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

October 6, 2020

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

Re: Site Assessment and Closure Report
Doc Holliday 32 State Com #1
API No. 30-015-41145
GPS: Latitude 32.1804123 Longitude -104.220192
UL "D", Sec. 32, T24S, R27E
Eddy County, NM
NMOCD Ref. No. 2RP-3765

Dear Mr. Bratcher,

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment, site remediation and has prepared this Closure Report for a produced water release that occurred at the Doc Holliday 32 State Com #1 (Doc). The initial C-141 was submitted on September 5, 2019 (Appendix C). This incident was assigned 2RP-5713, Incident ID NRM1933056018, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Doc is located approximately seventeen (17) miles south of Carlsbad, NM. This spill site is in Unit D, Section 32, Township 24S, Range 27E, Latitude 32.1804123, Longitude -104.220192, 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- Piedmont alluvial deposits (Holocene to lower Pleistocene)-includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Reeves-Reagan loams, 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 low potential for karst geology to be present in the area of the Doc (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is less than 50 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is less than 50 feet BGS. The closest waterway and is the Black River located approximately 1.97 miles to the west of this location. See Appendix A for the referenced Surface Water Map.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
50'	600 mg/kg	100 mg/kg	100 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

2RP-3765: On July 7, 2016, a nipple from the water tank was damaged, causing the threads on the nipple to break, releasing 7 barrels (bbls) of produced water released into the earthen bermed containment. Zero bbls were recovered, and the tank was taken out of service, and repairs were made.

Site Assessment and Soil Sampling Results

On August 4, 2020, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in the following data table.

8-4-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 8-4-20		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 N. Composite	0	ND	ND	ND	14	81	95	ND
S-2 E. Composite	0	ND	ND	ND	14	61	14	**3100**
S-3 S. Composite	0	ND	ND	ND	**8200**	**15000**	**23200**	410
S-4 W. Composite	0	ND	ND	ND	**36**	**140**	**176**	ND
BG-1	0	ND	ND	ND	ND	ND	ND	ND
BG-2	0	ND	ND	ND	ND	ND	ND	ND
BG-3	0	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Remediation Activities

On September 14, 2020, Pima mobilized personnel and equipment to conduct remedial activities around the engineered lined containment. The south, east and west sides around the containment was hand excavated to a depth of 0.5-foot below grade surface (BGS). The excavation extended 3-feet horizontally away from the containment wall. Sidewall and bottom confirmation samples were obtained, and the laboratory results can be found in the following data table.

9-14-20 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 9-14-20		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
Comp-1 W. Bottom	0.5	ND	ND	ND	12	ND	12	220
Comp-2 W. Sidewall	0.5	ND	ND	ND	18	ND	18	210
Comp-3 W. Bottom	0.5	ND	ND	ND	ND	ND	ND	ND
Comp-4 W. Sidewall	0.5	ND	ND	ND	ND	ND	ND	ND
Comp-5 S. Bottom	0.5	ND	ND	ND	520	970	1490	400
Comp-6 S. Sidewall	0.5	ND	ND	ND	15	ND	15	94
Comp-7 E. Bottom	0.5	ND	ND	ND	ND	ND	ND	150
Comp-8 E. Sidewall	0.5	ND	ND	ND	ND	ND	ND	67
Comp-9 E. Bottom	0.5	ND	ND	ND	ND	ND	ND	110
Comp-10 E. Sidewall	0.5	ND	ND	ND	ND	ND	ND	160

ND- Analyte Not Detected

Based on the results Pima returned to the site to continue the excavation from the south side. Another 0.5-foot BGS was excavated from the bottom of the excavation. Composite confirmation sample was again obtained to ensure the contamination was removed. The laboratory results can be found in the following data table.

9-25-20 Confirmation Soil Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 9-25-20		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
Comp-5 S. Bottom	1	--	--	ND	ND	ND	ND	--

-- Analyte Not Tested
ND- Analyte Not Detected

Complete Laboratory results can be found attached in Appendix D. The final sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no further remediation activities were needed at this location.

Closure Request

After careful review, Pima requests that this incident, NRM1933056018, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,

Chris Jones
Environmental Professional
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- TOPO Map
3- Karst Map
4- Site Map

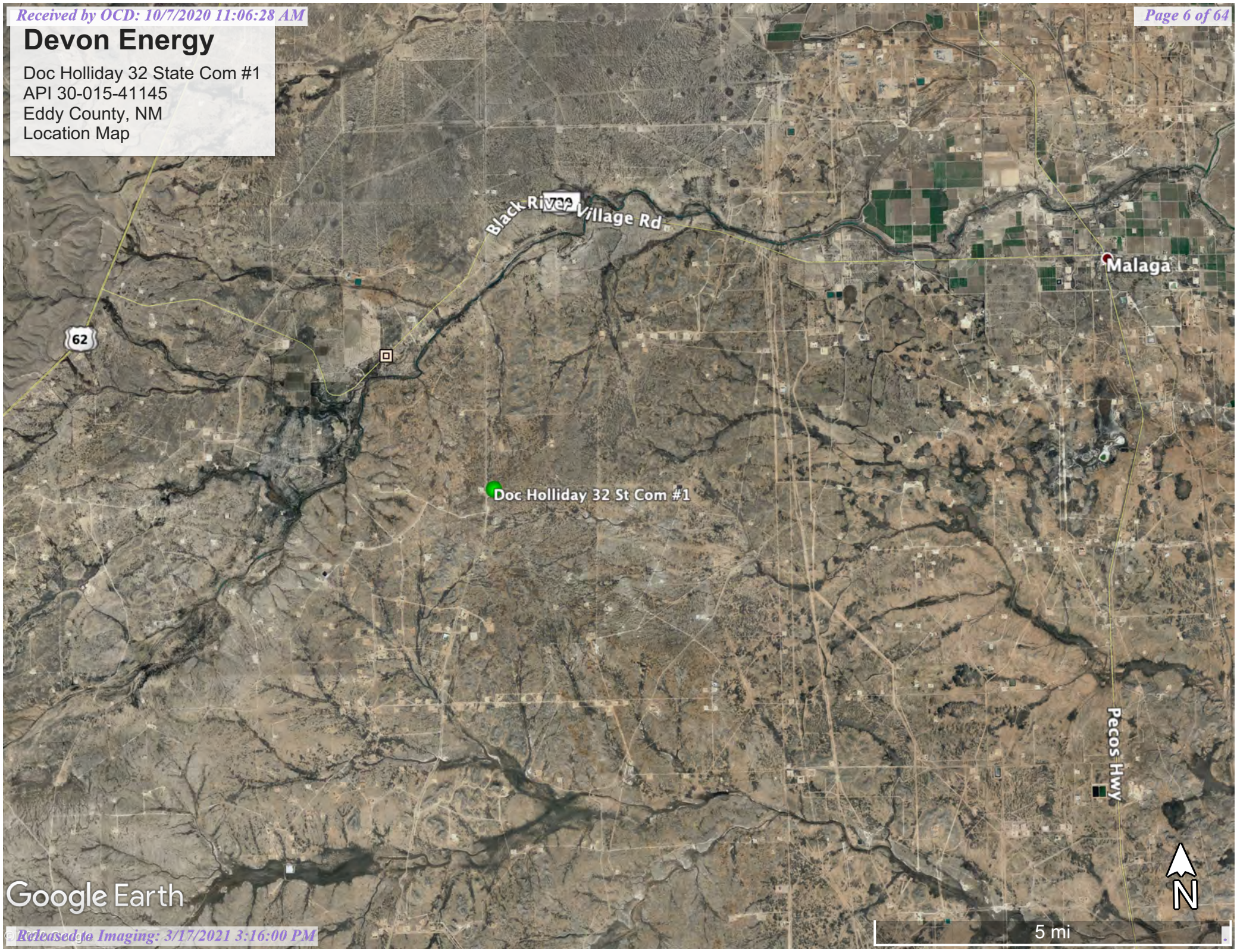
Appendices:
Appendix A- Referenced Water Surveys
Appendix B- Soil Survey and Geological Data
Appendix C- C-141's
Appendix D- Laboratory Reports

