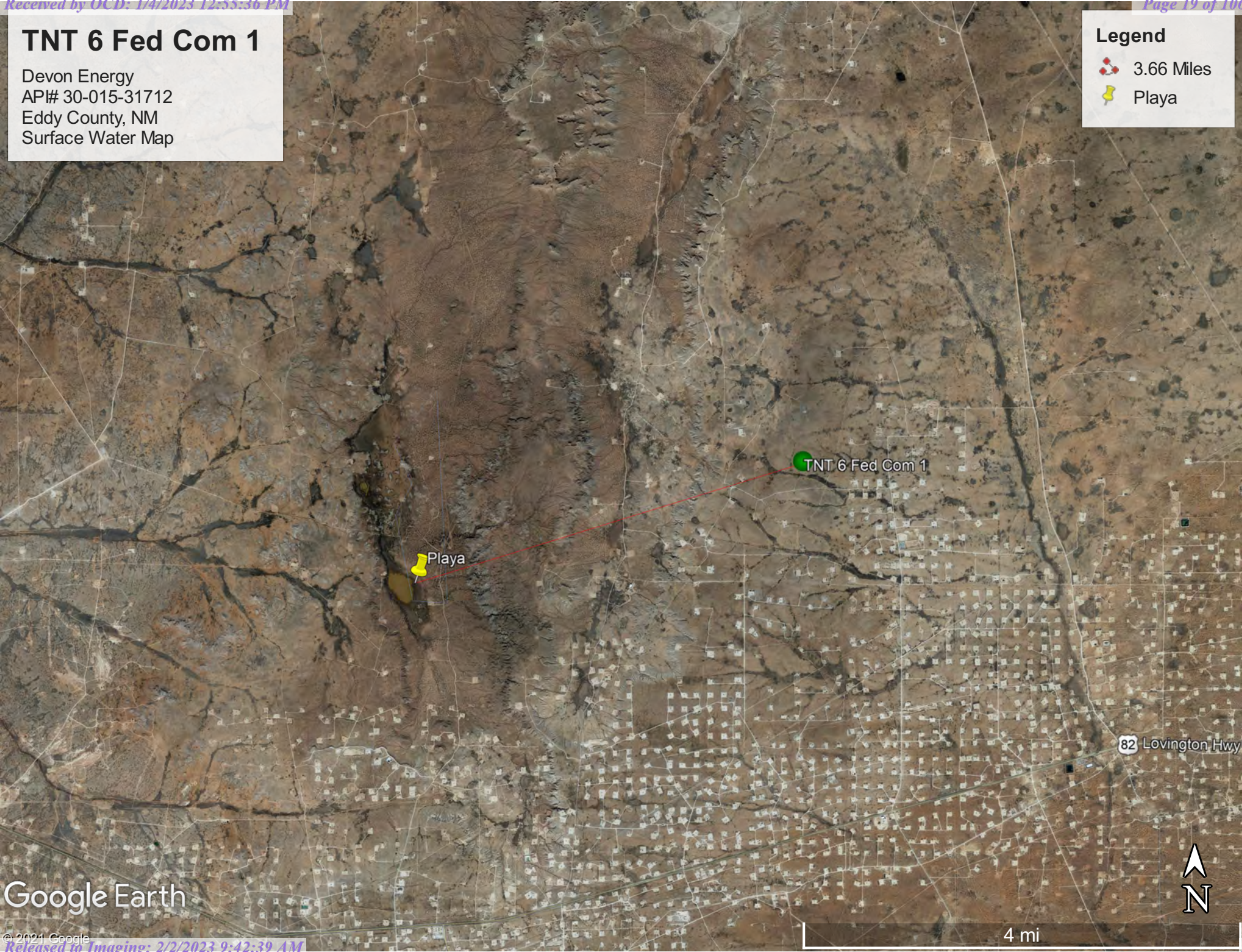
TNT 6 Fed Com 1

Devon Energy
AP# 30-015-31712
Eddy County, NM
Surface Water Map

Legend

 3.66 Miles

 Playa



Google Earth



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent
Gypsum land: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Hills, plains, ridges
Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope
Landform position (three-dimensional): Crest, nose slope, side slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land**Setting**

Landform: Hills, plains, ridges

Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope

Landform position (three-dimensional): Crest, nose slope, side slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components**Cottonwood**

Percent of map unit: 5 percent

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Largo

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMette



104°7'2"W 32°51'45"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 X
		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 D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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 3/25/2021 at 2:44 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.



Pima Environmental Services

Appendix C

C-141's:

Initial

Final

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

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

ARTESIA DISTRICT

APR 01 2015

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
conformance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action

NAB1509254187

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Devon Energy Production	Contact	Rudy Zuniga, Production Foreman
Address	6488 Seven Rivers Hwy Artesia, NM 88220	Telephone No.	575-390-5435
Facility Name	TNT 6 Fed Com 1	Facility Type	Gas

Surface Owner State	Mineral Owner State	API No.	30-015-31712
---------------------	---------------------	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	6	17S	29E	660	FSL	1980	FEL	Eddy

Latitude: 32°51'29.4"

Longitude: 104°06' 43.5"

NATURE OF RELEASE

Type of Release Spill	Volume of Release .5bbl	Volume Recovered 0bbl
Source of Release flowline	Date and Hour of Occurrence March 30, 2015 10:00AM	Date and Hour of Discovery March 30, 2015 10:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jeff Robertson, BLM Mike Bratcher, OCD	
By Whom? Ray Carter, Assistant Production Foreman	Date and Hour March 30, 2015 10:30 AM March 30, 2015 10:35 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*

On March 30, 2015 9:30 AM the Lease Operator noticed over spray in the pasture near the TNT 6 Fed Com 1, upon further investigation he discovered the poly line going from the TNT 6 Fed Com 1 to the TNT 6 Fed Com 2 had possibly been shot and caused a release in the pasture of 1/2bbl mixed oil and produced water.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately a 100x100 area in the pasture located northwest of the lease road leaving the TNT 6 Fed Com 1. The surrounding vegetation will be pressure washed with Dawn soap.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Sheila Fisher

Printed Name: Sheila Fisher

Title: Field Admin Support

E-mail Address: Sheila.Fisher@dvn.com

Date: 4/1/2015

Phone: 575.748.1829

OIL CONSERVATION DIVISION

Signed By: Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 4/2/15

Expiration Date: N/A

Conditions of Approval:

Attached ☐

Remediation per O.C.D. Rules & Guidelines

SUBMIT REMEDIATION PROPOSAL NO

LATER THAN: 5/2/15

* Attach Additional Sheets If Necessary

2RP-2932

Incident ID	NAB1509254187
District RP	2RP-2932
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?	<u><50'</u> (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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input checked="" 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.

