

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised April 3, 2017  
MAY 29 2018  
Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.  
DISTRICT II-ARTESIA O.C.D.

## Release Notification and Corrective Action

**NAB1816327517** **OPERATOR** ☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company <b>6137</b>	Contact Merle Lewis, Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88210	Telephone No. 575-748-3371
Facility Name Tomb Raider 1 12 Federal 62H	Facility Type Oil
Surface Owner Federal	Mineral Owner Federal
API No. 30-015-43889	

## LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	1	23S	31E					Eddy

Latitude\_32.340183\_ Longitude\_103.735711\_ NAD83

## NATURE OF RELEASE

Type of Release Oil & Natural Gas	Volume of Release 7.73bbbls oil & 152 MCF	Volume Recovered 1bbbls oil
Source of Release Flowline	Date and Hour of Occurrence May 15, 2018 @ 9:15 AM MST	Date and Hour of Discovery May 15, 2018 @ 9:15 AM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD-Mike Bratcher & Crystal Weaver BLM-Shelly Tucker	
By Whom? Mike Shoemaker, EHS Professional	Date and Hour May 16, 2018 @ 6:57 AM MST	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* A contractor was taking samples at the Tomb Raider 62H well head and their operator opened the sample point on the flowline and removed the 1" bull plug causing the release. The compressor was turned off and the 1" ball valve was closed to stop the release.		
Describe Area Affected and Cleanup Action Taken.* Approximately 7.73bbbl oil & 152 MCF of gas were released. A vacuum truck was dispatched and recovered approximately 1bbbls oil from location. An Environmental contractor will be contacted to assist with further delineation and remediation efforts.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: <i>Sheila Fisher</i>	OIL CONSERVATION DIVISION Signed By <i>Mike Bratcher</i> Approved by Environmental Specialist:	
Printed Name: Sheila Fisher		
Title: Field Admin Support	Approval Date: <i>6/7/18</i>	Expiration Date: <i>N/A</i>
E-mail Address: Sheila.Fisher@dv.com	Conditions of Approval: <i>See Attached</i>	
Date: 5/17/18	Attached <input type="checkbox"/> <i>2RP-4793</i>	
Phone: 575.748.1829		

\* Attach Additional Sheets If Necessary

**6/7/18AB**



Operator/Responsible Party,

The OCD has received the form C-141 you provided on 5/29/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 20P-4793 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

*The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]*

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 6/29/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted



for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

**Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.**

**Jim Griswold**  
OCD Environmental Bureau Chief  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
505-476-3465  
jim.griswold@state.nm.us



**Tomb Raider 1-12 Fed 62H**  
7.73bbls oil & 152 MCF\_5.15.18

**devon**

This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
Prepared by: Sheila Fisher  
Map is current as of: 17-May-2018

Miles  
0 0.02 0.04 0.07 1:3,557

N









**Bratcher, Mike, EMNRD**

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**From:** Fisher, Sheila <Sheila.Fisher@dvn.com>  
**Sent:** Tuesday, May 29, 2018 4:27 PM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov)  
**Cc:** Shoemaker, Mike; Fulks, Brett; Lewis, Merle; West, Christopher; Coombes, Justin  
**Subject:** Tomb Raider 1-12 Fed 62H\_7.73bbbs oil & 152MCF release\_5.15.18  
**Attachments:** Tomb Raider 1-12 Fed 62H\_7.73bbbs oil & 152MCF release\_Initial C-141\_5.15.18.doc;  
Tomb Raider 1-12 Fed 62H\_7.73bbbs oil & 152MCF release\_GIS Image\_5.15.18.pdf

Good Afternoon,

Attached please find the Initial C-141 and GIS Image for the 7.73bbbs oil & 152MCF release at the Tomb Raider 1-12 Fed 62H on 5.15.18.

If you have any questions please feel free to contact us.

Thank you,

*Sheila Fisher*  
Field Admin Support  
Production  
B-Schedule

**Devon Energy Corporation**  
PO Box 250  
Artesia, NM 88211  
575 748 1829 Direct



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**Bratcher, Mike, EMNRD**

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**From:** Shoemaker, Mike <Mike.Shoemaker@dvn.com>  
**Sent:** Wednesday, May 16, 2018 6:57 AM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker (stucker@blm.gov)  
**Subject:** Tomb Raider 1-12 Fed 62H (API #30-015-43889)

Good Morning,

Devon identified the following release at approximately 9:15 AM MST on 05/15/18.

1. Tomb Raider 1-12 Fed 62H (API #30-015-43889)
  - a. A contractor was taking samples this morning at the Tomb Raider 62H well head and their operator opened the sample point on the flowline and removed the 1" bull plug. Not realizing the valve was still open the pressure from the flowline started to vent to the atmosphere releasing approximately 152.4 mcf of gas and approximately 7.73 bbls of mixed fluid was released onto the location. Approximately 1 bbl was recovered.

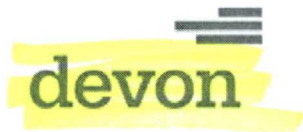
The impacted area will be mapped to establish the horizontal extent of the impact. The impacted area will then be scrapped off and sampled in accordance with NMOCD Guidelines for Remediation of Leaks, Spills, and Releases and further remediation will be based on these sample results.

A C-141 will be prepared and submitted with GPS coordinates of the area affected.

Thanks,

Mike Shoemaker  
EHS Representative

**Devon Energy Corporation**  
6488 Seven Rivers Highway  
Artesia, New Mexico 88210  
575-746-5566 Office  
575-513-5035 Mobile



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Devon Energy Production Company, LP  
6488 Seven Rivers Hwy  
Artesia, NM 88210  
575-748-0167

May 24, 2023

Bureau of Land Management  
620 East Green St  
Carlsbad, NM, 88220

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

**Re: Site Characterization, Assessment, and Closure Report  
Tomb Raider 1 12 Federal #062H  
API No. 30-015-43889  
GPS: Latitude 32.340183 Longitude -103.735711  
ULSTR – "C" – 01 – 23S – 31E Lot: 3 200 FNL 1360 FWL  
Eddy County, NM – NMOCD Incident ID nAB1816327517**

This release was discovered by the operator on May 15, 2018. The initial Notification of Release and C-141 were submitted on May 16, and May 29, 2018. This incident was assigned Incident ID nAB1816327517 by the New Mexico Oil Conservation Division (NMOCD).

#### **Release Information**

**nAB1816327517:** A contractor was taking samples at the Tomb Raider 62H well head and their operator opened the sample point on the flowline and removed the 1" bull plug causing the release. The compressor was turned off and the 1" ball valve was closed to stop the release. Approximately 7.73bbl oil & 152 MCF of gas were released. A vacuum truck was dispatched and recovered approximately 1 bbl oil from location. An Environmental contractor will be contacted to assist with further delineation and remediation efforts.

#### **Site Information and Site Characterization**

The Tomb Raider 1 12 Federal 62H (Tomb Raider) is located approximately twenty-one (21) miles east of Loving, NM. The release area around the wellhead is in Unit C, Section 1, Township 23S, Range 31E, Latitude 32.340183 Longitude -103.735711, Eddy County, NM. A Location Map can be found in Figure 2.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of eolian and piedmont deposits; Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Kermit-Berino fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is: Excessively drained (Appendix B). A Topographic Map can be found in Figure 3. The nearest surface water feature is a salt pond located approximately 11.3 miles to the west of this site. There is a low potential for karst geology to be present around the Tomb Raider (Figure 4).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 51 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 493 feet BGS. The groundwater information from OSE C-04726 POD1 is approximately 0.35 miles away from this site and logged in April of 2023. Depth to groundwater at the Tomb Raider will be classified as 51-100' (BGS). Reference water surveys and water-related maps can be found in Appendix A.

#### **Site Assessment and Soil Sampling Results**

On July 11, 2023, Pima mobilized personnel to the site to collect soil samples from release area for the purpose of delineating the release. The laboratory results of this sampling event showed the contamination levels of the release area to be under the regulatory limits of Table 1 19.15.29 NMAC.



On May 8, 2024, Devon requested Pima personnel to reassess this site due to almost a year of inactivity. Pima personnel mobilized to the site to collect another, more extensive round of delineation samples. The laboratory results of this sampling event also showed the contamination levels of the release area to be under the regulatory limits of Table 1 19.15.29 NMAC.

On May 9, 2024, Pima personnel returned to the site to collect confirmation samples from the surface of the release area. Complete vertical and horizontal delineation has been achieved with the previous sampling events. Although this sampling event showed higher levels of contamination, the results were again under the regulatory limits for closure criteria per Table 1 19.15.29 NMAC.

A 48-hour sampling notification was submitted and approved on May 13, 2024. This notification can be found in OCD Permitting: Action ID [343642]. A copy of this notification can be found in Appendix C.

All laboratory results with corresponding site/sample maps can be found in Figure 1.

Complete laboratory reports can be found in Appendix E.

### **Closure Request**

On behalf of Devon, Pima requests that this incident, NAB1816327517, 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:

Devon Energy – Dale Woodall – [dale.woodall@devon.com](mailto:dale.woodall@devon.com) – 575-748-1838  
Pima Environmental – Tom Bynum – [tom@pimaoil.com](mailto:tom@pimaoil.com) – 580-748-1613

### **Attachments**

Figures:

- 1- Lab Results & Corresponding Maps
- 2- Location Map
- 3- Topographic Map
- 4- Karst Map

Appendices:

- Appendix A – Referenced Water Surveys & Water-Related Maps
- Appendix B – Soil Survey, Geological Data, & Soil Map
- Appendix C – 48-Hour Notification & NMOCD Correspondence
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports





Pima Environmental Services

**Figures:**

Lab Results & Corresponding Maps

Locaton Map

Topographic Map

Karst Map



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY -TOMB RAIDER 1 12 FEDERAL #062H								
Date: 7/11/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	291
	3'	ND	ND	ND	ND	ND	0	134
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	214
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	151
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	152
	3'	ND	ND	ND	ND	ND	0	134
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	123
	3'	ND	ND	ND	ND	ND	0	133
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	143
	3'	ND	ND	ND	ND	ND	0	76.7
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND
SW 7	6"	ND	ND	ND	ND	ND	0	ND



# Tomb Raider 1 12 Federal 62H

Devon Energy  
API #30-015-43889  
Eddy County, NNM  
nAB1816327517  
Site Map

## Legend

- Base samples
- Release area - 9,040 sqft
- Sidewall samples

32.340360, -103.736044

Tomb Raider 1 12 Federal #62H



Google Earth





NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TOMB RAIDER 1 12 FEDERAL 62H - nAB1816327517								
Date: 5-8-24		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
S1	1'	ND	ND	ND	ND	ND	0	55.3
	2'	ND	ND	ND	ND	ND	0	34.4
	3'	ND	ND	ND	ND	ND	0	42.8
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	49.5
	2'	ND	ND	ND	ND	ND	0	48.3
	3'	ND	ND	ND	ND	ND	0	71
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	34
	2'	ND	ND	ND	ND	ND	0	87.6
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	61.7
	6'	ND	ND	ND	ND	ND	0	39.9
S4	1'	ND	ND	ND	ND	ND	0	47.2
	2'	ND	ND	ND	ND	ND	0	43.5
	3'	ND	ND	ND	ND	ND	0	33.2
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	27.3
	2'	ND	ND	ND	ND	ND	0	129
	3'	ND	ND	ND	ND	ND	0	26.1
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	25
	2'	ND	ND	ND	ND	ND	0	114
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S7	1'	ND	ND	ND	ND	ND	0	29.3
	2'	ND	ND	ND	ND	ND	0	86.6
	3'	ND	ND	ND	ND	ND	0	ND