Pima Environmental Services

Figures:
1-Location Map
2- TOPO Map
3- Karst Map
4- Site Map

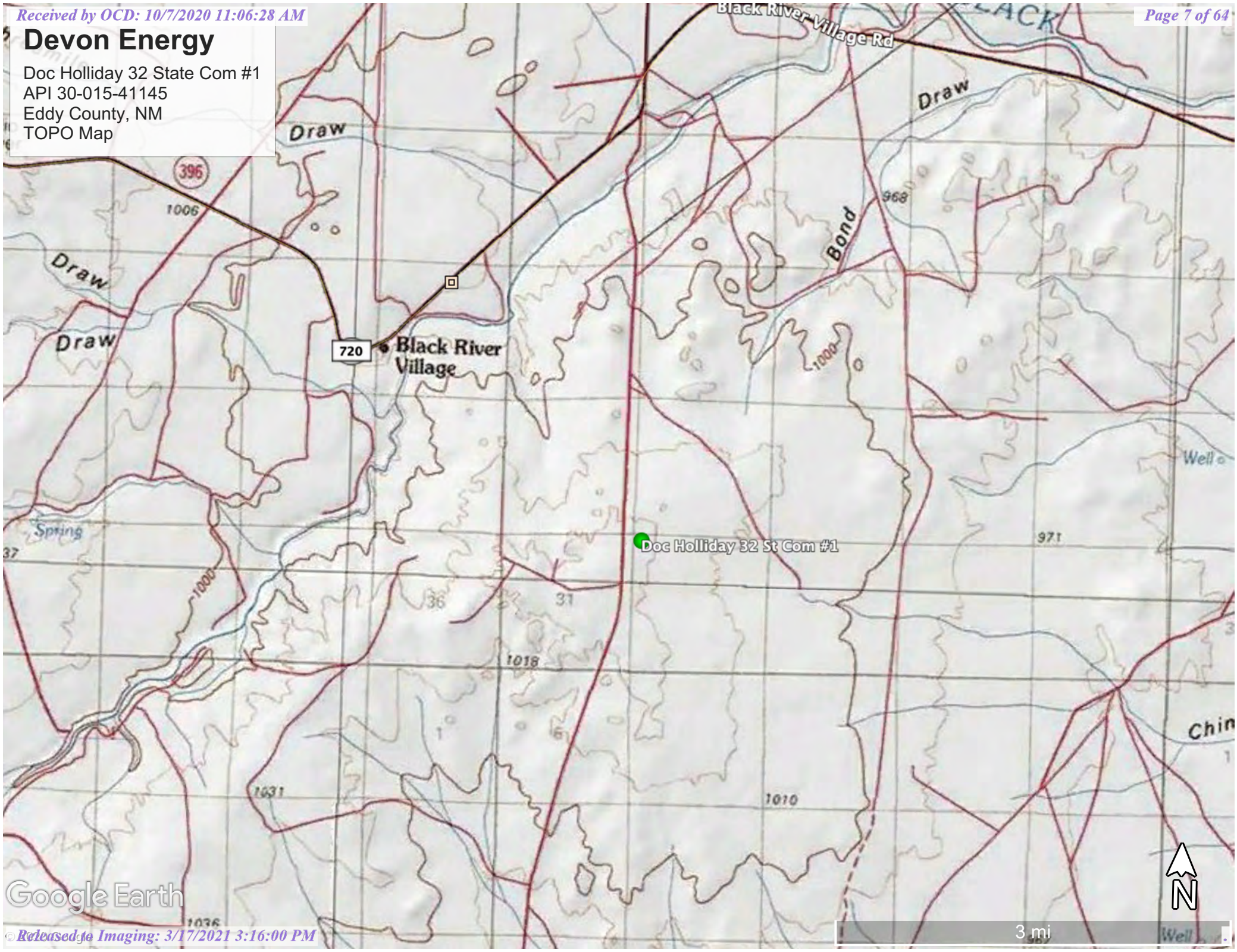
Devon Energy

Doc Holliday 32 State Com #1
API 30-015-41145
Eddy County, NM
Location Map



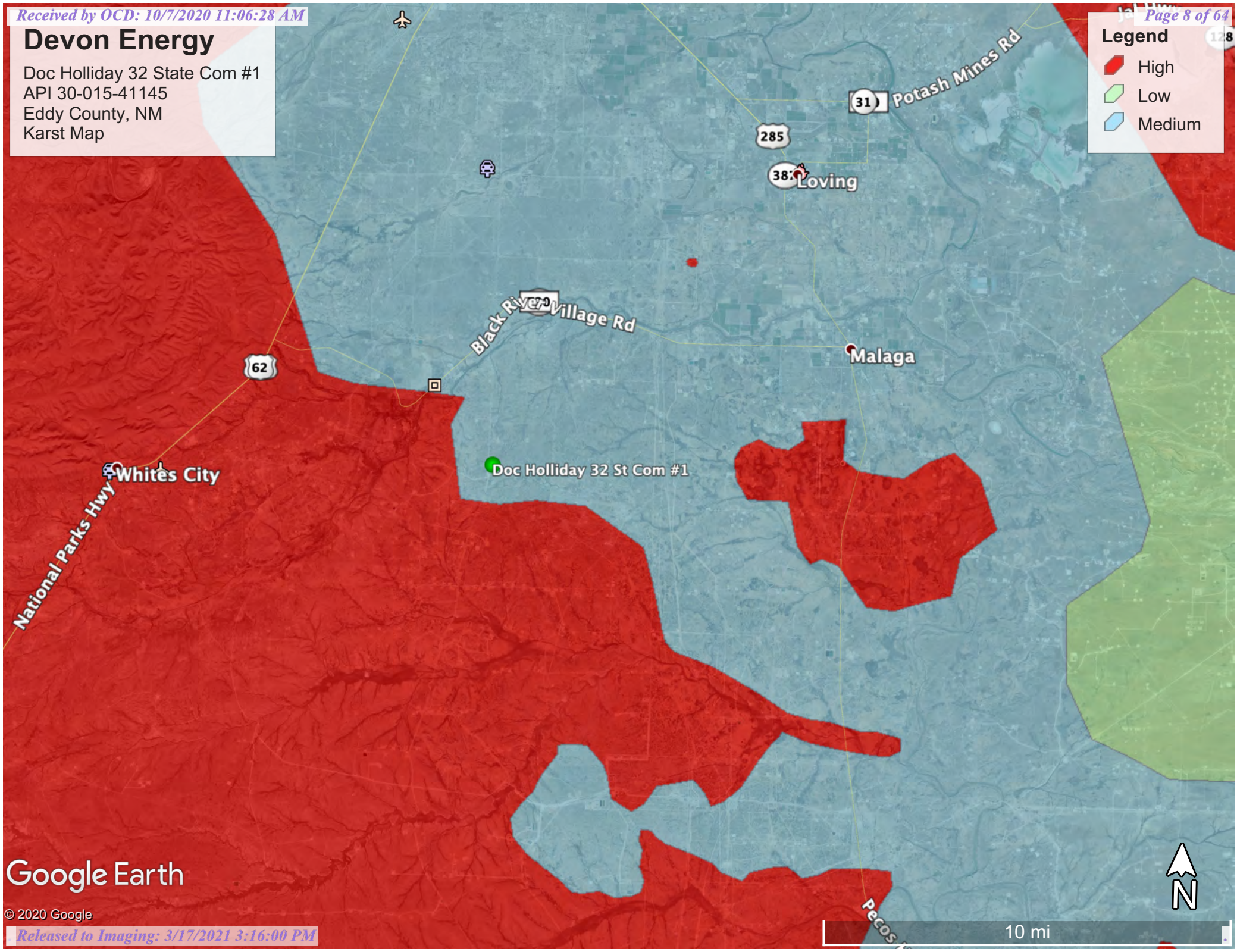
Devon Energy

Doc Holliday 32 State Com #1
API 30-015-41145
Eddy County, NM
TOPO Map



Devon Energy

Doc Holliday 32 State Com #1
API 30-015-41145
Eddy County, NM
Karst Map



Devon Energy

Doc Holliday 32 St Com #1
API 30-015-41145
Eddy County, NM
Site Map

Pima Environmental Services

Appendix A
Water Surveys:
OSE
USGS

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	Depth Well	Depth Water	Water Column
C 01841		C	ED			1	29	24S	27E	573806	3561953*	1277	150		
C 00819		C	ED		4	4	26	24S	26E	570022	3560935*	3511	62	42	20
C 00262 POD2		C	ED	4	3	1	24	24S	26E	570234	3562337	3674	45	18	27
C 03777 POD1		C	ED	3	1	2	24	24S	26E	571120	3563571	3741	55	28	27
C 04360 POD1		C	ED	3	3	3	18	24S	27E	571910	3564085	3745	72	40	32
C 03560 POD1		C	ED	2	3	3	18	24S	27E	572009	3564150	3763	68	28	40
C 01169		C	ED	1	4	3	18	24S	27E	572282	3564261*	3765	55	35	20
C 00929		C	ED		3	3	18	24S	27E	572013	3564159*	3769	54	33	21
C 00690		C	ED	1	3	3	24	24S	26E	570288	3562653*	3778	30	10	20
C 00262	R	C	ED	4	3	1	24	24S	26E	570481	3563253*	3969	50		

Average Depth to Water: **29 feet**

Minimum Depth: **10 feet**

Maximum Depth: **42 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 573526 **Northing (Y):** 3560706.528 **Radius:** 4000

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

8/6/20 10:52 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00690	1	3	3	24	24S	26E	570288	3562653*