Incident ID	NAB1509254187
District RP	2RP-2932
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: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 1/4/2023

email: dale.woodall@dv.n.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Incident ID	NAB1509254187
District RP	2RP-2932
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 1/4/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

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: _____



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
TNT FED COM 1**









Pima Environmental Services

Appendix E

Laboratory Reports



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

July 22, 2020

Chris Jones
Pima Environmental Services LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
TEL: (575) 631-6977
FAX

RE: TNT 6 FED COM 1

OrderNo.: 2007787

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 43 sample(s) on 7/15/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020 1:00:00 PM

Lab ID: 2007787-001

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/18/2020 6:52:00 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/18/2020 6:52:00 PM
Surr: DNOP	67.4	55.1-146		%Rec	1	7/18/2020 6:52:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/19/2020 3:31:22 PM
Surr: BFB	86.2	66.6-105		%Rec	1	7/19/2020 3:31:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/19/2020 3:31:22 PM
Toluene	ND	0.046		mg/Kg	1	7/19/2020 3:31:22 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/19/2020 3:31:22 PM
Xylenes, Total	ND	0.092		mg/Kg	1	7/19/2020 3:31:22 PM
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	7/19/2020 3:31:22 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 4:57:50 AM

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

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

Page 1 of 55

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-002

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/18/2020 7:16:26 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/18/2020 7:16:26 PM
Surr: DNOP	51.6	55.1-146	S	%Rec	1	7/18/2020 7:16:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/19/2020 3:55:07 PM
Surr: BFB	82.7	66.6-105		%Rec	1	7/19/2020 3:55:07 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/19/2020 3:55:07 PM
Toluene	ND	0.050		mg/Kg	1	7/19/2020 3:55:07 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/19/2020 3:55:07 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/19/2020 3:55:07 PM
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	7/19/2020 3:55:07 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	90	60		mg/Kg	20	7/21/2020 5:10:14 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-003

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/19/2020 3:27:03 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/19/2020 3:27:03 PM
Surr: DNOP	76.3	55.1-146		%Rec	1	7/19/2020 3:27:03 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 5:22:39 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/18/2020 8:30:31 PM
Toluene	ND	0.048		mg/Kg	1	7/18/2020 8:30:31 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2020 8:30:31 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/18/2020 8:30:31 PM
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	7/18/2020 8:30:31 PM
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	7/18/2020 8:30:31 PM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/18/2020 8:30:31 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/18/2020 8:30:31 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2020 8:30:31 PM
Surr: BFB	108	70-130		%Rec	1	7/18/2020 8:30:31 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-004

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 3:51:25 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 3:51:25 PM
Surr: DNOP	58.9	55.1-146		%Rec	1	7/19/2020 3:51:25 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 5:35:03 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/18/2020 11:57:58 PM
Toluene	ND	0.049		mg/Kg	1	7/18/2020 11:57:58 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2020 11:57:58 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/18/2020 11:57:58 PM
Surr: 1,2-Dichloroethane-d4	95.3	70-130		%Rec	1	7/18/2020 11:57:58 PM
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	7/18/2020 11:57:58 PM
Surr: Dibromofluoromethane	94.5	70-130		%Rec	1	7/18/2020 11:57:58 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/18/2020 11:57:58 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2020 11:57:58 PM
Surr: BFB	100	70-130		%Rec	1	7/18/2020 11:57:58 PM

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

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

Page 4 of 55

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-005

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/19/2020 4:15:49 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/19/2020 4:15:49 PM
Surr: DNOP	64.8	55.1-146		%Rec	1	7/19/2020 4:15:49 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	59		mg/Kg	20	7/21/2020 5:47:28 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 1:26:42 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 1:26:42 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 1:26:42 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/19/2020 1:26:42 AM
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	1	7/19/2020 1:26:42 AM
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/19/2020 1:26:42 AM
Surr: Dibromofluoromethane	98.4	70-130		%Rec	1	7/19/2020 1:26:42 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 1:26:42 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 1:26:42 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 1:26:42 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-006

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	7/19/2020 4:40:10 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/19/2020 4:40:10 PM
Surr: DNOP	71.9	55.1-146		%Rec	1	7/19/2020 4:40:10 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 5:59:53 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 1:56:20 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 1:56:20 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 1:56:20 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2020 1:56:20 AM
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	7/19/2020 1:56:20 AM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	7/19/2020 1:56:20 AM
Surr: Dibromofluoromethane	99.7	70-130		%Rec	1	7/19/2020 1:56:20 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 1:56:20 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 1:56:20 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 1:56:20 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-007

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 5:04:35 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 5:04:35 PM
Surr: DNOP	71.3	55.1-146		%Rec	1	7/19/2020 5:04:35 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 6:12:18 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 2:25:57 AM
Toluene	ND	0.047		mg/Kg	1	7/19/2020 2:25:57 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2020 2:25:57 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 2:25:57 AM
Surr: 1,2-Dichloroethane-d4	92.8	70-130		%Rec	1	7/19/2020 2:25:57 AM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/19/2020 2:25:57 AM
Surr: Dibromofluoromethane	96.7	70-130		%Rec	1	7/19/2020 2:25:57 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 2:25:57 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2020 2:25:57 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 2:25:57 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S5-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-008

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/18/2020 8:29:02 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/18/2020 8:29:02 PM
Surr: DNOP	77.7	55.1-146		%Rec	1	7/18/2020 8:29:02 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 2:21:33 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/19/2020 2:55:27 AM
Toluene	ND	0.047		mg/Kg	1	7/19/2020 2:55:27 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2020 2:55:27 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/19/2020 2:55:27 AM
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	7/19/2020 2:55:27 AM
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	7/19/2020 2:55:27 AM
Surr: Dibromofluoromethane	98.3	70-130		%Rec	1	7/19/2020 2:55:27 AM
Surr: Toluene-d8	101	70-130		%Rec	1	7/19/2020 2:55:27 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2020 2:55:27 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 2:55:27 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S6-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-009

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/18/2020 9:41:39 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/18/2020 9:41:39 PM
Surr: DNOP	63.6	55.1-146		%Rec	1	7/18/2020 9:41:39 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	110	60		mg/Kg	20	7/21/2020 2:58:36 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 3:24:48 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 3:24:48 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 3:24:48 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 3:24:48 AM
Surr: 1,2-Dichloroethane-d4	96.9	70-130		%Rec	1	7/19/2020 3:24:48 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	7/19/2020 3:24:48 AM
Surr: Dibromofluoromethane	99.7	70-130		%Rec	1	7/19/2020 3:24:48 AM
Surr: Toluene-d8	103	70-130		%Rec	1	7/19/2020 3:24:48 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 3:24:48 AM
Surr: BFB	103	70-130		%Rec	1	7/19/2020 3:24:48 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S6-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-010

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	11	10		mg/Kg	1	7/18/2020 10:05:49 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/18/2020 10:05:49 PM
Surr: DNOP	126	55.1-146		%Rec	1	7/18/2020 10:05:49 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	130	60		mg/Kg	20	7/21/2020 4:00:17 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 3:54:10 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 3:54:10 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 3:54:10 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2020 3:54:10 AM
Surr: 1,2-Dichloroethane-d4	97.3	70-130		%Rec	1	7/19/2020 3:54:10 AM
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/19/2020 3:54:10 AM
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/19/2020 3:54:10 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 3:54:10 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 3:54:10 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 3:54:10 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S7-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-011

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/18/2020 10:30:02 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/18/2020 10:30:02 PM
Surr: DNOP	83.5	55.1-146		%Rec	1	7/18/2020 10:30:02 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	61		mg/Kg	20	7/21/2020 4:12:38 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 4:23:44 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 4:23:44 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 4:23:44 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/19/2020 4:23:44 AM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	7/19/2020 4:23:44 AM
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	7/19/2020 4:23:44 AM
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	7/19/2020 4:23:44 AM
Surr: Toluene-d8	99.6	70-130		%Rec	1	7/19/2020 4:23:44 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 4:23:44 AM
Surr: BFB	101	70-130		%Rec	1	7/19/2020 4:23:44 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S8-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-012

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/18/2020 10:54:11 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/18/2020 10:54:11 PM
Surr: DNOP	67.0	55.1-146		%Rec	1	7/18/2020 10:54:11 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 4:24:58 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 4:53:11 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 4:53:11 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 4:53:11 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2020 4:53:11 AM
Surr: 1,2-Dichloroethane-d4	96.6	70-130		%Rec	1	7/19/2020 4:53:11 AM
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	7/19/2020 4:53:11 AM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/19/2020 4:53:11 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 4:53:11 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 4:53:11 AM
Surr: BFB	103	70-130		%Rec	1	7/19/2020 4:53:11 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S8-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-013