S7	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S8	1'	ND	ND	ND	ND	ND	0	24.1
	2'	ND	ND	ND	ND	ND	0	119
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S9	1'	ND	ND	ND	ND	ND	0	51.3
	2'	ND	ND	ND	ND	ND	0	42.6
	3'	ND	ND	ND	ND	ND	0	39.3
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S10	1'	ND	ND	ND	ND	ND	0	150
	2'	ND	ND	ND	ND	ND	0	52.5
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S11	1'	ND	ND	ND	ND	ND	0	78
	2'	ND	ND	ND	ND	ND	0	57.5
	3'	ND	ND	ND	ND	ND	0	45.2
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S12	1'	ND	ND	ND	ND	ND	0	167
	2'	ND	ND	ND	ND	ND	0	294
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
SW1	0-4'	ND	ND	ND	ND	ND	0	ND
SW2	0-4'	ND	ND	ND	ND	ND	0	ND
SW3	0-4'	ND	ND	ND	ND	ND	0	ND
SW4	0-4'	ND	ND	ND	ND	ND	0	ND
SW5	0-4'	ND	ND	ND	ND	ND	0	ND
SW6	0-4'	ND	ND	ND	ND	ND	0	ND
SW7	0-4'	ND	ND	ND	ND	ND	0	ND
SW8	0-4'	ND	ND	ND	ND	ND	0	ND
SW9	0-4'	ND	ND	ND	ND	ND	0	ND
SW10	0-4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND



# Tomb Raider 1 12 Federal 62H

Devon Energy  
API #30-015-43889  
Eddy County, NNM  
nAB1816327517  
Site Map

## Legend

- Background sample
- Horizontal delineation samples
- Release area - 9,040 sqft
- Vertical delineation samples

32.340360, -103.736044

SW1

SW2

CS1

CS2

CSW3

SW10

CS4

CS3

CS7

Tomb Raider 1 12 Federal #62H

SW9

CS6

CS8

CSW4

SW8

CS10

CS9

CSW5

CS11

CS12

SW7

SW6

CG1

Google Earth



100 ft



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TOMB RAIDER 1 12 FEDERAL 62H - nAB1816327517								
Date: 5-9-24		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	CI mg/kg
CS1	Surface	ND	ND	ND	114	140	254	29.4
CS2	Surface	ND	ND	ND	115	123	238	32.2
CS3	Surface	ND	ND	ND	40.4	ND	40.4	33.9
CS4	Surface	ND	ND	ND	199	119	318	34.6
CS5	Surface	ND	ND	ND	105	ND	105	45.1
CS6	Surface	ND	ND	ND	111	63.4	174.4	36.6
CS7	Surface	ND	ND	ND	96.6	93.7	190.3	27.3
CS8	Surface	ND	ND	ND	203	105	308	35.1
CS9	Surface	ND	ND	ND	98.9	ND	98.9	51
CS10	Surface	ND	ND	ND	33.8	ND	33.8	79.4
CS11	Surface	ND	ND	ND	51.7	ND	51.7	32.2
CS12	Surface	ND	ND	ND	ND	ND	0	22.9
CS13	Surface	ND	ND	ND	118	66	184	40.5
CS14	Surface	ND	ND	ND	48.1	ND	48.1	32
CS15	Surface	ND	ND	ND	72.8	ND	72.8	70
CS16	Surface	ND	ND	ND	172	83.7	255.7	40.7
CS17	Surface	ND	ND	ND	136	63.2	199.2	44.7
CS18	Surface	ND	ND	ND	73.4	ND	73.4	34.7
CS19	Surface	ND	ND	ND	101	ND	101	46.6
CS20	Surface	ND	ND	ND	67.5	ND	67.5	35.2
CS21	Surface	ND	ND	ND	93	58.4	151.4	33.8
CS22	Surface	ND	ND	ND	118	ND	118	40
CS23	Surface	ND	ND	ND	258	148	406	44.3
CS24	Surface	ND	ND	ND	98.8	ND	98.8	34.8
CSW1	Surface	ND	ND	ND	ND	ND	0	ND
CSW2	Surface	ND	ND	ND	ND	ND	0	ND
CSW3	Surface	ND	ND	ND	ND	ND	0	ND
CSW4	Surface	ND	ND	ND	ND	ND	0	ND
CSW5	Surface	ND	ND	ND	ND	ND	0	ND
CSW6	Surface	ND	ND	ND	ND	ND	0	ND
CSW7	Surface	ND	ND	ND	ND	ND	0	ND



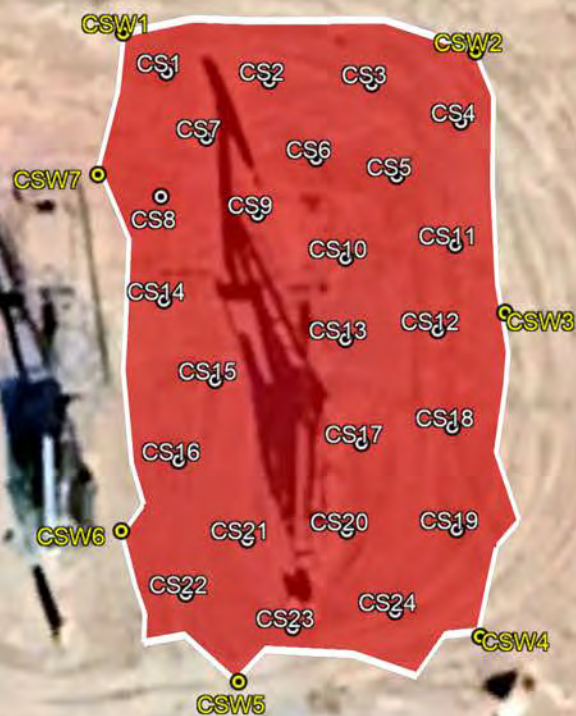
# Tomb Raider 1 12 Federal 62H

Devon Energy  
API #30-015-43889  
Eddy County, NNM  
nAB1816327517  
Confirmation Sample Map

## Legend

- 5-Point composite base samples
- 5-Point composite horizontal samples
- Release area - 9,040 sqft

32.340360, -103.736044



100 ft

Google Earth

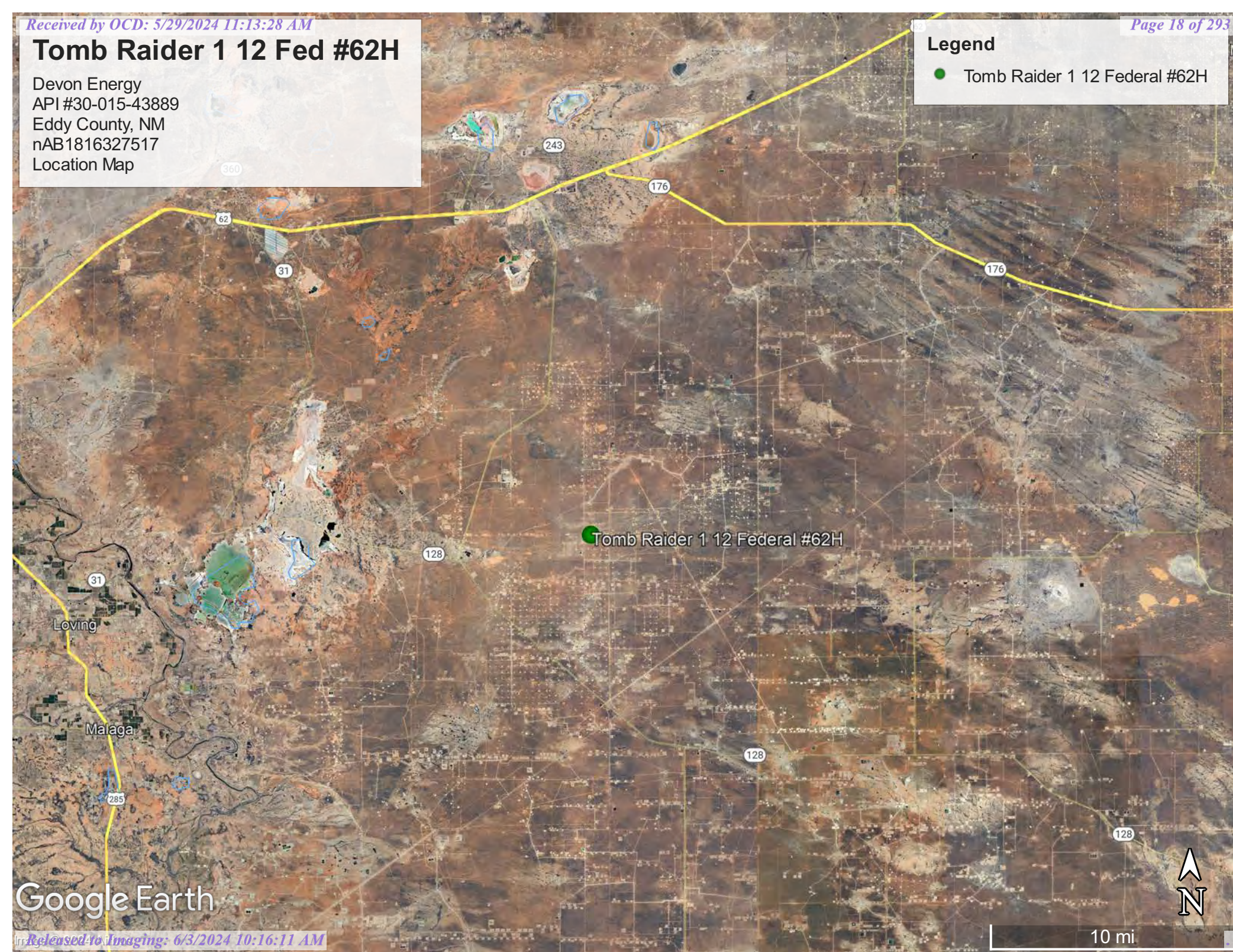


# Tomb Raider 1 12 Fed #62H

Devon Energy  
API #30-015-43889  
Eddy County, NM  
nAB1816327517  
Location Map

## Legend

● Tomb Raider 1 12 Federal #62H



Google Earth

10 mi

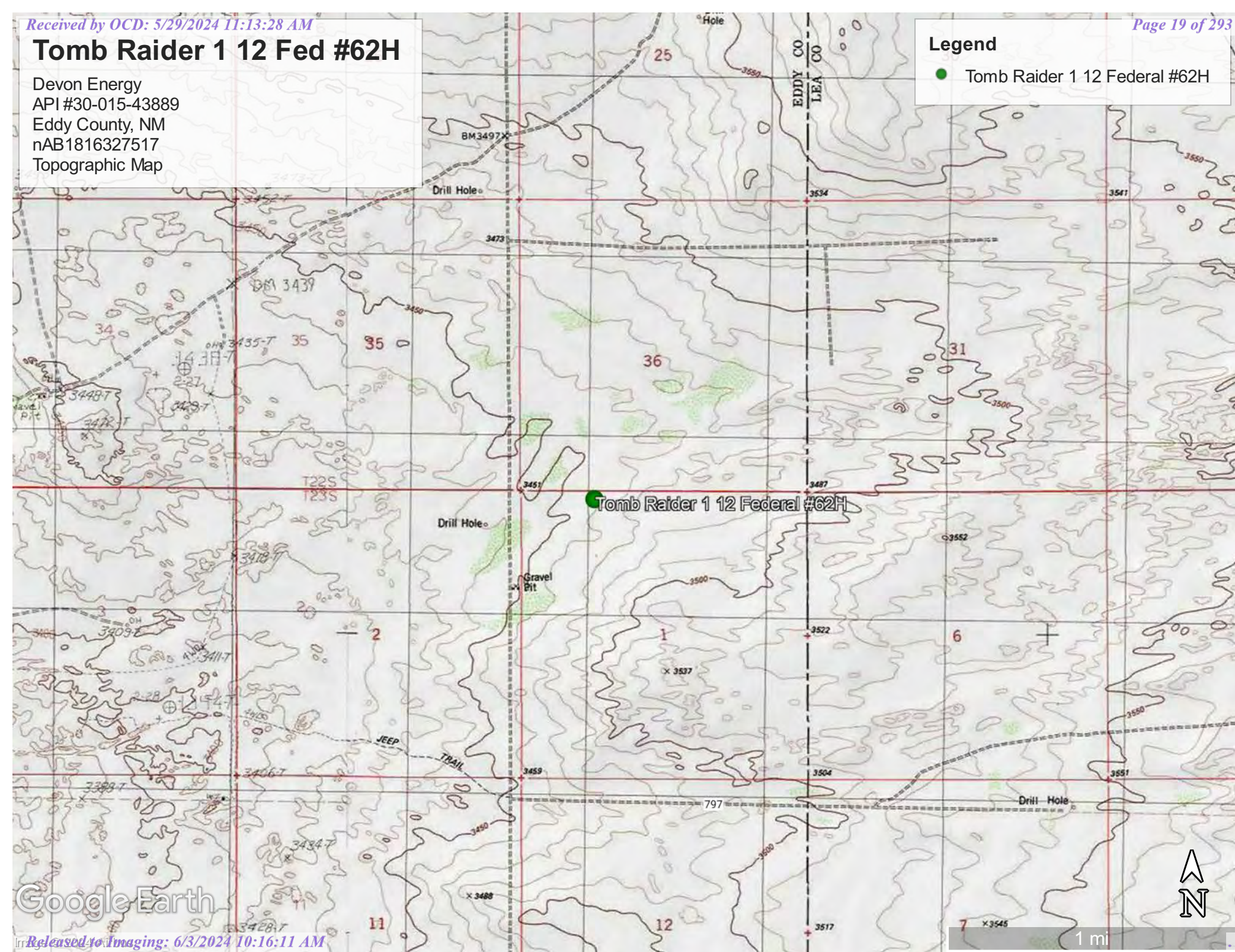


# Tomb Raider 1 12 Fed #62H

Devon Energy  
API #30-015-43889  
Eddy County, NM  
nAB1816327517  
Topographic Map