Driller License: 30 **Driller Company:** BARRON, EMMETT

Driller Name: EMMETT BARRON

Drill Start Date: 03/23/1956 **Drill Finish Date:** 03/24/1956 **Plug Date:**

Log File Date: 04/18/1956 **PCW Rcv Date:** **Source:** Shallow

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

Casing Size: **Depth Well:** 30 feet **Depth Water:** 10 feet

Water Bearing Stratifications:	Top	Bottom	Description
	20	30	Other/Unknown

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

USGS science for a changing world

USGS Home
Contact USGS
Search USGS

National Water Information System: Mapper

Help Info

Sites Map

Search

Surface-Water Sites

Groundwater Sites

Active Sites
- Any data
- Instantaneous data
- Daily data
- Water-quality data
- Measurements
- Annual Report

Inactive Sites
- Any data
- Instantaneous data
- Daily data
- Water-quality data
- Measurements
- Annual Report

Springs

Atmospheric Sites

Other Sites

Site Information

Site Number: 321242104140301
Site Name: 24S.27E.18.33332
Site Type: Well
Agency: USGS
Access Data

River Village Rd
Black River Village Rd
180
285
0 0.5 1mi
-104.166, 32.193
Bureau of Land Management, Esri

Site Information

Click to hide News Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =
- 321242104140301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

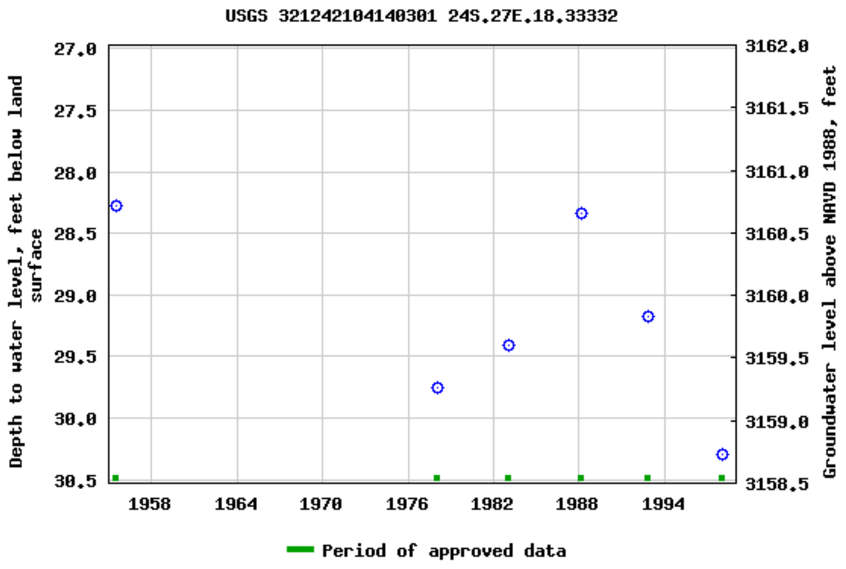
USGS 321242104140301 24S.27E.18.33332

Available data for this site: Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°12'42", Longitude 104°14'03" NAD27
Land-surface elevation 3,189 feet above NAVD88
The depth of the well is 35 feet below land surface.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