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/18/2020 11:18:24 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/18/2020 11:18:24 PM
Surr: DNOP	83.2	55.1-146		%Rec	1	7/18/2020 11:18:24 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 4:37:19 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 5:23:12 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 5:23:12 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 5:23:12 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2020 5:23:12 AM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	7/19/2020 5:23:12 AM
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	7/19/2020 5:23:12 AM
Surr: Dibromofluoromethane	96.4	70-130		%Rec	1	7/19/2020 5:23:12 AM
Surr: Toluene-d8	103	70-130		%Rec	1	7/19/2020 5:23:12 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 5:23:12 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 5:23:12 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S9-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-014

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/18/2020 11:42:30 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/18/2020 11:42:30 PM
Surr: DNOP	84.3	55.1-146		%Rec	1	7/18/2020 11:42:30 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 4:49:39 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 5:52:54 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 5:52:54 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 5:52:54 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 5:52:54 AM
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	7/19/2020 5:52:54 AM
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	7/19/2020 5:52:54 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/19/2020 5:52:54 AM
Surr: Toluene-d8	103	70-130		%Rec	1	7/19/2020 5:52:54 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 5:52:54 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 5:52:54 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S10-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-015

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 12:06:46 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 12:06:46 AM
Surr: DNOP	83.3	55.1-146		%Rec	1	7/19/2020 12:06:46 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 5:02:00 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 6:22:16 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 6:22:16 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 6:22:16 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/19/2020 6:22:16 AM
Surr: 1,2-Dichloroethane-d4	95.1	70-130		%Rec	1	7/19/2020 6:22:16 AM
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	7/19/2020 6:22:16 AM
Surr: Dibromofluoromethane	98.0	70-130		%Rec	1	7/19/2020 6:22:16 AM
Surr: Toluene-d8	107	70-130		%Rec	1	7/19/2020 6:22:16 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 6:22:16 AM
Surr: BFB	106	70-130		%Rec	1	7/19/2020 6:22:16 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S11-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-016

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/19/2020 12:30:53 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 12:30:53 AM
Surr: DNOP	82.3	55.1-146		%Rec	1	7/19/2020 12:30:53 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 5:14:21 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 6:51:57 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 6:51:57 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 6:51:57 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/19/2020 6:51:57 AM
Surr: 1,2-Dichloroethane-d4	98.7	70-130		%Rec	1	7/19/2020 6:51:57 AM
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	7/19/2020 6:51:57 AM
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/19/2020 6:51:57 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 6:51:57 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 6:51:57 AM
Surr: BFB	102	70-130		%Rec	1	7/19/2020 6:51:57 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S11-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-017

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 12:55:03 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 12:55:03 AM
Surr: DNOP	81.6	55.1-146		%Rec	1	7/19/2020 12:55:03 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 5:26:41 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 7:21:20 AM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 7:21:20 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 7:21:20 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2020 7:21:20 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/19/2020 7:21:20 AM
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	7/19/2020 7:21:20 AM
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/19/2020 7:21:20 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 7:21:20 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 7:21:20 AM
Surr: BFB	101	70-130		%Rec	1	7/19/2020 7:21:20 AM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S12-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-018

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/19/2020 1:19:05 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/19/2020 1:19:05 AM
Surr: DNOP	77.7	55.1-146		%Rec	1	7/19/2020 1:19:05 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 5:39:01 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 7:51:04 AM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 7:51:04 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 7:51:04 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/19/2020 7:51:04 AM
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	7/19/2020 7:51:04 AM
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	7/19/2020 7:51:04 AM
Surr: Dibromofluoromethane	99.7	70-130		%Rec	1	7/19/2020 7:51:04 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 7:51:04 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 7:51:04 AM
Surr: BFB	104	70-130		%Rec	1	7/19/2020 7:51:04 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S13-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-019

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/19/2020 2:07:27 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/19/2020 2:07:27 AM
Surr: DNOP	73.8	55.1-146		%Rec	1	7/19/2020 2:07:27 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	77	60		mg/Kg	20	7/21/2020 5:51:23 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 12:08:31 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 12:08:31 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 12:08:31 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 12:08:31 PM
Surr: 1,2-Dichloroethane-d4	95.8	70-130		%Rec	1	7/19/2020 12:08:31 PM
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	7/19/2020 12:08:31 PM
Surr: Dibromofluoromethane	95.4	70-130		%Rec	1	7/19/2020 12:08:31 PM
Surr: Toluene-d8	106	70-130		%Rec	1	7/19/2020 12:08:31 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 12:08:31 PM
Surr: BFB	102	70-130		%Rec	1	7/19/2020 12:08:31 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S14-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-020

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/19/2020 2:31:40 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 2:31:40 AM
Surr: DNOP	79.3	55.1-146		%Rec	1	7/19/2020 2:31:40 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 6:28:25 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 12:38:21 PM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 12:38:21 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 12:38:21 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2020 12:38:21 PM
Surr: 1,2-Dichloroethane-d4	95.6	70-130		%Rec	1	7/19/2020 12:38:21 PM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/19/2020 12:38:21 PM
Surr: Dibromofluoromethane	95.1	70-130		%Rec	1	7/19/2020 12:38:21 PM
Surr: Toluene-d8	99.3	70-130		%Rec	1	7/19/2020 12:38:21 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 12:38:21 PM
Surr: BFB	101	70-130		%Rec	1	7/19/2020 12:38:21 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S15-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-021

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/19/2020 2:55:44 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 2:55:44 AM
Surr: DNOP	75.7	55.1-146		%Rec	1	7/19/2020 2:55:44 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 6:40:46 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 1:08:17 PM
Toluene	ND	0.050		mg/Kg	1	7/19/2020 1:08:17 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/19/2020 1:08:17 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/19/2020 1:08:17 PM
Surr: 1,2-Dichloroethane-d4	96.7	70-130		%Rec	1	7/19/2020 1:08:17 PM
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	7/19/2020 1:08:17 PM
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	7/19/2020 1:08:17 PM
Surr: Toluene-d8	106	70-130		%Rec	1	7/19/2020 1:08:17 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/19/2020 1:08:17 PM
Surr: BFB	107	70-130		%Rec	1	7/19/2020 1:08:17 PM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S15-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-022

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/19/2020 3:20:02 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/19/2020 3:20:02 AM
Surr: DNOP	101	55.1-146		%Rec	1	7/19/2020 3:20:02 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 6:53:06 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 1:38:22 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 1:38:22 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 1:38:22 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/19/2020 1:38:22 PM
Surr: 1,2-Dichloroethane-d4	95.7	70-130		%Rec	1	7/19/2020 1:38:22 PM
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	7/19/2020 1:38:22 PM
Surr: Dibromofluoromethane	97.1	70-130		%Rec	1	7/19/2020 1:38:22 PM
Surr: Toluene-d8	107	70-130		%Rec	1	7/19/2020 1:38:22 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 1:38:22 PM
Surr: BFB	107	70-130		%Rec	1	7/19/2020 1:38:22 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S16-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-023