## Legend

● Tomb Raider 1 12 Federal #62H






Google Earth



# Tomb Raider 1 12 Fed #62H

Devon Energy  
API #30-015-43889  
Eddy County, NM  
nAB1816327517  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst

Tomb Raider 1 12 Federal #62H

797

128

Google Earth

Image © 2024 Airbus



3 mi





Pima Environmental Services

## **Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map

FEMA Flood Map

Wetlands Map





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C 04726 POD1</a>		CUB	ED	1	1	4	01	23S	31E	619538	3578821	557			
<a href="#">C 02756</a>		CUB	ED	3	4	4	26	22S	31E	618250	3580606*	1906	1998		
<a href="#">C 03152</a>		CUB	ED	3	4	4	26	22S	31E	618250	3580606*	1906	938		
<a href="#">C 03138</a>		CUB	ED	3	3	3	26	22S	31E	617043	3580591*	2608	750		
<a href="#">C 04663 POD1</a>		CUB	LE	3	1	2	31	22S	32E	621181	3580341	2660	110		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

**Record Count:** 5

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 618980.87

**Northing (Y):** 3578845.13

**Radius:** 3000

\*UTM location was derived from PLSS - see Help

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

5/20/24 10:10 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
NA	C 04726 POD1	1	1	4	01	23S	31E	619538	3578821 
x									
Driller License:	1249	Driller Company:				ATKINS ENGINEERING ASSOC. INC.			
Driller Name:	JACKIE D. ATKINS								
Drill Start Date:	04/17/2023	Drill Finish Date:				04/17/2023	Plug Date:	04/25/2023	
Log File Date:	04/27/2023	PCW Rcv Date:					Source:		
Pump Type:		Pipe Discharge Size:					Estimated Yield:		
Casing Size:		Depth Well:					Depth Water:		
x									

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

5/20/24 10:10 AM

POINT OF DIVERSION SUMMARY





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

QUE 011 11/27 2/23-10/20

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) C-4726			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 23.65	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	43	47.22	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW L2 Sec.1 T23S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/17/23	DRILLING ENDED 4/17/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/25/23		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>C-04726</u>	POD NO. <u>1</u>	TRN NO. <u>745169</u>
LOCATION <u>23S. 31E. 01. 114</u>	WELL TAG ID NO.	PAGE 1 OF 2

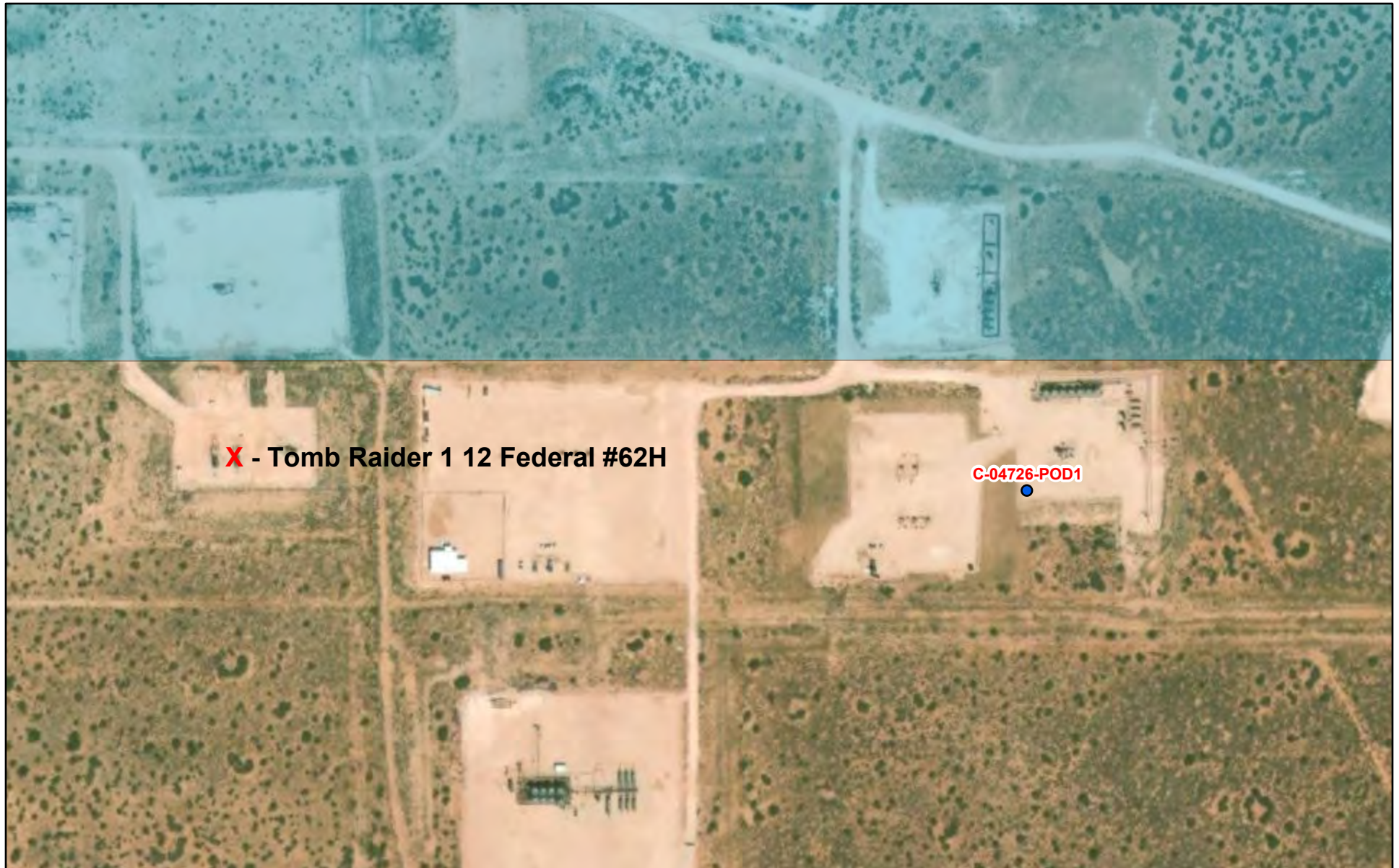


4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <b>(attach supplemental sheets to fully describe all units)</b>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
	0	9	9	Sand, medium-fine grained, poorly, graded, unconsolidated, brown	Y    ✓ N		
	9	14	5	Sand, medium-fine grained, poorly, graded, semi-consolidated, brown	Y    ✓ N		
	14	20	6	Sand, medium-fine grained, poorly, graded, unconsolidated, tan	Y    ✓ N		
	20	45	25	Sand, fine grained, poorly, graded, unconsolidated, tan	Y    ✓ N		
	45	55	10	Clay, stiff, with very-fine silt, reddish brown	Y    ✓ N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
					Y    N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):                  0.00	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
		MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 10 Tomb Raider 1 Fed 1					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
	Jack Atkins			4/26/23			
SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE							

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-04726	POD NO.	1
LOCATION		TRN NO.	745169
735. 31E. 01. 114		WELL TAG ID NO	PAGE 2 OF 2



# OSE POD Location Map



5/20/2024, 8:00:28 AM

GIS WATERS PODs

● Active

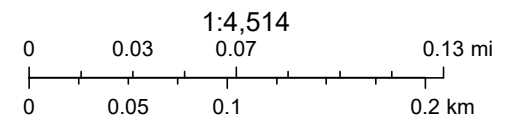
OSE District Boundary

Water Right Regulations

Artesian Planning Area

New Mexico State Trust Lands

Both Estates



Esri, HERE, IPC, Esri, HERE, Garmin, IPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.





[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 322046103460301

Minimum number of levels = 1

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

### USGS 322046103460301 22S.31E.34.321

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°20'46", Longitude 103°46'03" NAD27

Land-surface elevation 3,448 feet above NGVD29

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

This well is completed in the Delaware Mountain Group (313DLRM) local aquifer.

#### Output formats

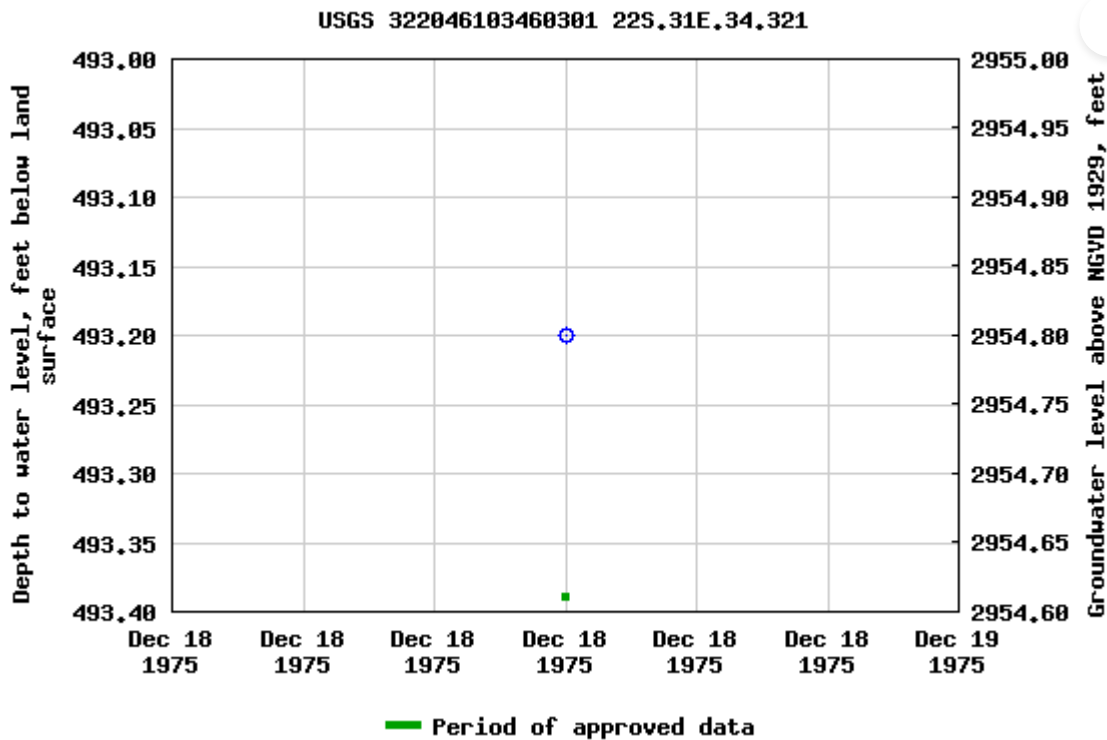
[Table of data](#)

[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](#)

- [Questions or Comments](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2024-05-20 08:55:38 EDT