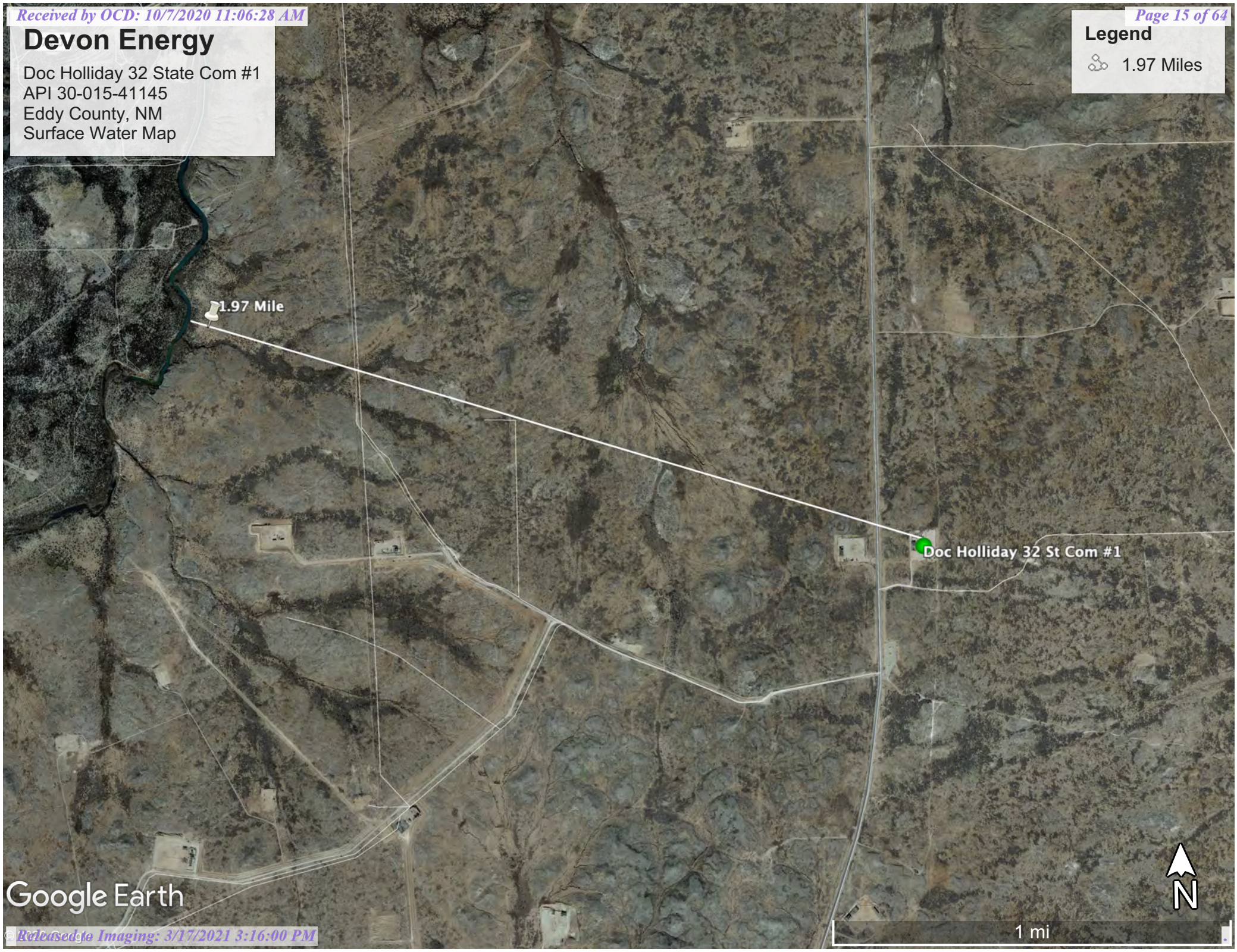
Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Devon Energy

Doc Holliday 32 State Com #1
API 30-015-41145
Eddy County, NM
Surface Water Map

Legend

1.97 Miles



Pima Environmental Services

Appendix B
Soil Survey & Geological Data:
USDA
FEMA

Eddy Area, New Mexico

RM—Reeves-Reagan loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5g
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 50 percent
Reagan and similar soils: 35 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: Low
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)

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 Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 30 inches: loam
H3 - 30 to 82 inches: clay loam

Properties and qualities

Slope: 0 to 3 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): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 15.0
Available water capacity: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent
Ecological site: R042XC006NM - Gyp Upland
Hydric soil rating: No

Upton

Percent of map unit: 5 percent
Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Gypsum land

Percent of map unit: 5 percent
Hydric soil rating: No

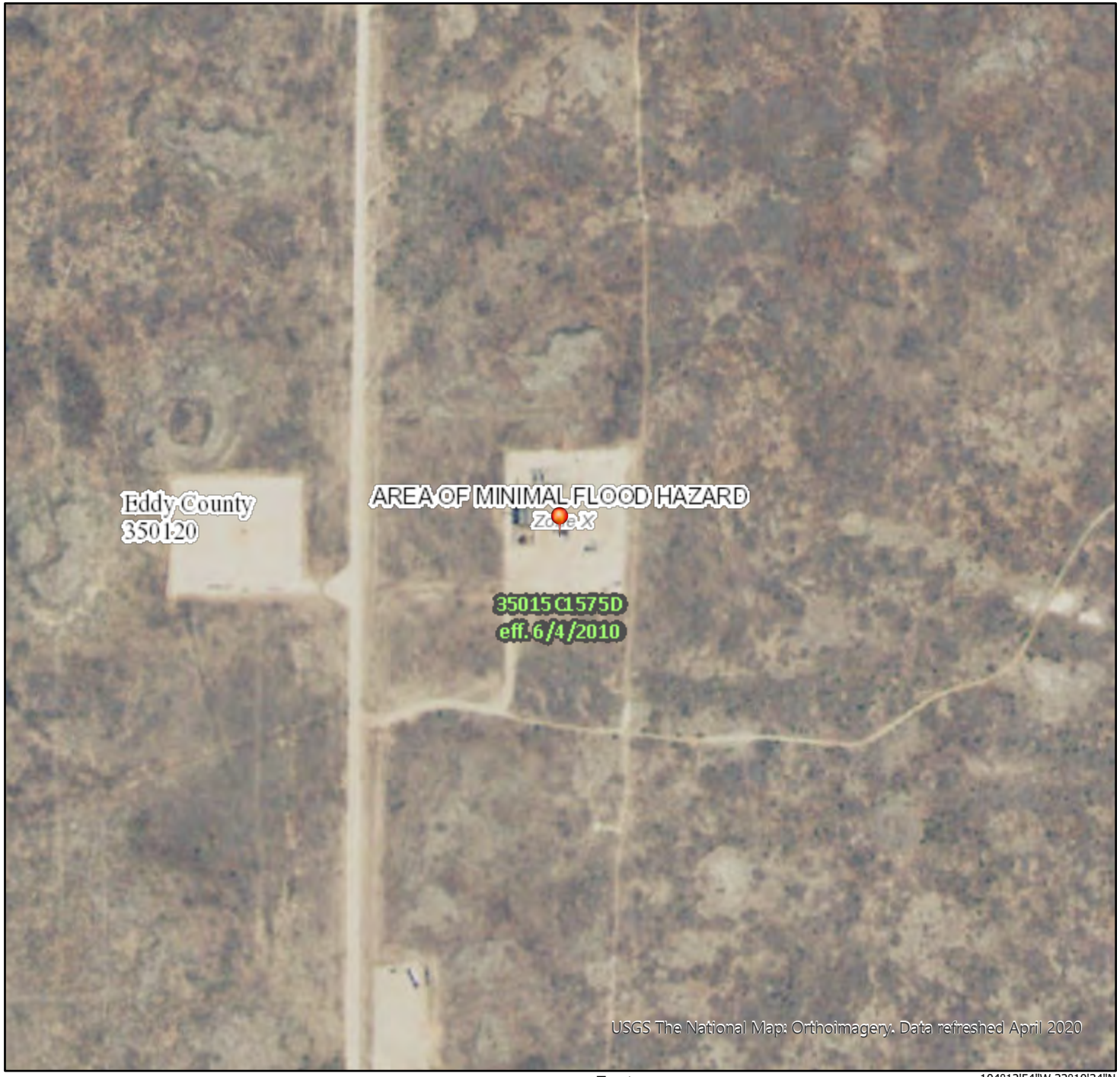
Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMette