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/19/2020 3:44:09 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 3:44:09 AM
Surr: DNOP	98.8	55.1-146		%Rec	1	7/19/2020 3:44:09 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	71	60		mg/Kg	20	7/21/2020 7:05:26 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/19/2020 2:08:30 PM
Toluene	ND	0.046		mg/Kg	1	7/19/2020 2:08:30 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/19/2020 2:08:30 PM
Xylenes, Total	ND	0.092		mg/Kg	1	7/19/2020 2:08:30 PM
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	7/19/2020 2:08:30 PM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	7/19/2020 2:08:30 PM
Surr: Dibromofluoromethane	95.8	70-130		%Rec	1	7/19/2020 2:08:30 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/19/2020 2:08:30 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/19/2020 2:08:30 PM
Surr: BFB	105	70-130		%Rec	1	7/19/2020 2:08:30 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S16-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-024

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/19/2020 4:08:18 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 4:08:18 AM
Surr: DNOP	86.3	55.1-146		%Rec	1	7/19/2020 4:08:18 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 7:17:46 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 3:39:04 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 3:39:04 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 3:39:04 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2020 3:39:04 PM
Surr: 1,2-Dichloroethane-d4	93.9	70-130		%Rec	1	7/19/2020 3:39:04 PM
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	7/19/2020 3:39:04 PM
Surr: Dibromofluoromethane	93.9	70-130		%Rec	1	7/19/2020 3:39:04 PM
Surr: Toluene-d8	107	70-130		%Rec	1	7/19/2020 3:39:04 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 3:39:04 PM
Surr: BFB	105	70-130		%Rec	1	7/19/2020 3:39:04 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S17-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-025

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 4:32:27 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 4:32:27 AM
Surr: DNOP	95.0	55.1-146		%Rec	1	7/19/2020 4:32:27 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 7:30:07 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/19/2020 5:09:54 PM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 5:09:54 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 5:09:54 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/19/2020 5:09:54 PM
Surr: 1,2-Dichloroethane-d4	92.2	70-130		%Rec	1	7/19/2020 5:09:54 PM
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	7/19/2020 5:09:54 PM
Surr: Dibromofluoromethane	97.2	70-130		%Rec	1	7/19/2020 5:09:54 PM
Surr: Toluene-d8	108	70-130		%Rec	1	7/19/2020 5:09:54 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 5:09:54 PM
Surr: BFB	105	70-130		%Rec	1	7/19/2020 5:09:54 PM

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

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

Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S18-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-026

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/19/2020 4:56:39 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 4:56:39 AM
Surr: DNOP	89.7	55.1-146		%Rec	1	7/19/2020 4:56:39 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	66	60		mg/Kg	20	7/21/2020 7:42:27 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 5:40:17 PM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 5:40:17 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 5:40:17 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2020 5:40:17 PM
Surr: 1,2-Dichloroethane-d4	92.7	70-130		%Rec	1	7/19/2020 5:40:17 PM
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	7/19/2020 5:40:17 PM
Surr: Dibromofluoromethane	94.6	70-130		%Rec	1	7/19/2020 5:40:17 PM
Surr: Toluene-d8	108	70-130		%Rec	1	7/19/2020 5:40:17 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 5:40:17 PM
Surr: BFB	106	70-130		%Rec	1	7/19/2020 5:40:17 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S18-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-027

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/19/2020 5:20:45 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/19/2020 5:20:45 AM
Surr: DNOP	100	55.1-146		%Rec	1	7/19/2020 5:20:45 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	200	60		mg/Kg	20	7/21/2020 7:54:48 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 6:10:34 PM
Toluene	ND	0.047		mg/Kg	1	7/19/2020 6:10:34 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2020 6:10:34 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 6:10:34 PM
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	7/19/2020 6:10:34 PM
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	7/19/2020 6:10:34 PM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/19/2020 6:10:34 PM
Surr: Toluene-d8	110	70-130		%Rec	1	7/19/2020 6:10:34 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2020 6:10:34 PM
Surr: BFB	106	70-130		%Rec	1	7/19/2020 6:10:34 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S19-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-028

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	7/19/2020 1:43:53 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/19/2020 1:43:53 AM
Surr: DNOP	101	55.1-146		%Rec	1	7/19/2020 1:43:53 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	63	60		mg/Kg	20	7/21/2020 8:57:34 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 6:40:47 PM
Toluene	ND	0.049		mg/Kg	1	7/19/2020 6:40:47 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 6:40:47 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/19/2020 6:40:47 PM
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	7/19/2020 6:40:47 PM
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	7/19/2020 6:40:47 PM
Surr: Dibromofluoromethane	98.8	70-130		%Rec	1	7/19/2020 6:40:47 PM
Surr: Toluene-d8	108	70-130		%Rec	1	7/19/2020 6:40:47 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 6:40:47 PM
Surr: BFB	108	70-130		%Rec	1	7/19/2020 6:40:47 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S19-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-029

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	7/19/2020 2:57:16 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/19/2020 2:57:16 AM
Surr: DNOP	95.6	55.1-146		%Rec	1	7/19/2020 2:57:16 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	110	60		mg/Kg	20	7/21/2020 9:34:37 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 7:11:01 PM
Toluene	ND	0.047		mg/Kg	1	7/19/2020 7:11:01 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2020 7:11:01 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 7:11:01 PM
Surr: 1,2-Dichloroethane-d4	96.2	70-130		%Rec	1	7/19/2020 7:11:01 PM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/19/2020 7:11:01 PM
Surr: Dibromofluoromethane	98.1	70-130		%Rec	1	7/19/2020 7:11:01 PM
Surr: Toluene-d8	106	70-130		%Rec	1	7/19/2020 7:11:01 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2020 7:11:01 PM
Surr: BFB	103	70-130		%Rec	1	7/19/2020 7:11:01 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S20-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-030

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/19/2020 3:21:41 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 3:21:41 AM
Surr: DNOP	85.7	55.1-146		%Rec	1	7/19/2020 3:21:41 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 9:46:57 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 7:40:56 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 7:40:56 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 7:40:56 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2020 7:40:56 PM
Surr: 1,2-Dichloroethane-d4	92.1	70-130		%Rec	1	7/19/2020 7:40:56 PM
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	7/19/2020 7:40:56 PM
Surr: Dibromofluoromethane	94.2	70-130		%Rec	1	7/19/2020 7:40:56 PM
Surr: Toluene-d8	105	70-130		%Rec	1	7/19/2020 7:40:56 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 7:40:56 PM
Surr: BFB	103	70-130		%Rec	1	7/19/2020 7:40:56 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S21-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-031

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/19/2020 3:46:08 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/19/2020 3:46:08 AM
Surr: DNOP	95.0	55.1-146		%Rec	1	7/19/2020 3:46:08 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	660	60		mg/Kg	20	7/21/2020 9:59:20 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/19/2020 8:10:48 PM
Toluene	ND	0.046		mg/Kg	1	7/19/2020 8:10:48 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/19/2020 8:10:48 PM
Xylenes, Total	ND	0.093		mg/Kg	1	7/19/2020 8:10:48 PM
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	7/19/2020 8:10:48 PM
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	7/19/2020 8:10:48 PM
Surr: Dibromofluoromethane	95.6	70-130		%Rec	1	7/19/2020 8:10:48 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/19/2020 8:10:48 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/19/2020 8:10:48 PM
Surr: BFB	103	70-130		%Rec	1	7/19/2020 8:10:48 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S21-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-032

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/19/2020 4:10:29 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/19/2020 4:10:29 AM
Surr: DNOP	92.9	55.1-146		%Rec	1	7/19/2020 4:10:29 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 10:11:41 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 8:40:39 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 8:40:39 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 8:40:39 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2020 8:40:39 PM
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	7/19/2020 8:40:39 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	7/19/2020 8:40:39 PM
Surr: Dibromofluoromethane	96.8	70-130		%Rec	1	7/19/2020 8:40:39 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/19/2020 8:40:39 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 8:40:39 PM
Surr: BFB	105	70-130		%Rec	1	7/19/2020 8:40:39 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S22-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-033