0.64 0.52 nadww01

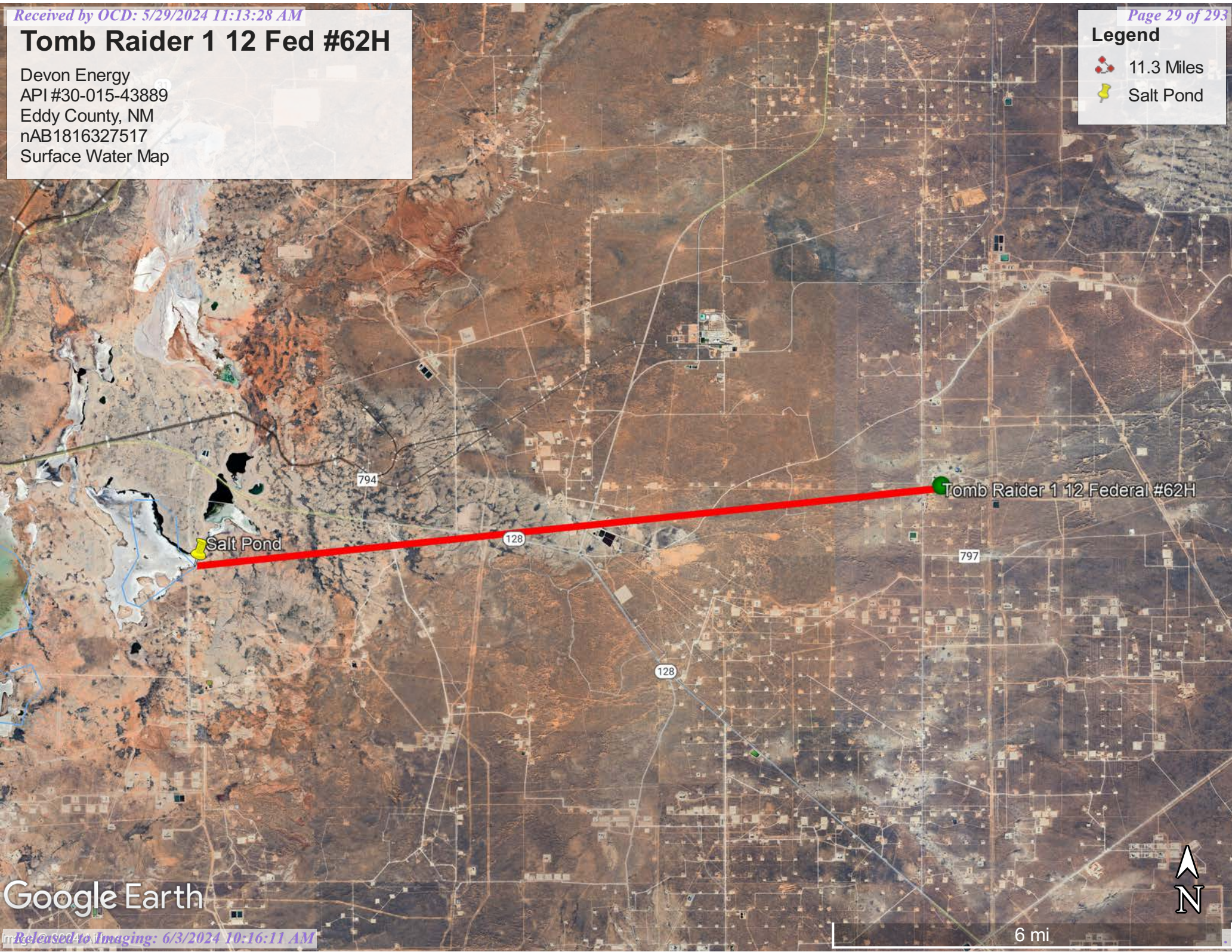


# Tomb Raider 1 12 Fed #62H

Devon Energy  
API #30-015-43889  
Eddy County, NM  
nAB1816327517  
Surface Water Map

## Legend

- 11.3 Miles
- Salt Pond



Google Earth

6 mi



# National Flood Hazard Layer FIRMette



103°44'27"W 32°20'40"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2024 at 9:11 AM 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.

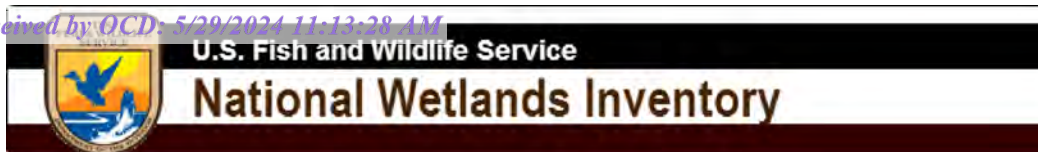
Released to Imaging: 6/3/2024 10:16:11 AM

1:6,000

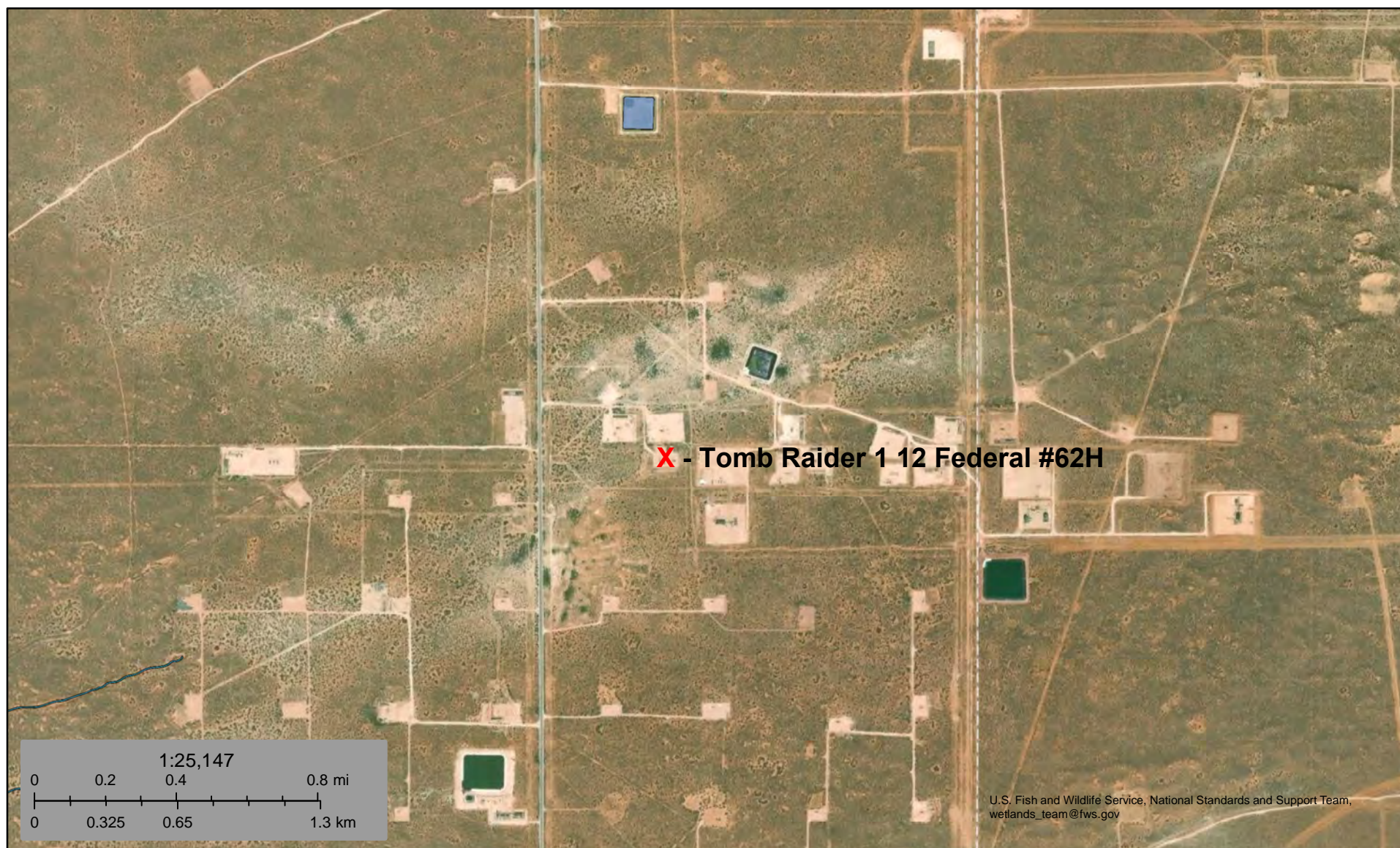
103°43'49"W 32°20'9"N

Basemap Imagery Source: USGS National Map 2023





## Wetlands Map



May 20, 2024

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.





Pima Environmental Services

## **Appendix B**

Soil Survey & Geological Data

Soil Map



Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### KM—Kermit-Berino fine sands, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w4q

*Elevation:* 3,100 to 4,200 feet

*Mean annual precipitation:* 10 to 14 inches

*Mean annual air temperature:* 60 to 64 degrees F

*Frost-free period:* 190 to 230 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kermit and similar soils:* 50 percent

*Berino and similar soils:* 35 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kermit

##### Setting

*Landform:* Plains, alluvial fans

*Landform position (three-dimensional):* Talf, rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 7 inches:* fine sand

*H2 - 7 to 60 inches:* fine sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Excessively drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* Very high (20.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.0 to 1.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Low (about 3.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* A

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No



Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

---

## Description of Berino

### Setting

*Landform:* Plains, fan piedmonts  
*Landform position (three-dimensional):* Riser  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

### Typical profile

*H1 - 0 to 17 inches:* fine sand  
*H2 - 17 to 50 inches:* fine sandy loam  
*H3 - 50 to 58 inches:* loamy sand

### Properties and qualities

*Slope:* 0 to 3 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):* 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:* 40 percent  
*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Moderate (about 7.2 inches)

### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

## Minor Components

### Active dune land

*Percent of map unit:* 15 percent  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 19, Sep 7, 2023



# Tomb Raider 1 12 Federal #62H



Devon Energy  
API #30-015-43889  
Eddy County, NNM  
nAB1816327517  
Geological Data Map

## Eolian and piedmont deposits

[Detailed description](#)

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

## Legend

-  Eolian and piedmont deposits
-  Tomb Raider 1 12 Federal #62H

Tomb Raider 1 12 Federal #62H

797

128

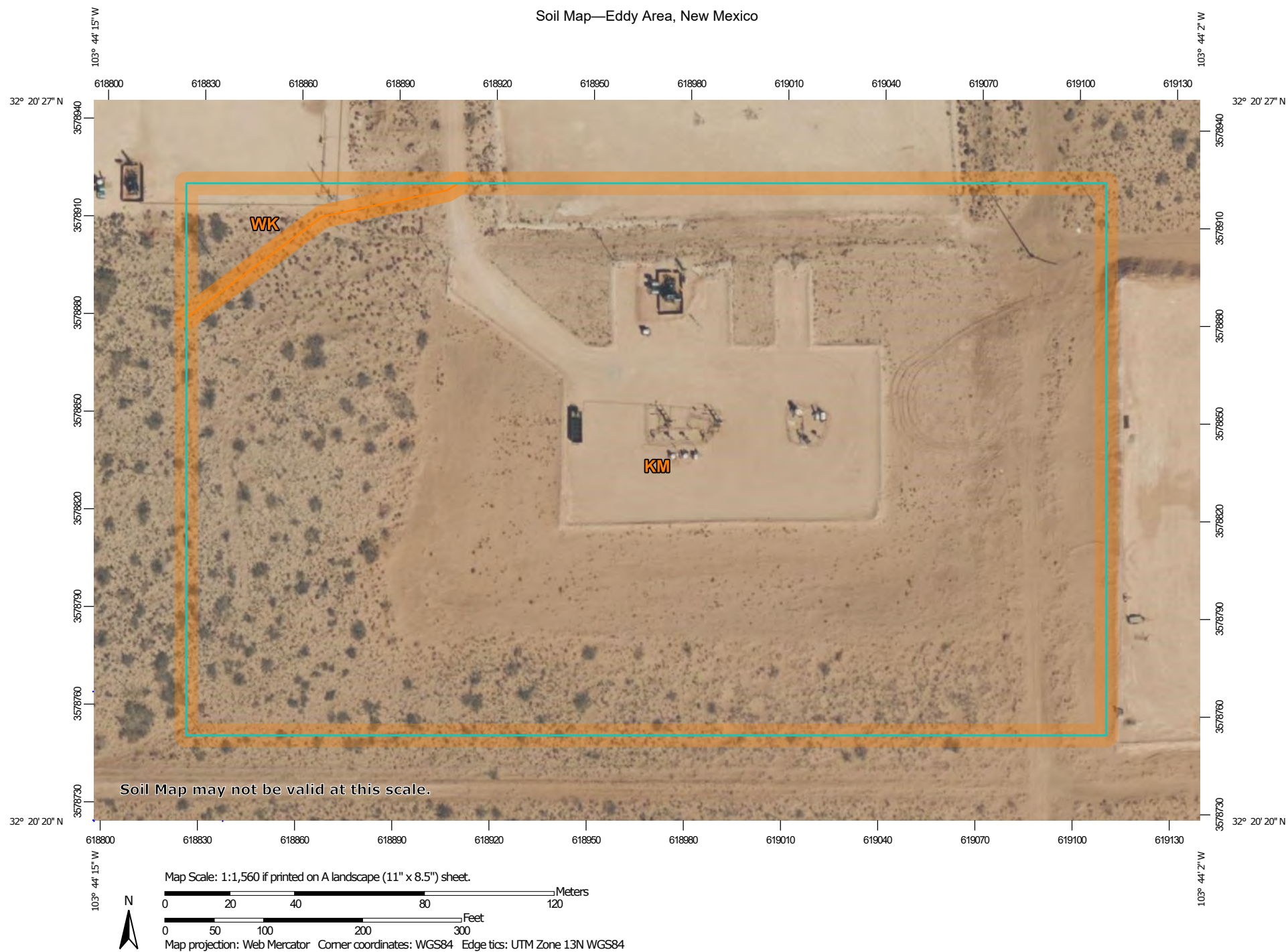
Google Earth



4 mi



## Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


5/20/2024  
Page 1 of 3




## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	11.6	97.2%
WK	Wink loamy fine sand, 0 to 3 percent slopes, eroded	0.3	2.8%
Totals for Area of Interest		11.9	100.0%