FEMA

104°13'31"W 32°11'5"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°12'54"W 32°10'34"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 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/6/2020 at 12:27 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 Department

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

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

Incident ID	NRM1933056018
District RP	2RP-5713
Facility ID	
Application ID	pRM1933056086

Release Notification ED7K3-191023-C-1410

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

State of New Mexico
Oil Conservation Division

Incident ID	NRM1933056018
District RP	2RP-5713
Facility ID	
Application ID	pRM1933056086

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

Initial Response

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: Kendra DeHoyos Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Ramona Marcus Date: 11/26/2019

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?	10 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Incident ID	NRM1933056018
District RP	2RP-5713
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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 10/7/2020

email: tom.bynum@dvn.com Telephone: 575-748-2663

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NRM1933056018
District RP	2RP-5713
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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 10/7/2020

email: tom.bynum@dvn.com Telephone: 575-748-2663

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

Laboratory Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

August 14, 2020

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

RE: Doc Holliday 32 St Com 1 OrderNo.: 2008270

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 7 sample(s) on 8/6/2020 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1 N. Comp
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 2:35:00 PM
Lab ID: 2008270-001 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	14	9.1		mg/Kg	1	8/10/2020 11:47:08 PM
Motor Oil Range Organics (MRO)	81	45		mg/Kg	1	8/10/2020 11:47:08 PM
Surr: DNOP	102	30.4-154		%Rec	1	8/10/2020 11:47:08 PM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	ND	60		mg/Kg	20	8/12/2020 1:10:57 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/11/2020 2:58:18 AM
Toluene	ND	0.047		mg/Kg	1	8/11/2020 2:58:18 AM
Ethylbenzene	ND	0.047		mg/Kg	1	8/11/2020 2:58:18 AM
Xylenes, Total	ND	0.094		mg/Kg	1	8/11/2020 2:58:18 AM
Surr: 1,2-Dichloroethane-d4	91.0	70-130		%Rec	1	8/11/2020 2:58:18 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	8/11/2020 2:58:18 AM
Surr: Dibromofluoromethane	100	70-130		%Rec	1	8/11/2020 2:58:18 AM
Surr: Toluene-d8	95.6	70-130		%Rec	1	8/11/2020 2:58:18 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/11/2020 2:58:18 AM
Surr: BFB	103	70-130		%Rec	1	8/11/2020 2:58:18 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S2- E. Comp
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 2:40:00 PM
Lab ID: 2008270-002 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	14	9.2		mg/Kg	1	8/11/2020 12:11:19 AM
Motor Oil Range Organics (MRO)	61	46		mg/Kg	1	8/11/2020 12:11:19 AM
Surr: DNOP	98.0	30.4-154		%Rec	1	8/11/2020 12:11:19 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	3100	150		mg/Kg	50	8/13/2020 10:18:27 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.023		mg/Kg	1	8/11/2020 3:26:51 AM
Toluene	ND	0.047		mg/Kg	1	8/11/2020 3:26:51 AM
Ethylbenzene	ND	0.047		mg/Kg	1	8/11/2020 3:26:51 AM
Xylenes, Total	ND	0.094		mg/Kg	1	8/11/2020 3:26:51 AM
Surr: 1,2-Dichloroethane-d4	93.6	70-130		%Rec	1	8/11/2020 3:26:51 AM
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	8/11/2020 3:26:51 AM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	8/11/2020 3:26:51 AM
Surr: Toluene-d8	94.9	70-130		%Rec	1	8/11/2020 3:26:51 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/11/2020 3:26:51 AM
Surr: BFB	98.4	70-130		%Rec	1	8/11/2020 3:26:51 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S3-S. Comp
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 2:45:00 PM
Lab ID: 2008270-003 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	8200	490		mg/Kg	50	8/11/2020 12:35:50 AM
Motor Oil Range Organics (MRO)	15000	2400		mg/Kg	50	8/11/2020 12:35:50 AM
Surr: DNOP	0	30.4-154	S	%Rec	50	8/11/2020 12:35:50 AM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	410	60		mg/Kg	20	8/12/2020 1:35:39 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.023		mg/Kg	1	8/11/2020 3:55:23 AM
Toluene	ND	0.046		mg/Kg	1	8/11/2020 3:55:23 AM
Ethylbenzene	ND	0.046		mg/Kg	1	8/11/2020 3:55:23 AM
Xylenes, Total	ND	0.092		mg/Kg	1	8/11/2020 3:55:23 AM
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	1	8/11/2020 3:55:23 AM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	8/11/2020 3:55:23 AM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	8/11/2020 3:55:23 AM
Surr: Toluene-d8	97.6	70-130		%Rec	1	8/11/2020 3:55:23 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/11/2020 3:55:23 AM
Surr: BFB	103	70-130		%Rec	1	8/11/2020 3:55:23 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S4- W. Comp
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 2:50:00 PM
Lab ID: 2008270-004 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	36	9.2		mg/Kg	1	8/11/2020 1:00:07 AM
Motor Oil Range Organics (MRO)	140	46		mg/Kg	1	8/11/2020 1:00:07 AM
Surr: DNOP	101	30.4-154		%Rec	1	8/11/2020 1:00:07 AM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	ND	60		mg/Kg	20	8/12/2020 1:47:59 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/11/2020 4:23:52 AM
Toluene	ND	0.048		mg/Kg	1	8/11/2020 4:23:52 AM
Ethylbenzene	ND	0.048		mg/Kg	1	8/11/2020 4:23:52 AM
Xylenes, Total	ND	0.096		mg/Kg	1	8/11/2020 4:23:52 AM
Surr: 1,2-Dichloroethane-d4	93.9	70-130		%Rec	1	8/11/2020 4:23:52 AM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	8/11/2020 4:23:52 AM
Surr: Dibromofluoromethane	104	70-130		%Rec	1	8/11/2020 4:23:52 AM
Surr: Toluene-d8	96.4	70-130		%Rec	1	8/11/2020 4:23:52 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/11/2020 4:23:52 AM
Surr: BFB	102	70-130		%Rec	1	8/11/2020 4:23:52 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG1
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 2:55:00 PM
Lab ID: 2008270-005 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/11/2020 1:48:42 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/11/2020 1:48:42 AM
Surr: DNOP	97.2	30.4-154		%Rec	1	8/11/2020 1:48:42 AM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	ND	60		mg/Kg	20	8/12/2020 2:00:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	8/11/2020 4:52:21 AM
Toluene	ND	0.050		mg/Kg	1	8/11/2020 4:52:21 AM
Ethylbenzene	ND	0.050		mg/Kg	1	8/11/2020 4:52:21 AM
Xylenes, Total	ND	0.099		mg/Kg	1	8/11/2020 4:52:21 AM
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%Rec	1	8/11/2020 4:52:21 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	8/11/2020 4:52:21 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	8/11/2020 4:52:21 AM
Surr: Toluene-d8	94.2	70-130		%Rec	1	8/11/2020 4:52:21 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/11/2020 4:52:21 AM
Surr: BFB	102	70-130		%Rec	1	8/11/2020 4:52:21 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG2
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 3:00:00 PM
Lab ID: 2008270-006 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/11/2020 2:13:09 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/11/2020 2:13:09 AM
Surr: DNOP	90.8	30.4-154		%Rec	1	8/11/2020 2:13:09 AM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	ND	60		mg/Kg	20	8/12/2020 2:12:42 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/11/2020 5:21:07 AM
Toluene	ND	0.048		mg/Kg	1	8/11/2020 5:21:07 AM
Ethylbenzene	ND	0.048		mg/Kg	1	8/11/2020 5:21:07 AM
Xylenes, Total	ND	0.096		mg/Kg	1	8/11/2020 5:21:07 AM
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%Rec	1	8/11/2020 5:21:07 AM
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	8/11/2020 5:21:07 AM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	8/11/2020 5:21:07 AM
Surr: Toluene-d8	96.1	70-130		%Rec	1	8/11/2020 5:21:07 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/11/2020 5:21:07 AM
Surr: BFB	101	70-130		%Rec	1	8/11/2020 5:21:07 AM