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/19/2020 4:34:56 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 4:34:56 AM
Surr: DNOP	95.0	55.1-146		%Rec	1	7/19/2020 4:34:56 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 10:24:02 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/19/2020 9:10:25 PM
Toluene	ND	0.048		mg/Kg	1	7/19/2020 9:10:25 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2020 9:10:25 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2020 9:10:25 PM
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	7/19/2020 9:10:25 PM
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/19/2020 9:10:25 PM
Surr: Dibromofluoromethane	97.1	70-130		%Rec	1	7/19/2020 9:10:25 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/19/2020 9:10:25 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2020 9:10:25 PM
Surr: BFB	102	70-130		%Rec	1	7/19/2020 9:10:25 PM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S23-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-034

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	200	9.4		mg/Kg	1	7/20/2020 12:06:14 PM
Motor Oil Range Organics (MRO)	380	47		mg/Kg	1	7/20/2020 12:06:14 PM
Surr: DNOP	102	55.1-146		%Rec	1	7/20/2020 12:06:14 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	460	60		mg/Kg	20	7/21/2020 11:01:04 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/20/2020 12:07:31 AM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 12:07:31 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 12:07:31 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 12:07:31 AM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	7/20/2020 12:07:31 AM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	7/20/2020 12:07:31 AM
Surr: Dibromofluoromethane	99.0	70-130		%Rec	1	7/20/2020 12:07:31 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/20/2020 12:07:31 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 12:07:31 AM
Surr: BFB	105	70-130		%Rec	1	7/20/2020 12:07:31 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S23-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-035

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	1200	190		mg/Kg	20	7/19/2020 5:23:42 AM
Motor Oil Range Organics (MRO)	2000	930		mg/Kg	20	7/19/2020 5:23:42 AM
Surr: DNOP	0	55.1-146	S	%Rec	20	7/19/2020 5:23:42 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	440	60		mg/Kg	20	7/21/2020 11:13:25 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/20/2020 12:36:54 AM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 12:36:54 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 12:36:54 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 12:36:54 AM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 12:36:54 AM
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	7/20/2020 12:36:54 AM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/20/2020 12:36:54 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/20/2020 12:36:54 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 12:36:54 AM
Surr: BFB	104	70-130		%Rec	1	7/20/2020 12:36:54 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S24-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-036

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/20/2020 1:05:05 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/20/2020 1:05:05 PM
Surr: DNOP	103	55.1-146		%Rec	1	7/20/2020 1:05:05 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	69	60		mg/Kg	20	7/21/2020 11:25:45 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/20/2020 1:06:19 AM
Toluene	ND	0.047		mg/Kg	1	7/20/2020 1:06:19 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/20/2020 1:06:19 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 1:06:19 AM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	7/20/2020 1:06:19 AM
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	7/20/2020 1:06:19 AM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/20/2020 1:06:19 AM
Surr: Toluene-d8	107	70-130		%Rec	1	7/20/2020 1:06:19 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/20/2020 1:06:19 AM
Surr: BFB	105	70-130		%Rec	1	7/20/2020 1:06:19 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S25-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-037

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/19/2020 6:12:34 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 6:12:34 AM
Surr: DNOP	97.2	55.1-146		%Rec	1	7/19/2020 6:12:34 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 11:38:05 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/20/2020 1:35:43 AM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 1:35:43 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 1:35:43 AM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 1:35:43 AM
Surr: 1,2-Dichloroethane-d4	99.0	70-130		%Rec	1	7/20/2020 1:35:43 AM
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	7/20/2020 1:35:43 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/20/2020 1:35:43 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/20/2020 1:35:43 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 1:35:43 AM
Surr: BFB	104	70-130		%Rec	1	7/20/2020 1:35:43 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S25-1'

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-038

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/19/2020 6:36:58 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/19/2020 6:36:58 AM
Surr: DNOP	96.7	55.1-146		%Rec	1	7/19/2020 6:36:58 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 11:50:27 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/20/2020 2:05:03 AM
Toluene	ND	0.046		mg/Kg	1	7/20/2020 2:05:03 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/20/2020 2:05:03 AM
Xylenes, Total	ND	0.092		mg/Kg	1	7/20/2020 2:05:03 AM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 2:05:03 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	7/20/2020 2:05:03 AM
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/20/2020 2:05:03 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/20/2020 2:05:03 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/20/2020 2:05:03 AM
Surr: BFB	104	70-130		%Rec	1	7/20/2020 2:05:03 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S26-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-039

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/19/2020 7:01:00 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 7:01:00 AM
Surr: DNOP	95.0	55.1-146		%Rec	1	7/19/2020 7:01:00 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 12:02:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/20/2020 2:34:26 AM
Toluene	ND	0.047		mg/Kg	1	7/20/2020 2:34:26 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/20/2020 2:34:26 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/20/2020 2:34:26 AM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 2:34:26 AM
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	7/20/2020 2:34:26 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/20/2020 2:34:26 AM
Surr: Toluene-d8	105	70-130		%Rec	1	7/20/2020 2:34:26 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/20/2020 2:34:26 AM
Surr: BFB	103	70-130		%Rec	1	7/20/2020 2:34:26 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S27-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-040

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/19/2020 7:25:11 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/19/2020 7:25:11 AM
Surr: DNOP	101	55.1-146		%Rec	1	7/19/2020 7:25:11 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 12:15:08 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/20/2020 3:03:48 AM
Toluene	ND	0.047		mg/Kg	1	7/20/2020 3:03:48 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/20/2020 3:03:48 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 3:03:48 AM
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	7/20/2020 3:03:48 AM
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	7/20/2020 3:03:48 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/20/2020 3:03:48 AM
Surr: Toluene-d8	105	70-130		%Rec	1	7/20/2020 3:03:48 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/20/2020 3:03:48 AM
Surr: BFB	102	70-130		%Rec	1	7/20/2020 3:03:48 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S28-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-041

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/19/2020 7:49:18 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/19/2020 7:49:18 AM
Surr: DNOP	96.5	55.1-146		%Rec	1	7/19/2020 7:49:18 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 12:27:29 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.024		mg/Kg	1	7/20/2020 3:33:11 AM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 3:33:11 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 3:33:11 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 3:33:11 AM
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	7/20/2020 3:33:11 AM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	7/20/2020 3:33:11 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/20/2020 3:33:11 AM
Surr: Toluene-d8	109	70-130		%Rec	1	7/20/2020 3:33:11 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 3:33:11 AM
Surr: BFB	104	70-130		%Rec	1	7/20/2020 3:33:11 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S29-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-042

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	1300	95		mg/Kg	10	7/20/2020 1:53:12 PM
Motor Oil Range Organics (MRO)	1900	480		mg/Kg	10	7/20/2020 1:53:12 PM
Surr: DNOP	0	55.1-146	S	%Rec	10	7/20/2020 1:53:12 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1300	60		mg/Kg	20	7/21/2020 12:39:51 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.025		mg/Kg	1	7/20/2020 4:02:32 AM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 4:02:32 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 4:02:32 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 4:02:32 AM
Surr: 1,2-Dichloroethane-d4	97.9	70-130		%Rec	1	7/20/2020 4:02:32 AM
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	7/20/2020 4:02:32 AM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/20/2020 4:02:32 AM
Surr: Toluene-d8	105	70-130		%Rec	1	7/20/2020 4:02:32 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 4:02:32 AM
Surr: BFB	105	70-130		%Rec	1	7/20/2020 4:02:32 AM

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

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

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Analytical Report

Lab Order 2007787

Date Reported: 7/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S30-0-6"