Pima Environmental Services

## **Appendix C**

48-Hour Notification

NMOCD Correspondence



**lynsey@pimaoil.com**

---

**From:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Sent:** Monday, May 13, 2024 11:28 AM  
**To:** 'Gio PimaOil'; Lynsey Pima Oil  
**Subject:** FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 343642

Dale Woodall  
**Environmental Professional**  
**Hobbs, NM**  
Office: 575-748-1838  
Mobile: 405-318-4697  
[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, May 13, 2024 11:27 AM  
**To:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 343642

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1816327517.

The sampling event is expected to take place:

**When:** 05/09/2024 @ 08:00

**Where:** C-01-23S-31E Lot: 3 200 FNL 1360 FWL (32.3407183,-103.7315039)

**Additional Information:** Andrew Franco -806-200-0054

**Additional Instructions:** C-01-23S-31E ( 32.3407183,-103.7315039 NAD83) From the intersection of NM 128 and Red Rd, travel North on Red Rd, for 6.20 miles, turn east on Lease Rd for 0.31 of a mile, arriving at location on the right.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**



If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.





Pima Environmental Services

## **Appendix D**

Photographic Documentation

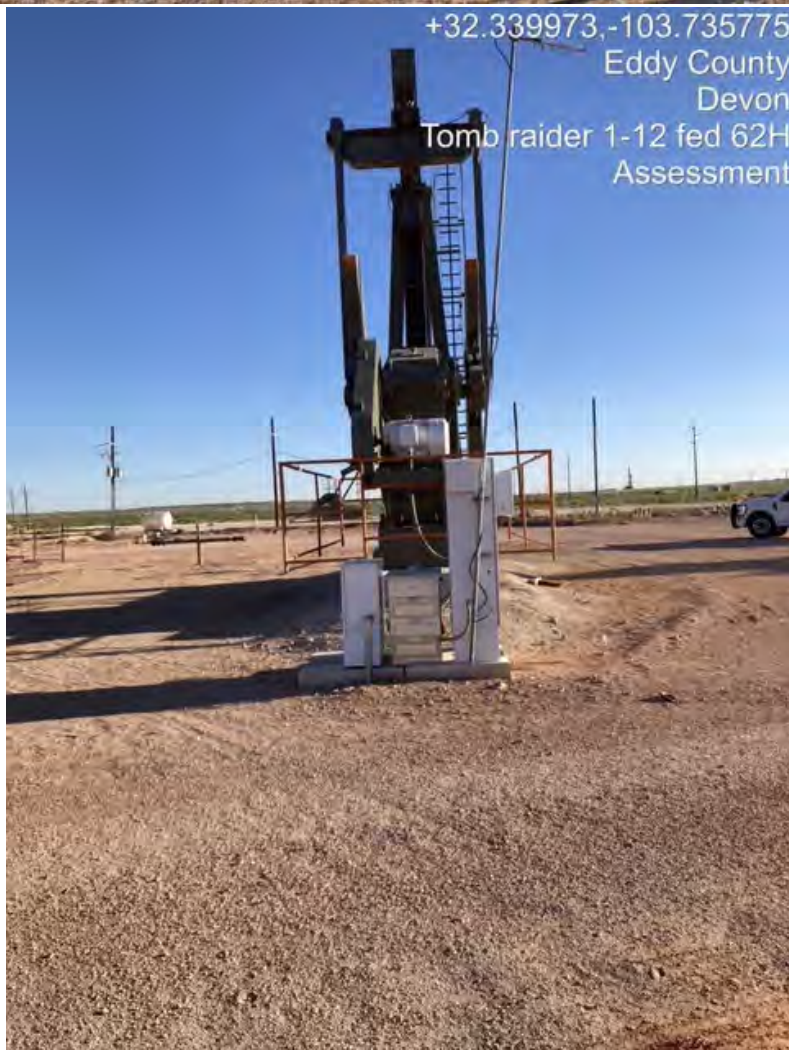
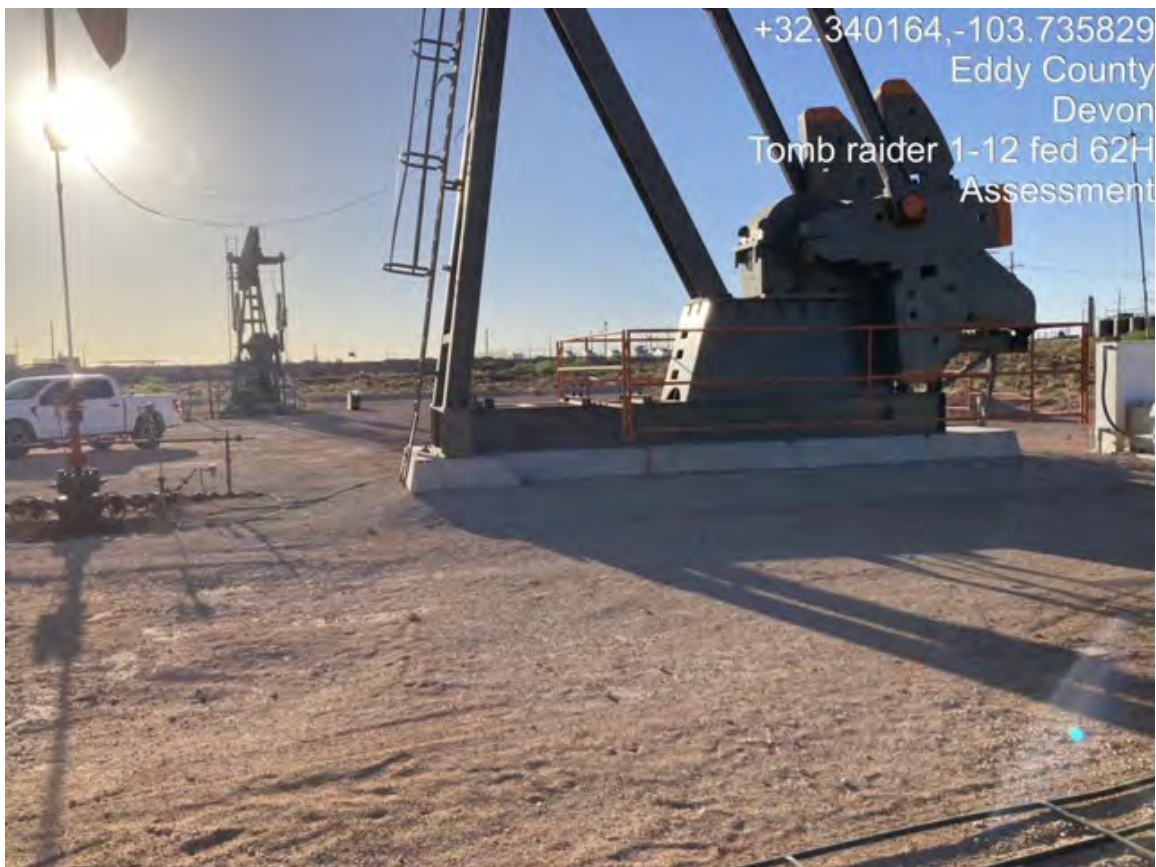
















Pima Environmental Services

## **Appendix E**

Laboratory Reports



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Fed. 62 H

Work Order: E307059

Job Number: 01058-0007

Received: 7/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/20/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 7/20/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Fed. 62 H  
Workorder: E307059  
Date Received: 7/14/2023 8:35:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2023 8:35:00AM, under the Project Name: Tomb Raider 1-12 Fed. 62 H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed. 62 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-3'	7
S1-4'	8
S2-1'	9
S2-3'	10
S2-4'	11
S3-1'	12
S3-3'	13
S3-4	14
S4-1'	15
S4-3'	16
S4-4'	17
S5-1'	18
S5-3'	19
S5-4'	20
S6-1'	21
S6-3'	22
S6-4'	23
SW1	24
SW2	25



## Table of Contents (continued)

SW3	26
SW4	27
SW5	28
SW6	29
SW7	30
QC Summary Data	31
QC - Volatile Organics by EPA 8021B	31
QC - Nonhalogenated Organics by EPA 8015D - GRO	33
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	35
QC - Anions by EPA 300.0/9056A	37
Definitions and Notes	39
Chain of Custody etc.	40



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/20/23 14:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E307059-01A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S1-3'	E307059-02A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S1-4'	E307059-03A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S2-1'	E307059-04A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S2-3'	E307059-05A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S2-4'	E307059-06A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S3-1'	E307059-07A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S3-3'	E307059-08A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S3-4	E307059-09A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S4-1'	E307059-10A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S4-3'	E307059-11A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S4-4'	E307059-12A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S5-1'	E307059-13A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S5-3'	E307059-14A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S5-4'	E307059-15A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S6-1'	E307059-16A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S6-3'	E307059-17A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
S6-4'	E307059-18A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW1	E307059-19A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW2	E307059-20A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW3	E307059-21A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW4	E307059-22A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW5	E307059-23A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW6	E307059-24A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.
SW7	E307059-25A	Soil	07/11/23	07/14/23	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S1-1'

E307059-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.6 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.6 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>	100 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	291	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S1-3'

E307059-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.4 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>						
	97.8 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	134	20.0	1	07/14/23	07/18/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S1-4'

E307059-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.9 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
Surrogate: n-Nonane	96.9 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S2-1'

E307059-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.6 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	214	20.0	1	07/14/23	07/18/23	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Tomb Raider 1-12 Fed. 62 H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/20/2023 2:52:49PM
---	--	----------------------------------

S2-3'

E307059-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.2 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
Surrogate: n-Nonane	93.0 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S2-4'

E307059-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.3 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S3-1'

E307059-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.1 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	151	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S3-3'

E307059-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.0 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/19/23	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		07/19/23	07/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S3-4

E307059-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.3 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	96.9 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/18/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-1'

E307059-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
Surrogate: 4-Bromochlorobenzene-PID	97.4 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.6 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
Surrogate: n-Nonane	95.5 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	152	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S4-3'

E307059-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	134	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S4-4'

E307059-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/14/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/14/23	
Toluene	ND	0.0250	1	07/14/23	07/14/23	
o-Xylene	ND	0.0250	1	07/14/23	07/14/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/14/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.7 %	70-130		07/14/23	07/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	93.1 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S5-1'

E307059-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.3 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	123	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S5-3'

E307059-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.3 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
Surrogate: n-Nonane	90.2 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	133	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S5-4'

E307059-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	88.4 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S6-1'

E307059-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.8 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	143	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S6-3'

E307059-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.4 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	76.7	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

S6-4'

E307059-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.0 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	96.7 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