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2008270**
Date Reported: **8/14/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG3
Project: Doc Holliday 32 St Com 1
Collection Date: 8/4/2020 3:05:00 PM
Lab ID: 2008270-007 **Matrix:** SOIL **Received Date:** 8/6/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/11/2020 2:37:26 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/11/2020 2:37:26 AM
Surr: DNOP	90.3	30.4-154		%Rec	1	8/11/2020 2:37:26 AM
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	ND	60		mg/Kg	20	8/12/2020 2:25:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	8/11/2020 5:49:43 AM
Toluene	ND	0.049		mg/Kg	1	8/11/2020 5:49:43 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/11/2020 5:49:43 AM
Xylenes, Total	ND	0.099		mg/Kg	1	8/11/2020 5:49:43 AM
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	8/11/2020 5:49:43 AM
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	8/11/2020 5:49:43 AM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	8/11/2020 5:49:43 AM
Surr: Toluene-d8	99.4	70-130		%Rec	1	8/11/2020 5:49:43 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/11/2020 5:49:43 AM
Surr: BFB	103	70-130		%Rec	1	8/11/2020 5:49:43 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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008270**

14-Aug-20

Client: Pima Environmental Services LLC

Project: Doc Holliday 32 St Com 1

Sample ID: **LCS-54363** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **54363** RunNo: **71037**

Prep Date: **8/12/2020** Analysis Date: **8/12/2020** SeqNo: **2475462** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Sample ID: **MB-54363** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **54363** RunNo: **71037**

Prep Date: **8/12/2020** Analysis Date: **8/12/2020** SeqNo: **2475463** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008270**
14-Aug-20

Client: Pima Environmental Services LLC
Project: Doc Holliday 32 St Com 1

Sample ID: **LCS-54255** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **54255** RunNo: **70976**
Prep Date: **8/7/2020** Analysis Date: **8/10/2020** SeqNo: **2472908** 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	96.3	70	130			
Surr: DNOP	5.0		5.000		100	30.4	154			

Sample ID: **MB-54255** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **54255** RunNo: **70976**
Prep Date: **8/7/2020** Analysis Date: **8/11/2020** SeqNo: **2472909** 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	5.7		10.00		56.6	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008270**
14-Aug-20

Client: Pima Environmental Services LLC
Project: Doc Holliday 32 St Com 1

Sample ID: **lcs-54252** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **54252** RunNo: **70994**
Prep Date: **8/6/2020** Analysis Date: **8/10/2020** SeqNo: **2473427** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	1.0	0.050	1.000	0	99.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.1	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		94.1	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		100	70	130			
Surr: Toluene-d8	0.48		0.5000		95.2	70	130			

Sample ID: **mb-54252** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **54252** RunNo: **70994**
Prep Date: **8/6/2020** Analysis Date: **8/10/2020** SeqNo: **2473428** 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		98.1	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.4	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.48		0.5000		96.5	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008270**
14-Aug-20

Client: Pima Environmental Services LLC
Project: Doc Holliday 32 St Com 1

Sample ID: **lcs-54252** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS** Batch ID: **54252** RunNo: **70994**
Prep Date: **8/6/2020** Analysis Date: **8/10/2020** SeqNo: **2473464** 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	88.3	70	130			
Surr: BFB	500		500.0		99.3	70	130			

Sample ID: **mb-54252** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS** Batch ID: **54252** RunNo: **70994**
Prep Date: **8/6/2020** Analysis Date: **8/10/2020** SeqNo: **2473465** 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	510		500.0		101	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Pima Environmental Services LLC | Work Order Number: 2008270 | RcptNo: 1

Received By: Juan Rojas 8/6/2020 8:00:00 AM

Completed By: Juan Rojas 8/6/2020 10:22:12 AM

Reviewed By: MG 08/06/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☑ NA ☐
5. Sample(s) in proper container(s)? Not Frozen — 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: SPA 8.6.20

Special Handling (if applicable)

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

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good				
2	2.1	Good				
3	-0.4	Good				

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner STE 500
Hobbs, NM 88240

Phone #: 575-631-6977

email or Fax#: chris@pimaoil.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day
☑ Standard ☐ Rush

Project Name: Doc Holliday 32 St com #1

Project #: 20867539

Project Manager: Chris Jones

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Remarks (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2006270	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	chloride
8/4/20	2:35	soil	S1-N.Comp	Glass	Ice	-001											
	2:40		S2-E.Comp			-002											
	2:45		S3-S.Comp			-003											
	2:50		S4-W.Comp			-004											
	2:55		BG1			-005											
	3:00		BG2			-006											
	3:05		BG3			-007											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					8/5/20	0830
8/5/20	1900			courier	8/16/20	8:00

Remarks: 3.3-0=3.3
2.1-0=2.1
-0.4-0=-0.4
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.