Project: TNT 6 FED COM 1

Collection Date: 7/14/2020

Lab ID: 2007787-043

Matrix: SOIL

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	7/19/2020 8:37:38 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/19/2020 8:37:38 AM
Surr: DNOP	96.3	55.1-146		%Rec	1	7/19/2020 8:37:38 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 12:52:13 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	0.023		mg/Kg	1	7/18/2020 6:15:55 AM
Toluene	ND	0.047		mg/Kg	1	7/18/2020 6:15:55 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/18/2020 6:15:55 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/18/2020 6:15:55 AM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/18/2020 6:15:55 AM
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	7/18/2020 6:15:55 AM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/18/2020 6:15:55 AM
Surr: Toluene-d8	102	70-130		%Rec	1	7/18/2020 6:15:55 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/18/2020 6:15:55 AM
Surr: BFB	95.3	70-130		%Rec	1	7/18/2020 6:15:55 AM

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

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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: MB-53840	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53840	RunNo: 70463								
Prep Date: 7/20/2020	Analysis Date: 7/21/2020	SeqNo: 2451284 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53840	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53840	RunNo: 70463								
Prep Date: 7/20/2020	Analysis Date: 7/21/2020	SeqNo: 2451285 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Sample ID: MB-53842	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53842	RunNo: 70476								
Prep Date: 7/20/2020	Analysis Date: 7/21/2020	SeqNo: 2451372 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53842	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53842	RunNo: 70476								
Prep Date: 7/20/2020	Analysis Date: 7/21/2020	SeqNo: 2451373 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: MB-53856	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53856	RunNo: 70504								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452369 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53856	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53856	RunNo: 70504								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452370 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: MB-53802	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53802	RunNo: 70448								
Prep Date: 7/18/2020	Analysis Date: 7/19/2020	SeqNo: 2450047 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.8	55.1	146			

Sample ID: LCS-53802	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53802	RunNo: 70448								
Prep Date: 7/18/2020	Analysis Date: 7/19/2020	SeqNo: 2450049 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.1	70	130			
Surr: DNOP	4.5		5.000		89.1	55.1	146			

Sample ID: 2007787-028AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S19-0-6"	Batch ID: 53802	RunNo: 70448								
Prep Date: 7/18/2020	Analysis Date: 7/19/2020	SeqNo: 2450053 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.4	47.21	0	97.5	47.4	136			
Surr: DNOP	4.3		4.721		91.6	55.1	146			

Sample ID: 2007787-028AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S19-0-6"	Batch ID: 53802	RunNo: 70448								
Prep Date: 7/18/2020	Analysis Date: 7/19/2020	SeqNo: 2450055 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.6	48.03	0	95.1	47.4	136	0.841	43.4	
Surr: DNOP	4.4		4.803		91.3	55.1	146	0	0	

Sample ID: MB-53768	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53768	RunNo: 70449								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2450409 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.2	55.1	146			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: MB-53797	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53797	RunNo: 70449								
Prep Date: 7/17/2020	Analysis Date: 7/19/2020	SeqNo: 2450410 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		115	55.1	146			

Sample ID: MB-53801	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53801	RunNo: 70449								
Prep Date: 7/18/2020	Analysis Date: 7/18/2020	SeqNo: 2450411 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	6.0		10.00		60.2	55.1	146			

Sample ID: LCS-53768	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53768	RunNo: 70449								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2450412 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	101	70	130			
Surr: DNOP	4.1		5.000		82.6	55.1	146			

Sample ID: LCS-53797	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53797	RunNo: 70449								
Prep Date: 7/17/2020	Analysis Date: 7/19/2020	SeqNo: 2450413 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	70	130			
Surr: DNOP	5.2		5.000		104	55.1	146			

Sample ID: LCS-53801	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53801	RunNo: 70449								
Prep Date: 7/18/2020	Analysis Date: 7/18/2020	SeqNo: 2450414 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.4	70	130			
Surr: DNOP	2.4		5.000		47.1	55.1	146			S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: 2007787-008AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S5-0-6"	Batch ID: 53801	RunNo: 70449								
Prep Date: 7/18/2020	Analysis Date: 7/18/2020	SeqNo: 2450487	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.20	3.580	93.6	47.4	136			
Surr: DNOP	2.6		5.020		51.6	55.1	146			S

Sample ID: 2007787-008AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S5-0-6"	Batch ID: 53801	RunNo: 70449								
Prep Date: 7/18/2020	Analysis Date: 7/18/2020	SeqNo: 2450493	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.40	3.580	95.4	47.4	136	2.19	43.4	
Surr: DNOP	2.7		5.040		53.8	55.1	146	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC

Project: TNT 6 FED COM 1

Sample ID: MB-53760	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 53760	RunNo: 70450								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449600	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.1	66.6	105			

Sample ID: LCS-53760	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 53760	RunNo: 70450								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449601	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	75.3	72.5	106			
Surr: BFB	970		1000		96.7	66.6	105			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of range due to dilution or matrix
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: MB-53760	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 53760	RunNo: 70450								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449725 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID: lcs-53760	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 53760	RunNo: 70450								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449726 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	100	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID: mb-53810	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 53810	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451208 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID: lcs-53810	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 53810	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451209 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: mb-53781	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53781	RunNo: 70438								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448722	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		99.6	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.8	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		106	70	130			
Surr: Toluene-d8	0.53		0.5000		106	70	130			

Sample ID: lcs-53781	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53781	RunNo: 70438								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448723	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		102	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		92.0	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		107	70	130			
Surr: Toluene-d8	0.52		0.5000		103	70	130			

Sample ID: 2007787-043ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S30-0-6"	Batch ID: 53781	RunNo: 70438								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448725	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.023	0.9363	0	117	71.1	115			S
Toluene	1.0	0.047	0.9363	0	110	79.6	132			
Ethylbenzene	1.1	0.047	0.9363	0	114	83.8	134			
Xylenes, Total	3.2	0.094	2.809	0	115	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.49		0.4682		105	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4682		98.0	70	130			
Surr: Dibromofluoromethane	0.49		0.4682		105	70	130			
Surr: Toluene-d8	0.49		0.4682		105	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: 2007787-043amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S30-0-6"	Batch ID: 53781	RunNo: 70438								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448726 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	0.9843	0	120	71.1	115	7.49	20	S
Toluene	1.1	0.049	0.9843	0	107	79.6	132	2.73	20	
Ethylbenzene	1.1	0.049	0.9843	0	113	83.8	134	4.20	20	
Xylenes, Total	3.5	0.098	2.953	0	118	82.4	132	7.85	20	
Surr: 1,2-Dichloroethane-d4	0.52		0.4921		106	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.45		0.4921		92.4	70	130	0	0	
Surr: Dibromofluoromethane	0.52		0.4921		106	70	130	0	0	
Surr: Toluene-d8	0.51		0.4921		104	70	130	0	0	

Sample ID: mb-53773	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53773	RunNo: 70441								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448916 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.44		0.5000		88.6	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.6	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.6	70	130			
Surr: Toluene-d8	0.51		0.5000		101	70	130			

Sample ID: lcs-53773	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53773	RunNo: 70441								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448917 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.1	0.050	1.000	0	106	80	120			
Ethylbenzene	1.1	0.050	1.000	0	108	80	120			
Xylenes, Total	3.2	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.7	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		91.9	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		97.0	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: 2007787-004ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S2-1'	Batch ID: 53773	RunNo: 70441								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2448920	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.024	0.9461	0	102	71.1	115			
Toluene	1.0	0.047	0.9461	0	110	79.6	132			
Ethylbenzene	1.1	0.047	0.9461	0	111	83.8	134			
Xylenes, Total	3.1	0.095	2.838	0	110	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.45		0.4730		94.2	70	130			
Surr: 4-Bromofluorobenzene	0.44		0.4730		93.1	70	130			
Surr: Dibromofluoromethane	0.46		0.4730		96.2	70	130			
Surr: Toluene-d8	0.48		0.4730		102	70	130			