## SW1

## E307059-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.5 %	70-130	07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
		98.1 %	50-200	07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328060
Chloride	ND	20.0	1	07/14/23	07/19/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW2

E307059-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Benzene	ND	0.0250	1	07/14/23	07/15/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/15/23	
Toluene	ND	0.0250	1	07/14/23	07/15/23	
o-Xylene	ND	0.0250	1	07/14/23	07/15/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/15/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/15/23	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.9 %	70-130		07/14/23	07/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
Surrogate: n-Nonane	96.7 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328060	
Chloride	ND	20.0	1	07/14/23	07/19/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

## SW3

## E307059-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Benzene	ND	0.0250	1	07/14/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/17/23	
Toluene	ND	0.0250	1	07/14/23	07/17/23	
o-Xylene	ND	0.0250	1	07/14/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.9 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329038
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328061
Chloride	ND	20.0	1	07/14/23	07/18/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW4

E307059-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328065	
Benzene	ND	0.0250	1	07/14/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/17/23	
Toluene	ND	0.0250	1	07/14/23	07/17/23	
o-Xylene	ND	0.0250	1	07/14/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID	99.1 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.2 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329038	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
Surrogate: n-Nonane	95.5 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328061	
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

## SW5

## E307059-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Benzene	ND	0.0250	1	07/14/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/17/23	
Toluene	ND	0.0250	1	07/14/23	07/17/23	
o-Xylene	ND	0.0250	1	07/14/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.9 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329038
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	94.8 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328061
Chloride	ND	20.0	1	07/14/23	07/18/23	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/20/2023 2:52:49PM

## SW6

## E307059-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Benzene	ND	0.0250	1	07/14/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/17/23	
Toluene	ND	0.0250	1	07/14/23	07/17/23	
o-Xylene	ND	0.0250	1	07/14/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2328065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329038
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2328061
Chloride	ND	20.0	1	07/14/23	07/18/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW7

E307059-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328065	
Benzene	ND	0.0250	1	07/14/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/14/23	07/17/23	
Toluene	ND	0.0250	1	07/14/23	07/17/23	
o-Xylene	ND	0.0250	1	07/14/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/14/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/14/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID	98.3 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2328065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.6 %	70-130		07/14/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2329038	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/23	07/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/23	07/20/23	
Surrogate: n-Nonane	96.0 %	50-200		07/19/23	07/20/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2328061	
Chloride	ND	20.0	1	07/14/23	07/18/23	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2328065-BLK1) Prepared: 07/14/23 Analyzed: 07/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

LCS (2328065-BS1) Prepared: 07/14/23 Analyzed: 07/17/23

Benzene	4.82	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.85	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			

Matrix Spike (2328065-MS1) Source: E307053-01 Prepared: 07/14/23 Analyzed: 07/17/23

Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	5.09	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			

Matrix Spike Dup (2328065-MSD1) Source: E307053-01 Prepared: 07/14/23 Analyzed: 07/17/23

Benzene	5.00	0.0250	5.00	ND	100	54-133	1.20	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	61-133	0.905	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.15	20	
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	1.03	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.10	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	1.07	20	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2328067-BLK1) Prepared: 07/14/23 Analyzed: 07/14/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.1	70-130			

LCS (2328067-BS1) Prepared: 07/14/23 Analyzed: 07/14/23

Benzene	4.79	0.0250	5.00		95.9	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

Matrix Spike (2328067-MS1) Source: E307059-07 Prepared: 07/14/23 Analyzed: 07/14/23

Benzene	4.90	0.0250	5.00	ND	98.0	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.3	70-130			

Matrix Spike Dup (2328067-MSD1) Source: E307059-07 Prepared: 07/14/23 Analyzed: 07/14/23

Benzene	4.93	0.0250	5.00	ND	98.6	54-133	0.601	20	
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133	0.816	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	0.656	20	
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131	0.410	20	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131	0.800	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131	0.670	20	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/20/2023 2:52:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2328065-BLK1) Prepared: 07/14/23 Analyzed: 07/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.59		8.00		82.4	70-130			

LCS (2328065-BS2) Prepared: 07/14/23 Analyzed: 07/17/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.6	70-130			

Matrix Spike (2328065-MS2) Source: E307053-01 Prepared: 07/14/23 Analyzed: 07/17/23

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		8.00		83.2	70-130			

Matrix Spike Dup (2328065-MSD2) Source: E307053-01 Prepared: 07/14/23 Analyzed: 07/17/23

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130	0.677	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		83.9	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2328067-BLK1) Prepared: 07/14/23 Analyzed: 07/14/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.3	70-130			

LCS (2328067-BS2) Prepared: 07/14/23 Analyzed: 07/14/23

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

Matrix Spike (2328067-MS2) Source: E307059-07 Prepared: 07/14/23 Analyzed: 07/14/23

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.7	70-130			

Matrix Spike Dup (2328067-MSD2) Source: E307059-07 Prepared: 07/14/23 Analyzed: 07/14/23

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	2.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/20/2023 2:52:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2329037-BLK1)					Prepared: 07/19/23 Analyzed: 07/19/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			

LCS (2329037-BS1)					Prepared: 07/19/23 Analyzed: 07/19/23				
Diesel Range Organics (C10-C28)	241	25.0	250		96.2	38-132			
Surrogate: n-Nonane	45.6		50.0		91.1	50-200			

Matrix Spike (2329037-MS1)					Source: E307059-08		Prepared: 07/19/23 Analyzed: 07/19/23		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

Matrix Spike Dup (2329037-MSD1)					Source: E307059-08		Prepared: 07/19/23 Analyzed: 07/19/23		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	3.93	20	
Surrogate: n-Nonane	48.2		50.0		96.3	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  7/20/2023 2:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2329038-BLK1)					Prepared: 07/19/23 Analyzed: 07/19/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.1	50-200			

LCS (2329038-BS1)					Prepared: 07/19/23 Analyzed: 07/19/23				
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			

Matrix Spike (2329038-MS1)					Source: E307085-05		Prepared: 07/19/23 Analyzed: 07/19/23		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	43.3		50.0		86.6	50-200			

Matrix Spike Dup (2329038-MSD1)					Source: E307085-05		Prepared: 07/19/23 Analyzed: 07/19/23		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	3.98	20	
Surrogate: n-Nonane	46.8		50.0		93.6	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/20/2023 2:52:49PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2328060-BLK1)				Prepared: 07/14/23 Analyzed: 07/18/23					
Chloride	ND	20.0							
LCS (2328060-BS1)				Prepared: 07/14/23 Analyzed: 07/18/23					
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2328060-MS1)				Source: E307059-01		Prepared: 07/14/23 Analyzed: 07/18/23			
Chloride	600	20.0	250	291	124	80-120			M2
Matrix Spike Dup (2328060-MSD1)				Source: E307059-01		Prepared: 07/14/23 Analyzed: 07/18/23			
Chloride	542	20.0	250	291	101	80-120	10.1	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/20/2023 2:52:49PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2328061-BLK1)					Prepared: 07/14/23 Analyzed: 07/17/23				
Chloride	ND	20.0							
LCS (2328061-BS1)					Prepared: 07/14/23 Analyzed: 07/17/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2328061-MS1)					Source: E307052-01		Prepared: 07/14/23 Analyzed: 07/17/23		
Chloride	1580	40.0	250	1280	117	80-120			
Matrix Spike Dup (2328061-MSD1)					Source: E307052-01		Prepared: 07/14/23 Analyzed: 07/17/23		
Chloride	1590	40.0	250	1280	121	80-120	0.675	20	M2

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/20/23 14:52

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





## Project Information

## Chain of Custody

Page 1 of 3

<b>Client:</b> Pima Environmental Services <b>Project:</b> Tomb Raider 1-12 Fed. 62 H <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-134-2					<b>Lab Use Only</b> <b>Lab WO#</b> E307059 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks																								
8:00	7/11	S	1	S1-1'	1							X																										
8:05				S1-3'	2																																	
8:10				S1-4'	3																																	
8:15				S2-1'	4																																	
8:20				S2-3'	5																																	
8:25				S2-4'	6																																	
8:30				S3-1'	7																																	
8:35				S3-3'	8																																	
8:40				S3-4	9																																	
8:45				S4-1'	10																																	
<b>Additional Instructions:</b> WO# 21164184 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. <b>Sampled by:</b> <table border="1"> <tr> <td>Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td>Received by: (Signature)</td> <td>Date</td> <td>Time</td> </tr> <tr> <td>Karine Adams</td> <td>7/13/23</td> <td>200</td> <td>Michelle Campbell</td> <td>7-13-23</td> <td>1400</td> </tr> <tr> <td>Michelle Campbell</td> <td>7-13-23</td> <td>1700</td> <td>Allen Mussen</td> <td>7-13-23</td> <td>1700</td> </tr> <tr> <td>Allen Mussen</td> <td>7-13-23</td> <td>1830</td> <td>Caitlin Mac</td> <td>7/14/23</td> <td>8:35</td> </tr> </table>															Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Karine Adams	7/13/23	200	Michelle Campbell	7-13-23	1400	Michelle Campbell	7-13-23	1700	Allen Mussen	7-13-23	1700	Allen Mussen	7-13-23	1830	Caitlin Mac	7/14/23	8:35
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																																	
Karine Adams	7/13/23	200	Michelle Campbell	7-13-23	1400																																	
Michelle Campbell	7-13-23	1700	Allen Mussen	7-13-23	1700																																	
Allen Mussen	7-13-23	1830	Caitlin Mac	7/14/23	8:35																																	
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.																																						
<b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 T2 T3 AVG Temp °C 4																																						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																						



## Project Information

Client: Pima Environmental Services  
 Project: Tomb Raider 1-12 Fed. 624  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM. 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-134-2

Lab Use Only						TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA	RCRA		State	
E307059	01058-0007				X					NM	CO
Analysis and Method											
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:50	7/11	S	✓	54-3'	11
8:55				54-4'	12
9:00				55-1'	13
9:05				55-3'	14
9:10				55-4'	15
9:15				56-1'	16
9:20				56-3'	17
9:25				56-4'	18
9:30				SW1	19
9:35				SW2	20

## Additional Instructions:

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

Sampled by:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	7/13/23	2:00	Nicelle Lopez	7-13-23	1400
Nicelle Lopez	7-13-23	1700	Allen Messo	7-13-23	1700
Allen Messo	7-13-23	2330	Keith Man	7/14/23	8:35

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

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

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



## Project Information

Client: <u>Pima Environmental Services</u> Project: <u>Tomb Raider 1-12 Feb. 62H</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-B34-2</u>					Lab Use Only Lab WO# <u>E 307059</u> Job Number <u>0108-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>										
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
9:40	7/11	S	1	SW3	21															
9:45				SW4	22															
9:50				SW5	23															
9:55				SW6	24															
10:00				SW7	25															
Additional Instructions: <u>WO# 21164184</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) <u>Karine Adams</u> Date <u>7/13/23</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gungles</u> Date <u>7-13-23</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Gungles</u> Date <u>7-13-23</u> Time <u>1700</u> Received by: (Signature) <u>Allen Moss</u> Date <u>7-13-23</u> Time <u>1700</u>																				
Relinquished by: (Signature) <u>Allen Moss</u> Date <u>7-13-23</u> Time <u>2330</u> Received by: (Signature) <u>Carla Mar</u> Date <u>7/14/23</u> Time <u>8:35</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



## Envirotech Analytical Laboratory

Printed: 7/14/2023 10:00:54AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/14/23 08:35	Work Order ID:	E307059
Phone:	(575) 631-6977	Date Logged In:	07/13/23 16:09	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/20/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Fed. 62 H

Work Order: E405149

Job Number: 01058-0007

Received: 5/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/22/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/22/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Fed. 62 H  
Workorder: E405149  
Date Received: 5/10/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2024 5:00:00AM, under the Project Name: Tomb Raider 1-12 Fed. 62 H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed. 62 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 -1'	6
S1 -2'	7
S1 -3'	8
S1 -4'	9
S1 -5'	10
S1 -6'	11
S2 -1'	12
S2 -2'	13
S2 -3'	14
S2 -4'	15
S2 -5'	16
S2 -6'	17
S3 -1'	18
S3 -2'	19
S3 -3'	20
S3 -4'	21
S3 -5'	22
S3 -6'	23
S4 -1'	24
S4 -2'	25



Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/22/24 14:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E405149-01A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 -2'	E405149-02A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 -3'	E405149-03A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 -4'	E405149-04A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 -5'	E405149-05A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 -6'	E405149-06A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -1'	E405149-07A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -2'	E405149-08A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -3'	E405149-09A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -4'	E405149-10A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -5'	E405149-11A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 -6'	E405149-12A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -1'	E405149-13A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -2'	E405149-14A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -3'	E405149-15A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -4'	E405149-16A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -5'	E405149-17A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S3 -6'	E405149-18A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S4 -1'	E405149-19A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S4 -2'	E405149-20A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S1 -1'

E405149-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		85.5 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	55.3	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S1 -2'

E405149-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		88.5 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	34.4	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -3'

E405149-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		87.3 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	42.8	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S1 -4'

E405149-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		84.2 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -5'

E405149-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2420022	
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene	115 %	70-130		05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		05/13/24	05/16/24	
Surrogate: Toluene-d8	106 %	70-130		05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2420022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene	115 %	70-130		05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		05/13/24	05/16/24	
Surrogate: Toluene-d8	106 %	70-130		05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2420087	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane	98.9 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2420155	
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S1 -6'

E405149-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		102 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S2 -1'

E405149-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		97.0 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	49.5	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -2'

E405149-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2420022	
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene	114 %	70-130		05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		05/13/24	05/16/24	
Surrogate: Toluene-d8	106 %	70-130		05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2420022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene	114 %	70-130		05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		05/13/24	05/16/24	
Surrogate: Toluene-d8	106 %	70-130		05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2420087	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane	88.7 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2420155	
Chloride	48.3	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S2 -3'

E405149-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		97.1 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	71.0	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -4'

E405149-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/16/24	
Toluene	ND	0.0250	1	05/13/24	05/16/24	
o-Xylene	ND	0.0250	1	05/13/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/16/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		89.7 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -5'

E405149-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		95.0 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/18/24	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S2 -6'

E405149-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		96.0 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S3 -1'

E405149-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		94.9 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	34.0	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S3 -2'

E405149-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		102 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	87.6	20.0	1	05/16/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -3'

E405149-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		98.8 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S3 -4'

E405149-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		88.6 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	ND	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S3 -5'

E405149-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		98.6 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	61.7	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S3 -6'

E405149-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		99.5 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	39.9	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S4 -1'

E405149-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		99.0 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	47.2	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/22/2024 2:29:22PM

S4 -2'

E405149-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420022
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420087
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		97.4 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420155
Chloride	43.5	20.0	1	05/16/24	05/18/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/22/2024 2:29:22PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420022-BLK1) Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2420022-BS1) Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	2.28	0.0250	2.50		91.2	70-130			
Ethylbenzene	2.45	0.0250	2.50		97.9	70-130			
Toluene	2.44	0.0250	2.50		97.6	70-130			
o-Xylene	2.59	0.0250	2.50		103	70-130			
p,m-Xylene	5.16	0.0500	5.00		103	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2420022-MS1) Source: E405149-02 Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	2.31	0.0250	2.50	ND	92.3	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.45	0.0250	2.50	ND	98.0	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.14	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike Dup (2420022-MSD1) Source: E405149-02 Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	2.32	0.0250	2.50	ND	92.8	48-131	0.519	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.3	45-135	0.484	27	
Toluene	2.45	0.0250	2.50	ND	98.1	48-130	0.143	24	
o-Xylene	2.62	0.0250	2.50	ND	105	43-135	0.556	27	
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135	1.59	27	
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135	1.25	27	
Surrogate: Bromofluorobenzene	0.563		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  5/22/2024 2:29:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420022-BLK1) Prepared: 05/13/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2420022-BS2) Prepared: 05/13/24 Analyzed: 05/20/24

Gasoline Range Organics (C6-C10)	63.9	20.0	50.0		128	70-130			
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.441		0.500		88.2	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

Matrix Spike (2420022-MS2) Source: E405149-02 Prepared: 05/13/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.568		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

Matrix Spike Dup (2420022-MSD2) Source: E405149-02 Prepared: 05/13/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	0.738	20	
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/22/2024 2:29:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420087-BLK1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			

LCS (2420087-BS1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	271	25.0	250		109	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

LCS Dup (2420087-BSD1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132	1.05	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/22/2024 2:29:22PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420155-BLK1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	ND	20.0							
LCS (2420155-BS1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2420155-BSD1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	257	20.0	250		103	90-110	0.495	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/22/24 14:29

- ND            Analyte NOT DETECTED at or above the reporting limit
- NR            Not Reported
- RPD          Relative Percent Difference
- DNI          Did Not Ignite
- DNR          Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





## Project Information

## Chain of Custody

Page 1 of 9

<b>Client:</b> <u>Pima Environmental Services</u> <b>Project:</b> <u>Bomb Raider 1-12 Fed. 62 H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>glo@pimaoli.com</u> <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>134-2</u>				<b>Analysis and Method</b> <b>DRO/DRO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8260</b> <b>Metals 6010</b> <b>Chloride 300.0</b> <b>BGDOC NM</b> <b>BGDOC TX</b>				<b>TAT</b> <b>1D</b> <b>2D</b> <b>3D</b> <b>Standard</b> <b>EPA Program</b> <b>CWA</b> <b>SDWA</b> <b>RCRA</b> <b>State</b> <b>NM</b> <b>CO</b> <b>UT</b> <b>AZ</b> <b>TX</b> <b>Remarks</b>					
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>												
8:06	5/8	S		SI-1'	1												
8:11				SI-2'	2												
8:13				SI-3'	3												
8:17				SI-4'	4												
8:26				SI-5'	5												
8:31				SI-6'	6												
8:39				SZ-1'	7												
8:46				SZ-2'	8												
8:55				SZ-3'	9												
9:00				SZ-4'	10												
<b>Additional Instructions:</b> <u>B# 21164184</u>																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		<b>Lab Use Only</b> Received on ice: <u>Y</u> / <u>N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time							
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____ Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	


**envirotech**



## Project Information

## Chain of Custody

Page 2 of 9

<b>Client: Pima Environmental Services</b> <b>Project: Tomb Raider 1-12 Feb 62 H</b> <b>Project Manager: Glo Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: glo@pimaoli.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 134-2</b>					<b>Analysis and Method</b> <b>905149 01032-207</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
9:09	5/8	S		S2-5'	11							X								
9:17				S2-6'	12															
9:22				S3-1'	13															
9:28				S3-2'	14															
9:33				S3-3'	15															
9:36				S3-4'	16															
9:41				S3-5'	17															
9:45				S3-6'	18															
9:50				S4-1'	19															
9:56				S4-2'	20															
<b>Additional Instructions:</b> B# 21164184																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: Y / N												
Kerime H.		5/9/24	2:00	Michelle Gonzales		5-9-24	1400	T1 T2 T3 AVG Temp °C 4												
Michelle Gonzales		5-9-24	1830	J.H.		5-9-24	1830													
J.H.		5-9-24	2400	Kerime H.		5-10-24	0500													
Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


**envirotech**



## Envirotech Analytical Laboratory

Printed: 5/14/2024 3:10:28PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/24 05:00	Work Order ID:	E405149
Phone:	(575) 631-6977	Date Logged In:	05/09/24 16:46	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (4 day TAT)		

Chain of Custody (COC)

- |   |     |
|---|-----|
| 1. Does the sample ID match the COC?  | Yes |
| 2. Does the number of samples per sampling site location match the COC      | Yes |
| 3. Were samples dropped off by client or carrier?                           | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No  |
| 5. Were all samples received within holding time?                           | Yes |

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

- |   |     |
|---|-----|
| 7. Was a sample cooler received?  | Yes |
| 8. If yes, was cooler received in good condition?                                 | Yes |
| 9. Was the sample(s) received intact, i.e., not broken?                           | Yes |
| 10. Were custody/security seals present?  | No  |
| 11. If yes, were custody/security seals intact?                                   | NA  |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C | Yes |

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- |   |  |
|---|--|
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C |  |
|---|--|

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Project Tomb Raider 1-12 Fed 62 H has been separated into multiple Workorders due to high sample volume. WO are as follows: E405149, 405150, 405151, 405152. No. of Containers is not documented on COC by client

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

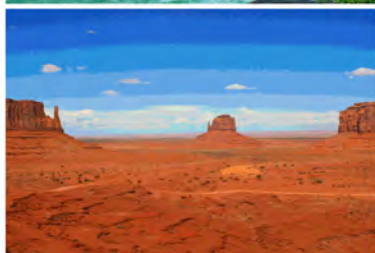
Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Fed. 62 H

Work Order: E405150

Job Number: 01058-0007

Received: 5/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/20/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/20/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Fed. 62 H  
Workorder: E405150  
Date Received: 5/10/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2024 5:00:00AM, under the Project Name: Tomb Raider 1-12 Fed. 62 H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed. 62 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S4 -3'	6
S4 -4'	7
S4 -5'	8
S4 -6'	9
S5 -1'	10
S5 -2'	11
S5 -3'	12
S5 -4'	13
S5 -5'	14
S5 -6'	15
S6 -1'	16
S6 -2'	17
S6 -3'	18
S6 -4'	19
S6 -5'	20
S6 -6'	21
S7 -1'	22
S7 -2'	23
S7 -3'	24
S7 -4'	25



Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31



Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  05/20/24 11:20
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4 -3'	E405150-01A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S4 -4'	E405150-02A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S4 -5'	E405150-03A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S4 -6'	E405150-04A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -1'	E405150-05A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -2'	E405150-06A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -3'	E405150-07A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -4'	E405150-08A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -5'	E405150-09A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S5 -6'	E405150-10A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -1'	E405150-11A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -2'	E405150-12A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -3'	E405150-13A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -4'	E405150-14A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -5'	E405150-15A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S6 -6'	E405150-16A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S7 -1'	E405150-17A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S7 -2'	E405150-18A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S7 -3'	E405150-19A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S7 -4'	E405150-20A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S4 -3'

E405150-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		106 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	33.2	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -4'

E405150-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		109 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -5'

E405150-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		108 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S4 -6'

E405150-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		108 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S5 -1'

E405150-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		105 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	27.3	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -2'

E405150-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		100 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	129	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S5 -3'

E405150-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		97.6 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	26.1	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -4'

E405150-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		104 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -5'

E405150-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane		106 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -6'

E405150-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		112 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -1'

E405150-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		101 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	25.0	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -2'

E405150-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		101 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	114	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -3'

E405150-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		96.7 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S6 -4'

E405150-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		102 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		105 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -5'

E405150-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		110 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S6 -6'

E405150-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		114 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -1'

E405150-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		101 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	29.3	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -2'

E405150-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene	105 %	70-130		05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		05/13/24	05/17/24	
Surrogate: Toluene-d8	103 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene	105 %	70-130		05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		05/13/24	05/17/24	
Surrogate: Toluene-d8	103 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane	99.0 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420158	
Chloride	86.6	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S7 -3'

E405150-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		101 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		96.6 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 11:20:51AM

S7 -4'

E405150-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		103 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		110 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420158
Chloride	ND	20.0	1	05/16/24	05/18/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 11:20:51AM

Volatile Organic Compounds by EPA 8260B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420023-BLK1) Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2420023-BS1) Prepared: 05/13/24 Analyzed: 05/16/24