CARDINAL Laboratories

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

October 05, 2020

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: DOC HOLLIDAY 32 ST COM 1

Enclosed are the results of analyses for samples received by the laboratory on 09/30/20 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	09/30/2020	Sampling Date:	09/25/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	DOC HOLLIDAY 32 ST COM 1	Sampling Condition:	** (See Notes)
Project Number:	36	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: COMP - 5 S. BOTTOM (H002591-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	204	102	200	1.25	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	204	102	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					

Surrogate: 1-Chlorooctane	*89.6 %*	*44.3-144*
Surrogate: 1-Chlorooctadecane	*88.2 %*	*42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pima
Project Manager: CJones
Address: 1601 N. Turner Ste 500
City: Hobbs State: Zip:
Phone #: 631-6977 Fax #:
Project #: 36 Project Owner:
Project Name: Doc Holliday 32 St Com 1
Project Location: Eddy NM
Sampler Name: Cesar Morales

BILL TO
P.O. #: 20867539
Company: Devon
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		TPH Ext
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	
H002591-1	Comp 5 pt S. Bottom	C	1			/					/		9-25-20	1200	/

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

Relinquished By: Date: 9-30-20 Time: 1655 Received By: Tamara Oldaker
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C 19.0
Corrected Temp. °C
Sample Condition: Cool ☐ Yes ☑ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) TO

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113
Correction Factor None
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.1 06/04/20

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

September 24, 2020

Chris Jones

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

RE: Doc Holiday 32 St Com OrderNo.: 2009847

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 10 sample(s) on 9/16/2020 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-1W-Bottom
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:00:00 PM
Lab ID: 2009847-001 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	12	9.3		mg/Kg	1	9/17/2020 2:10:28 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/17/2020 2:10:28 PM
Surr: DNOP	84.3	30.4-154		%Rec	1	9/17/2020 2:10:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/17/2020 4:14:17 PM
Surr: BFB	94.7	75.3-105		%Rec	1	9/17/2020 4:14:17 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	9/17/2020 4:14:17 PM
Toluene	ND	0.046		mg/Kg	1	9/17/2020 4:14:17 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/17/2020 4:14:17 PM
Xylenes, Total	ND	0.093		mg/Kg	1	9/17/2020 4:14:17 PM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/17/2020 4:14:17 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	220	60		mg/Kg	20	9/21/2020 6:24:47 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-2W- Side
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:05:00 PM
Lab ID: 2009847-002 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	18	9.7		mg/Kg	1	9/17/2020 2:20:18 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/17/2020 2:20:18 PM
Surr: DNOP	141	30.4-154		%Rec	1	9/17/2020 2:20:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/17/2020 4:37:43 PM
Surr: BFB	97.2	75.3-105		%Rec	1	9/17/2020 4:37:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	9/17/2020 4:37:43 PM
Toluene	ND	0.048		mg/Kg	1	9/17/2020 4:37:43 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/17/2020 4:37:43 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/17/2020 4:37:43 PM
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	9/17/2020 4:37:43 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	210	60		mg/Kg	20	9/21/2020 6:37:11 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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-3W- Bottom
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:10:00 PM
Lab ID: 2009847-003 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/17/2020 2:30:08 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/17/2020 2:30:08 PM
Surr: DNOP	106	30.4-154		%Rec	1	9/17/2020 2:30:08 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/17/2020 5:01:09 PM
Surr: BFB	95.7	75.3-105		%Rec	1	9/17/2020 5:01:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	9/17/2020 5:01:09 PM
Toluene	ND	0.046		mg/Kg	1	9/17/2020 5:01:09 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/17/2020 5:01:09 PM
Xylenes, Total	ND	0.092		mg/Kg	1	9/17/2020 5:01:09 PM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	9/17/2020 5:01:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	9/21/2020 6:49:36 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-4W- Side
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:15:00 PM
Lab ID: 2009847-004 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/17/2020 2:39:57 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/17/2020 2:39:57 PM
Surr: DNOP	90.8	30.4-154		%Rec	1	9/17/2020 2:39:57 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/17/2020 5:24:43 PM
Surr: BFB	94.6	75.3-105		%Rec	1	9/17/2020 5:24:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	9/17/2020 5:24:43 PM
Toluene	ND	0.048		mg/Kg	1	9/17/2020 5:24:43 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/17/2020 5:24:43 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/17/2020 5:24:43 PM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/17/2020 5:24:43 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	9/21/2020 7:02:00 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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-5S- Bottom
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:20:00 PM
Lab ID: 2009847-005 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	520	88		mg/Kg	10	9/17/2020 2:39:48 PM
Motor Oil Range Organics (MRO)	970	440		mg/Kg	10	9/17/2020 2:39:48 PM
Surr: DNOP	0	30.4-154	S	%Rec	10	9/17/2020 2:39:48 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/17/2020 5:48:07 PM
Surr: BFB	91.2	75.3-105		%Rec	1	9/17/2020 5:48:07 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	9/17/2020 5:48:07 PM
Toluene	ND	0.047		mg/Kg	1	9/17/2020 5:48:07 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/17/2020 5:48:07 PM
Xylenes, Total	ND	0.093		mg/Kg	1	9/17/2020 5:48:07 PM
Surr: 4-Bromofluorobenzene	96.5	80-120		%Rec	1	9/17/2020 5:48:07 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	400	60		mg/Kg	20	9/21/2020 7:14:25 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-6S- Side
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:25:00 PM
Lab ID: 2009847-006 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	15	8.9		mg/Kg	1	9/17/2020 2:49:45 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/17/2020 2:49:45 PM
Surr: DNOP	124	30.4-154		%Rec	1	9/17/2020 2:49:45 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/17/2020 10:29:48 PM
Surr: BFB	93.9	75.3-105		%Rec	1	9/17/2020 10:29:48 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	9/17/2020 10:29:48 PM
Toluene	ND	0.047		mg/Kg	1	9/17/2020 10:29:48 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/17/2020 10:29:48 PM
Xylenes, Total	ND	0.094		mg/Kg	1	9/17/2020 10:29:48 PM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	9/17/2020 10:29:48 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	94	60		mg/Kg	20	9/21/2020 7:51:39 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-7E- Bottom
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:30:00 PM
Lab ID: 2009847-007 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/17/2020 2:59:31 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/17/2020 2:59:31 PM
Surr: DNOP	117	30.4-154		%Rec	1	9/17/2020 2:59:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/17/2020 10:53:11 PM
Surr: BFB	94.4	75.3-105		%Rec	1	9/17/2020 10:53:11 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	9/17/2020 10:53:11 PM
Toluene	ND	0.048		mg/Kg	1	9/17/2020 10:53:11 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/17/2020 10:53:11 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/17/2020 10:53:11 PM
Surr: 4-Bromofluorobenzene	99.9	80-120		%Rec	1	9/17/2020 10:53:11 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	150	60		mg/Kg	20	9/21/2020 8:04:04 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-8E- Side
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:35:00 PM
Lab ID: 2009847-008 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/17/2020 3:09:17 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/17/2020 3:09:17 PM
Surr: DNOP	125	30.4-154		%Rec	1	9/17/2020 3:09:17 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/17/2020 11:16:32 PM
Surr: BFB	96.1	75.3-105		%Rec	1	9/17/2020 11:16:32 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	9/17/2020 11:16:32 PM
Toluene	ND	0.047		mg/Kg	1	9/17/2020 11:16:32 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/17/2020 11:16:32 PM
Xylenes, Total	ND	0.094		mg/Kg	1	9/17/2020 11:16:32 PM
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	9/17/2020 11:16:32 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	67	60		mg/Kg	20	9/21/2020 8:16:29 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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-9E- Bottom
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:40:00 PM
Lab ID: 2009847-009 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/17/2020 3:19:02 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/17/2020 3:19:02 PM
Surr: DNOP	130	30.4-154		%Rec	1	9/17/2020 3:19:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/17/2020 11:39:55 PM
Surr: BFB	94.2	75.3-105		%Rec	1	9/17/2020 11:39:55 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	9/17/2020 11:39:55 PM
Toluene	ND	0.049		mg/Kg	1	9/17/2020 11:39:55 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/17/2020 11:39:55 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/17/2020 11:39:55 PM
Surr: 4-Bromofluorobenzene	99.3	80-120		%Rec	1	9/17/2020 11:39:55 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	110	60		mg/Kg	20	9/22/2020 8:07:19 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2009847**
Date Reported: **9/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: C-10E- Side
Project: Doc Holiday 32 St Com
Collection Date: 9/14/2020 2:45:00 PM
Lab ID: 2009847-010 **Matrix:** SOIL
Received Date: 9/16/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	9/17/2020 3:28:47 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/17/2020 3:28:47 PM
Surr: DNOP	136	30.4-154		%Rec	1	9/17/2020 3:28:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/18/2020 12:03:24 AM
Surr: BFB	95.4	75.3-105		%Rec	1	9/18/2020 12:03:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	9/18/2020 12:03:24 AM
Toluene	ND	0.047		mg/Kg	1	9/18/2020 12:03:24 AM
Ethylbenzene	ND	0.047		mg/Kg	1	9/18/2020 12:03:24 AM
Xylenes, Total	ND	0.094		mg/Kg	1	9/18/2020 12:03:24 AM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/18/2020 12:03:24 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	160	60		mg/Kg	20	9/22/2020 8:44:20 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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009847**