Sample ID: 2007787-004amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S2-1'	Batch ID: 53773	RunNo: 70441								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2448921	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	0.9833	0	99.3	71.1	115	1.61	20	
Toluene	1.1	0.049	0.9833	0	110	79.6	132	4.19	20	
Ethylbenzene	1.1	0.049	0.9833	0	109	83.8	134	2.36	20	
Xylenes, Total	3.2	0.098	2.950	0	109	82.4	132	2.85	20	
Surr: 1,2-Dichloroethane-d4	0.46		0.4916		94.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.45		0.4916		91.5	70	130	0	0	
Surr: Dibromofluoromethane	0.45		0.4916		92.3	70	130	0	0	
Surr: Toluene-d8	0.52		0.4916		106	70	130	0	0	

Sample ID: mb-53774	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449991	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		97.6	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		92.9	70	130			
Surr: Dibromofluoromethane	0.48		0.5000		96.1	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: Ics-53774	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449992	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.5	80	120			
Toluene	1.1	0.050	1.000	0	106	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.3	0.10	3.000	0	109	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		97.3	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.2	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		97.2	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Sample ID: 2007787-024ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S16-1'	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449995	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	0.9823	0	92.1	71.1	115			
Toluene	1.1	0.049	0.9823	0	113	79.6	132			
Ethylbenzene	1.1	0.049	0.9823	0	116	83.8	134			
Xylenes, Total	3.4	0.098	2.947	0	114	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.47		0.4912		95.8	70	130			
Surr: 4-Bromofluorobenzene	0.45		0.4912		91.2	70	130			
Surr: Dibromofluoromethane	0.48		0.4912		97.0	70	130			
Surr: Toluene-d8	0.53		0.4912		109	70	130			

Sample ID: 2007787-024amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S16-1'	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2449996	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9940	0	95.4	71.1	115	4.61	20	
Toluene	1.1	0.050	0.9940	0	111	79.6	132	0.699	20	
Ethylbenzene	1.1	0.050	0.9940	0	113	83.8	134	0.911	20	
Xylenes, Total	3.4	0.099	2.982	0	113	82.4	132	0.562	20	
Surr: 1,2-Dichloroethane-d4	0.49		0.4970		98.6	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.47		0.4970		94.8	70	130	0	0	
Surr: Dibromofluoromethane	0.48		0.4970		96.3	70	130	0	0	
Surr: Toluene-d8	0.53		0.4970		107	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: mb-53781	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 53781			RunNo: 70438						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448783		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	490		500.0		98.1	70	130			

Sample ID: lcs-53781	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 53781			RunNo: 70438						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448784		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	75.0	70	130			
Surr: BFB	490		500.0		97.3	70	130			

Sample ID: mb-53773	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 53773			RunNo: 70441						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448945		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	530		500.0		107	70	130			

Sample ID: lcs-53773	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 53773			RunNo: 70441						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448946		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.7	70	130			
Surr: BFB	540		500.0		107	70	130			

Sample ID: 2007787-003ams	SampType: MS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: S2-0-6"	Batch ID: 53773			RunNo: 70441						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448948		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.65	0	97.7	70	130			
Surr: BFB	500		473.0		105	70	130			

Sample ID: 2007787-003AMSD	SampType: MSD			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: S2-0-6"	Batch ID: 53773			RunNo: 70441						
Prep Date: 7/16/2020	Analysis Date: 7/18/2020			SeqNo: 2448965		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2007787

22-Jul-20

Client: Pima Environmental Services LLC**Project:** TNT 6 FED COM 1

Sample ID: 2007787-003AMSD	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S2-0-6"	Batch ID: 53773	RunNo: 70441								
Prep Date: 7/16/2020	Analysis Date: 7/18/2020	SeqNo: 2448965 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	24.88	0	91.2	70	130	1.82	20	
Surr: BFB	530		497.5		106	70	130	0	0	

Sample ID: mb-53774	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2450021 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	520		500.0		104	70	130			

Sample ID: lcs-53774	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2450022 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.1	70	130			
Surr: BFB	510		500.0		102	70	130			

Sample ID: 2007787-023ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S16-0-6"	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2450024 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.7	23.56	0	86.6	70	130			
Surr: BFB	480		471.3		102	70	130			

Sample ID: 2007787-023amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S16-0-6"	Batch ID: 53774	RunNo: 70455								
Prep Date: 7/16/2020	Analysis Date: 7/19/2020	SeqNo: 2450025 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.6	23.15	0	94.6	70	130	7.06	20	
Surr: BFB	470		463.0		102	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

Sample Log-In Check List

Client Name: Pima Environmental Services LLC

Work Order Number: 2007787

RcptNo: 1

Received By: Cheyenne Cason 7/15/2020 2:50:00 PM

Completed By: Michelle Garcia 7/15/2020 4:39:20 PM

Reviewed By: EM 7/16/20

Michelle Garcia

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

IO
7/16/20

Special Handling (if applicable)

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

Person Notified: Chris Jones Date: 7/16/20
By Whom: Leah Baca Via: ☒ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: Collection date discrepancy
Client Instructions: Use DATE on COC on Bottles

16. Additional remarks:

LB 7/16/20

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.5	Good	Yes			
2	3.2	Good	Yes			
3	2.2	Good	Yes			

Released to Imaging: 2/2/2023 9:42:39 AM

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: TNT 6 Fed Conn 1

Project #:	23
------------	----

Project Manager:
Chris Jones

On Ice: ☒ Yes ☐ No

of Coolers: 3
Cooler Temp (including CF): See below (°C)

		DATE: 01/11/2019 TIME: 14:00
--	--	------------------------------

[illegible]

Remarks:	$3.4 + 0.1 = 3.5$ $3.1 + 0.1 = 3.2$ $2.1 + 0.1 = 2.2$ cc 7/15/20 2 of 4
----------	---



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

February 05, 2021

Chris Jones

Pima Environmental Services LLC

1601 N. Turner Ste 500

Hobbs, NM 88240

TEL: (575) 631-6977

FAX:

RE: TNT 6 FED Com 1

OrderNo.: 2102062

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 3 sample(s) on 2/2/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2102062

Date Reported: 2/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1

Project: TNT 6 FED Com 1

Collection Date: 2/1/2021 12:15:00 PM

Lab ID: 2102062-001

Matrix: SOIL

Received Date: 2/2/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	2/4/2021 4:47:50 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/4/2021 4:47:50 PM
Surr: DNOP	96.8	70-130		%Rec	1	2/4/2021 4:47:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/3/2021 3:56:29 PM
Surr: BFB	107	75.3-105	S	%Rec	1	2/3/2021 3:56:29 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	2/3/2021 3:56:29 PM
Toluene	ND	0.049		mg/Kg	1	2/3/2021 3:56:29 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/3/2021 3:56:29 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/3/2021 3:56:29 PM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	2/3/2021 3:56:29 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	ND	60		mg/Kg	20	2/4/2021 12:50:52 PM