24-Sep-20

Client: Pima Environmental Services LLC

Project: Doc Holiday 32 St Com

Sample ID: **MB-55323**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **55323**	RunNo: **72032**							
Prep Date: **9/21/2020**	Analysis Date: **9/21/2020**	SeqNo: **2522893**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-55323**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **55323**	RunNo: **72032**							
Prep Date: **9/21/2020**	Analysis Date: **9/21/2020**	SeqNo: **2522895**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.1	90	110			

Sample ID: **MB-55332**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **55332**	RunNo: **72068**							
Prep Date: **9/21/2020**	Analysis Date: **9/22/2020**	SeqNo: **2524873**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-55332**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **55332**	RunNo: **72068**							
Prep Date: **9/21/2020**	Analysis Date: **9/22/2020**	SeqNo: **2524874**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.6	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009847**

24-Sep-20

Client: Pima Environmental Services LLC

Project: Doc Holiday 32 St Com

Sample ID: **LCS-55215** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **55215** RunNo: **71946**

Prep Date: **9/16/2020** Analysis Date: **9/17/2020** SeqNo: **2518082** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	10	50.00	0	122	70	130			
Surr: DNOP	6.8		5.000		137	30.4	154			

Sample ID: **MB-55215** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **55215** RunNo: **71946**

Prep Date: **9/16/2020** Analysis Date: **9/17/2020** SeqNo: **2518085** 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	14		10.00		142	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009847**

24-Sep-20

Client: Pima Environmental Services LLC

Project: Doc Holiday 32 St Com

Sample ID: **lcs-55212**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **55212**	RunNo: **71929**							
Prep Date: **9/16/2020**	Analysis Date: **9/17/2020**	SeqNo: **2518398**	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	98.4	72.5	106			
Surr: BFB	1100		1000		106	75.3	105			S

Sample ID: **mb-55212**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **55212**	RunNo: **71929**							
Prep Date: **9/16/2020**	Analysis Date: **9/17/2020**	SeqNo: **2518400**	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	920		1000		91.7	75.3	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009847**

24-Sep-20

Client: Pima Environmental Services LLC

Project: Doc Holiday 32 St Com

Sample ID: **LCS-55212** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **55212** RunNo: **71929**

Prep Date: **9/16/2020** Analysis Date: **9/17/2020** SeqNo: **2518442** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.4	80	120			
Toluene	0.96	0.050	1.000	0	96.0	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: **mb-55212** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **55212** RunNo: **71929**

Prep Date: **9/16/2020** Analysis Date: **9/17/2020** SeqNo: **2518444** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Pima Environmental Services LLC | Work Order Number: 2009847 | RcptNo: 1

Received By: **Cheyenne Cason** 9/16/2020 8:00:00 AM

Completed By: **Juan Rojas** 9/16/2020 9:01:37 AM

Reviewed By: JR 9/16/20

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: 9/16/20

Special Handling (if applicable)

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

Person Notified: _____ Date _____

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

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				
2	4.2	Good				

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner
Hobbs, NM 88240

Phone #: 575-631-6977

email or Fax#: chris@Pimaoil.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5day
☑ Standard ☐ Rush

Project Name: Doc Holiday 32 St com1

Project #: 208 67722

Project Manager: Chris Jones

Sampler: Robert Carper

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): See Remarks (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2009647	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
9/14/20	2:00	Soil	C-1W-Bottom	Glass	Ice	-001	X	X									X
	2:05		C-2W-Side			-002											
	2:10		C-3W-Bottom			-003											
	2:15		C-4W-Bottom side per Robert Carper			-004											
	2:20		C-5S-Bottom			-005											
	2:25		C-6S-Side			-006											
	2:30		C-7E-Bottom			-007											
	2:35		C-8E-Side			-008											
	2:40		C-9E-Bottom			-009											
	2:45		C-10E-Side			-010											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9/15/20	1100				9/15/20	1100
9/15/20	1900			courier	9/16/20	0800

Remarks:
2.8 ± 0 = 2.8
1.4 ± 0 = 1.4
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.

State of New Mexico
Oil Conservation Division

Incident ID	NRM1933056018
District RP	2RP-5713
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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 10/7/2020

email: tom.bynum@dvn.com Telephone: 575-748-2663

OCD Only

Received by: Robert Hamlet Date: 3/17/2021

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

Closure Approved by: Robert Hamlet Date: 3/17/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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 10559

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
PIMA ENVIRONMENTAL SERVICES, L 1601 N. Turner Suite 500 Hobbs, NM88240	329999	10559	C-141

OCD Reviewer	Condition
rhamlet	We have received your closure report and final C-141 for Incident #NRM1933056018 DOC HOLLIDAY 32 STATE COM #001, thank you. This closure is approved.