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

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

Analytical Report

Lab Order 2102062

Date Reported: 2/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2

Project: TNT 6 FED Com 1

Collection Date: 2/1/2021 12:20:00 PM

Lab ID: 2102062-002

Matrix: SOIL

Received Date: 2/2/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: mb
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	2/4/2021 6:00:11 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/4/2021 6:00:11 PM
Surr: DNOP	83.9	70-130		%Rec	1	2/4/2021 6:00:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/3/2021 5:06:49 PM
Surr: BFB	109	75.3-105	S	%Rec	1	2/3/2021 5:06:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	2/3/2021 5:06:49 PM
Toluene	ND	0.049		mg/Kg	1	2/3/2021 5:06:49 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/3/2021 5:06:49 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/3/2021 5:06:49 PM
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	2/3/2021 5:06:49 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	ND	60		mg/Kg	20	2/4/2021 1:03:16 PM

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

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

Analytical Report

Lab Order 2102062

Date Reported: 2/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3

Project: TNT 6 FED Com 1

Collection Date: 2/1/2021 12:25:00 PM

Lab ID: 2102062-003

Matrix: SOIL

Received Date: 2/2/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: mb
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	2/4/2021 6:24:20 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	2/4/2021 6:24:20 PM
Surr: DNOP	74.5	70-130		%Rec	1	2/4/2021 6:24:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/3/2021 6:17:05 PM
Surr: BFB	107	75.3-105	S	%Rec	1	2/3/2021 6:17:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	2/3/2021 6:17:05 PM
Toluene	ND	0.049		mg/Kg	1	2/3/2021 6:17:05 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/3/2021 6:17:05 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/3/2021 6:17:05 PM
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	2/3/2021 6:17:05 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	ND	61		mg/Kg	20	2/4/2021 1:15:40 PM

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

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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102062

05-Feb-21

Client: Pima Environmental Services LLC**Project:** TNT 6 FED Com 1

Sample ID: MB-57911	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 57911	RunNo: 75086								
Prep Date: 2/4/2021	Analysis Date: 2/4/2021	SeqNo: 2650452	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-57911	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 57911	RunNo: 75086								
Prep Date: 2/4/2021	Analysis Date: 2/4/2021	SeqNo: 2650453	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102062

05-Feb-21

Client: Pima Environmental Services LLC**Project:** TNT 6 FED Com 1

Sample ID: MB-57873	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 57873	RunNo: 75056								
Prep Date: 2/3/2021	Analysis Date: 2/4/2021	SeqNo: 2649463 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		114	70	130			

Sample ID: MB-57910	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 57910	RunNo: 75056								
Prep Date: 2/4/2021	Analysis Date: 2/4/2021	SeqNo: 2649464 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		105	70	130			

Sample ID: LCS-57873	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 57873	RunNo: 75056								
Prep Date: 2/3/2021	Analysis Date: 2/4/2021	SeqNo: 2649465 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	68.9	141			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: LCS-57910	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 57910	RunNo: 75056								
Prep Date: 2/4/2021	Analysis Date: 2/4/2021	SeqNo: 2649963 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		99.5	70	130			

Sample ID: 2102062-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S1	Batch ID: 57873	RunNo: 75056								
Prep Date: 2/3/2021	Analysis Date: 2/4/2021	SeqNo: 2650604 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.8	48.92	0	98.6	15	184			
Surr: DNOP	4.7		4.892		96.6	70	130			

Sample ID: 2102062-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S1	Batch ID: 57873	RunNo: 75056								
Prep Date: 2/3/2021	Analysis Date: 2/4/2021	SeqNo: 2650621 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.7	48.69	0	97.1	15	184	1.99	23.9	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2102062
05-Feb-21

Client: Pima Environmental Services LLC
Project: TNT 6 FED Com 1

Sample ID: 2102062-001AMSD		SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S1		Batch ID: 57873		RunNo: 75056						
Prep Date: 2/3/2021		Analysis Date: 2/4/2021		SeqNo: 2650621		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		4.869		94.2	70	130	0	0	

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of range due to dilution or matrix
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102062

05-Feb-21

Client: Pima Environmental Services LLC**Project:** TNT 6 FED Com 1

Sample ID: mb-57848	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 57848	RunNo: 75040								
Prep Date: 2/2/2021	Analysis Date: 2/3/2021	SeqNo: 2649109 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.7	75.3	105			

Sample ID: lcs-57848	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 57848	RunNo: 75040								
Prep Date: 2/2/2021	Analysis Date: 2/3/2021	SeqNo: 2649110 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	102	80	120			
Surr: BFB	1100		1000		108	75.3	105			S

Sample ID: 2102062-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S1	Batch ID: 57848	RunNo: 75040								
Prep Date: 2/2/2021	Analysis Date: 2/3/2021	SeqNo: 2649114 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.7	23.72	0	121	61.3	114			S
Surr: BFB	1200		948.8		122	75.3	105			S

Sample ID: 2102062-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S1	Batch ID: 57848	RunNo: 75040								
Prep Date: 2/2/2021	Analysis Date: 2/3/2021	SeqNo: 2649115 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.9	24.41	0	126	61.3	114	6.74	20	S
Surr: BFB	1200		976.6		119	75.3	105	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102062

05-Feb-21

Client: Pima Environmental Services LLC**Project:** TNT 6 FED Com 1

Sample ID: mb-57848	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 57848		RunNo: 75040							
Prep Date: 2/2/2021	Analysis Date: 2/3/2021		SeqNo: 2649157		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Sample ID: LCS-57848	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 57848		RunNo: 75040							
Prep Date: 2/2/2021	Analysis Date: 2/3/2021		SeqNo: 2649158		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.98	0.050	1.000	0	97.7	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

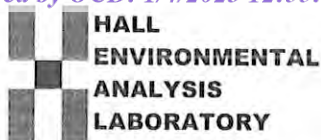
Sample ID: 2102062-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: S2	Batch ID: 57848		RunNo: 75040							
Prep Date: 2/2/2021	Analysis Date: 2/3/2021		SeqNo: 2649164		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9597	0	109	76.3	120			
Toluene	1.1	0.048	0.9597	0.01490	113	78.5	120			
Ethylbenzene	1.1	0.048	0.9597	0.01343	114	78.1	124			
Xylenes, Total	3.3	0.096	2.879	0.04735	114	79.3	125			
Surr: 4-Bromofluorobenzene	1.0		0.9597		105	80	120			

Sample ID: 2102062-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: S2	Batch ID: 57848		RunNo: 75040							
Prep Date: 2/2/2021	Analysis Date: 2/3/2021		SeqNo: 2649165		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9718	0	105	76.3	120	2.47	20	
Toluene	1.1	0.049	0.9718	0.01490	109	78.5	120	1.94	20	
Ethylbenzene	1.1	0.049	0.9718	0.01343	110	78.1	124	2.20	20	
Xylenes, Total	3.3	0.097	2.915	0.04735	110	79.3	125	2.06	20	
Surr: 4-Bromofluorobenzene	0.98		0.9718		101	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
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J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



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

Sample Log-In Check List

Client Name: Pima Environmental Services LLC

Work Order Number: 2102062

RcptNo: 1

Received By: Juan Rojas

2/2/2021 7:30:00 AM

[Signature]

Completed By: Cheyenne Cason

2/2/2021 7:50:40 AM

Reviewed By: *SGC* 2/2/21

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good				
2	2.0	Good				

Released to Imaging: 2/2/2023 9:42:39 AM

Turn-Around Time: ☒ Standard ☐ Rush *5 Day*

Project Name: TNT 6 FED Com 1

Project #:

Project Manager:
Chris Jones

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): $0.9 + 0.2 = 1.1$ ($^{\circ}\text{C}$)

Container Type and #	Preservative Type	1.840.2 Z.0 HEAL No. 2102062
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Container Type and #	Preservative Type
-------------------------	----------------------

Glass	Ice	(30)
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[illegible]

Remarks:

Bill to Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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 172448

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 172448
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/2/2023