Benzene	2.49	0.0250	2.50		99.5	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.48	0.0250	2.50		99.3	70-130			
o-Xylene	2.70	0.0250	2.50		108	70-130			
p,m-Xylene	5.42	0.0500	5.00		108	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike (2420023-MS1) Source: E405150-03 Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.81	0.0250	2.50	ND	112	45-135			
Toluene	2.65	0.0250	2.50	ND	106	48-130			
o-Xylene	3.00	0.0250	2.50	ND	120	43-135			
p,m-Xylene	6.01	0.0500	5.00	ND	120	43-135			
Total Xylenes	9.01	0.0250	7.50	ND	120	43-135			
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike Dup (2420023-MSD1) Source: E405150-03 Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	2.62	0.0250	2.50	ND	105	48-131	0.0762	23	
Ethylbenzene	2.75	0.0250	2.50	ND	110	45-135	1.96	27	
Toluene	2.61	0.0250	2.50	ND	104	48-130	1.81	24	
o-Xylene	2.95	0.0250	2.50	ND	118	43-135	1.90	27	
p,m-Xylene	5.87	0.0500	5.00	ND	117	43-135	2.34	27	
Total Xylenes	8.81	0.0250	7.50	ND	117	43-135	2.19	27	
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  5/20/2024 11:20:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420023-BLK1) Prepared: 05/13/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2420023-BS2) Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2420023-MS2) Source: E405150-03 Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130			
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike Dup (2420023-MSD2) Source: E405150-03 Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130	1.47	20	
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 11:20:51AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420089-BLK1) Prepared: 05/15/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2420089-BS1) Prepared: 05/15/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	301	25.0	250		120	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS Dup (2420089-BSD1) Prepared: 05/15/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	297	25.0	250		119	38-132	1.06	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 11:20:51AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420158-BLK1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	ND	20.0							
LCS (2420158-BS1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2420158-BSD1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	259	20.0	250		104	90-110	0.904	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 11:20

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





## Project Information

## Chain of Custody

Page 3 of 9

<b>Client: Pima Environmental Services</b> <b>Project:</b> Tomb Raider 1-12 Feb 62 H <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 134-2					<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard			<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX									
										<b>Remarks</b>									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:01	5/8	S		S4-3'	1							X		
10:07				S4-4'	2									
10:12				S4-5'	3									
10:20				S4-6'	4									
10:28				S5-1'	5									
10:33				S5-2'	6									
10:39				S5-3'	7									
10:46				S5-4'	8									
10:50				S5-5'	9									
10:51				S5-6'	10									

**Additional Instructions:** B# 21164184

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

**Sampled by:**

Relinquished by: (Signature) Karime Hame	Date 5/9/24	Time 200	Received by: (Signature) Michelle Gonzales	Date 5.9.24	Time 1400
Relinquished by: (Signature) Michelle Gonzales	Date 5.9.24	Time 1830	Received by: (Signature) J.H.	Date 5.9.24	Time 1830
Relinquished by: (Signature) J.H.	Date 5.9.24	Time 2400	Received by: (Signature) Highway 11400	Date 5-10-24	Time 0500

Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other

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

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

Lab Use Only  
 Received on ice: ☒ Y / ☐ N  
 T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4





**envirotech**



## Envirotech Analytical Laboratory

Printed: 5/14/2024 3:01:32PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/24 05:00	Work Order ID:	E405150
Phone:	(575) 631-6977	Date Logged In:	05/09/24 16:47	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (4 day TAT)		

Chain of Custody (COC)

- |   |     |
|---|-----|
| 1. Does the sample ID match the COC?  | Yes |
| 2. Does the number of samples per sampling site location match the COC      | Yes |
| 3. Were samples dropped off by client or carrier?                           | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No  |
| 5. Were all samples received within holding time?                           | Yes |

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

- |   |     |
|---|-----|
| 7. Was a sample cooler received?  | Yes |
| 8. If yes, was cooler received in good condition?                                 | Yes |
| 9. Was the sample(s) received intact, i.e., not broken?                           | Yes |
| 10. Were custody/security seals present?  | No  |
| 11. If yes, were custody/security seals intact?                                   | NA  |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C | Yes |

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- |   |  |
|---|--|
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C |  |
|---|--|

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Project Tomb Raider 1-12 Fed 62 H has been separated into multiple Workorders due to high sample volume. WO are as follows: E405149, 405150, 405151, 405152. No. of Containers are not documented on COC by client

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

Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Fed. 62 H

Work Order: E405151

Job Number: 01058-0007

Received: 5/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/20/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/20/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Fed. 62 H  
Workorder: E405151  
Date Received: 5/10/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2024 5:00:00AM, under the Project Name: Tomb Raider 1-12 Fed. 62 H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed. 62 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S7-5'	6
S7-6'	7
S8-1'	8
S8-2'	9
S8-3'	10
S8-4'	11
S8-5'	12
S8-6'	13
S9-1'	14
S9-2'	15
S9-3'	16
S9-4'	17
S9-5'	18
S9-6'	19
S10-1'	20
S10-2'	21
S10-3'	22
S10-4'	23
S10-5'	24
S10-6'	25



Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7-5'	E405151-01A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S7-6'	E405151-02A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-1'	E405151-03A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-2'	E405151-04A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-3'	E405151-05A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-4'	E405151-06A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-5'	E405151-07A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S8-6'	E405151-08A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-1'	E405151-09A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-2'	E405151-10A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-3'	E405151-11A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-4'	E405151-12A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-5'	E405151-13A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S9-6'	E405151-14A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-1'	E405151-15A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-2'	E405151-16A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-3'	E405151-17A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-4'	E405151-18A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-5'	E405151-19A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S10-6'	E405151-20A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S7-5'

E405151-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S7-6'

E405151-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		112 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-1'

E405151-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		115 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	24.1	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-2'

E405151-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		113 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	119	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-3'

E405151-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		109 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-4'

E405151-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-5'

E405151-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		113 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		113 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S8-6'

E405151-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		112 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-1'

E405151-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		110 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	51.3	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-2'

E405151-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		109 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	42.6	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-3'

E405151-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		110 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	39.3	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-4'

E405151-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		112 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-5'

E405151-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		113 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S9-6'

E405151-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		108 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		112 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 4:22:33PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-1'

E405151-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	150	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S10-2'

E405151-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		107 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	52.5	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 4:22:33PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-3'

E405151-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		105 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		113 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S10-4'

E405151-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 4:22:33PM

S10-5'

E405151-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/13/24	05/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	05/13/24	05/17/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		113 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 4:22:33PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-6'

E405151-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Benzene	ND	0.0250	1	05/13/24	05/18/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/18/24	
Toluene	ND	0.0250	1	05/13/24	05/18/24	
o-Xylene	ND	0.0250	1	05/13/24	05/18/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/18/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/18/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/13/24	05/18/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	05/13/24	05/18/24	
Surrogate: Toluene-d8		106 %	70-130	05/13/24	05/18/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2420090
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane		111 %	50-200	05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420159
Chloride	ND	20.0	1	05/16/24	05/17/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 4:22:33PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420025-BLK1) Prepared: 05/13/24 Analyzed: 05/18/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2420025-BS1) Prepared: 05/13/24 Analyzed: 05/18/24

Benzene	2.23	0.0250	2.50		89.0	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.5	70-130			
Toluene	2.41	0.0250	2.50		96.3	70-130			
o-Xylene	2.49	0.0250	2.50		99.7	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.6	70-130			
Total Xylenes	7.42	0.0250	7.50		99.0	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2420025-MS1) Source: E405151-03 Prepared: 05/13/24 Analyzed: 05/18/24

Benzene	2.26	0.0250	2.50	ND	90.2	48-131			
Ethylbenzene	2.46	0.0250	2.50	ND	98.6	45-135			
Toluene	2.45	0.0250	2.50	ND	97.9	48-130			
o-Xylene	2.58	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.13	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.71	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.563		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike Dup (2420025-MSD1) Source: E405151-03 Prepared: 05/13/24 Analyzed: 05/18/24

Benzene	2.23	0.0250	2.50	ND	89.3	48-131	1.05	23	
Ethylbenzene	2.42	0.0250	2.50	ND	96.9	45-135	1.76	27	
Toluene	2.41	0.0250	2.50	ND	96.4	48-130	1.59	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	0.563	27	
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135	0.0781	27	
Total Xylenes	7.69	0.0250	7.50	ND	103	43-135	0.240	27	
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  5/20/2024 4:22:33PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420025-BLK1) Prepared: 05/13/24 Analyzed: 05/18/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2420025-BS2) Prepared: 05/13/24 Analyzed: 05/18/24

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.571		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			

Matrix Spike (2420025-MS2) Source: E405151-03 Prepared: 05/13/24 Analyzed: 05/18/24

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike Dup (2420025-MSD2) Source: E405151-03 Prepared: 05/13/24 Analyzed: 05/18/24

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	1.18	20	
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 4:22:33PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420090-BLK1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	50-200			

LCS (2420090-BS1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS Dup (2420090-BSD1)					Prepared: 05/15/24 Analyzed: 05/19/24				
Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132	7.02	20	
Surrogate: n-Nonane	54.7		50.0		109	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 4:22:33PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420159-BLK1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	ND	20.0							
LCS (2420159-BS1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	256	20.0	250		102	90-110			
LCS Dup (2420159-BSD1)					Prepared: 05/16/24 Analyzed: 05/17/24				
Chloride	256	20.0	250		102	90-110	0.144	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 16:22

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.







**envirotech**



Project Information

Chain of Custody

Page 69 of     

Client: **Pima Environmental Services**  
Project: **Tomb Raider H2 Fed. 62 H**  
Project Manager: **Glo Gomez**  
Address: **5614 N. Lovington Hwy.**  
City, State, Zip: **Hobbs, NM, 88240**  
Phone: **806-782-1151**  
Email: **glo@pimaoil.com**  
Report due by:

Bill To  
Attention: **Devon**  
Address:   
City, State, Zip:   
Phone:   
Email:   
Pima Project # **134-2**

LAB USE ONLY		TAT			EPA Program		
405151	01053-007	1D	2D	3D	Standard	CWA	SDWA
Analysis and Method					RCRA		
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State	
						NM	CO
						UT	AZ
						TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:50	5/8	S		S9-3'	11							X		
12:55				S9-4'	12									
1:16				S9-5'	13									
1:20				S9-6'	14									
1:25				S10-1'	15									
1:33				S10-2'	16									
1:40				S10-3'	17									
1:45				S10-4'	18									
1:55				S10-5'	19									
2:06				S10-6'	20									

Additional Instructions: **B#21164184**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <i>Kerrime A.</i>	Date 5/9/24	Time 2:00	Received by: (Signature) <i>Michelle Gonzales</i>	Date 5-9-24	Time 1400	Lab Use Only Received on ice: <u>Y</u> / <u>N</u> T1 <u>    </u> T2 <u>    </u> T3 <u>    </u> AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 5-9-24	Time 1830	Received by: (Signature) <i>J.H.</i>	Date 5-9-24	Time 1830	
Relinquished by: (Signature) <i>J.H.</i>	Date 5-9-24	Time 2400	Received by: (Signature) <i>Kerrime A.</i>	Date 5-10-24	Time 0500	

Sample Matrix: **S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other** Container Type: **g - glass, p - poly/plastic, ag - amber glass, v - VOA**

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





## Envirotech Analytical Laboratory

Printed: 5/14/2024 3:04:18PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/24 05:00	Work Order ID:	E405151
Phone:	(575) 631-6977	Date Logged In:	05/09/24 16:52	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Fed. 62 H

Work Order: E405152

Job Number: 01058-0007

Received: 5/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/20/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 5/20/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Fed. 62 H  
Workorder: E405152  
Date Received: 5/10/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2024 5:00:00AM, under the Project Name: Tomb Raider 1-12 Fed. 62 H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Fed. 62 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S11-1'	6
S11-2'	7
S11-3'	8
S11-4'	9
S11-5'	10
S11-6'	11
S12-1'	12
S12-2'	13
S12-3'	14
S12-4'	15
S12-5'	16
S12-6'	17
SW1	18
SW2	19
SW3	20
SW4	21
SW5	22
SW6	23
SW7	24
SW8	25



Table of Contents (continued)

SW9	26
SW10	27
BG1	28
QC Summary Data	29
QC - Volatile Organic Compounds by EPA 8260B	29
QC - Volatile Organics by EPA 8021B	30
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 12:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11-1'	E405152-01A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S11-2'	E405152-02A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S11-3'	E405152-03A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S11-4'	E405152-04A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S11-5'	E405152-05A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S11-6'	E405152-06A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-1'	E405152-07A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-2'	E405152-08A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-3'	E405152-09A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-4'	E405152-10A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-5'	E405152-11A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S12-6'	E405152-12A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW1	E405152-13A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW2	E405152-14A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW3	E405152-15A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW4	E405152-16A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW5	E405152-17A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW6	E405152-18A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW7	E405152-19A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW8	E405152-20A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW9	E405152-21A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW10	E405152-22A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
BG1	E405152-23A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

**S11-1'**  
**E405152-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
<i>Surrogate: n-Nonane</i>		99.2 %	50-200	05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	78.0	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

S11-2'

E405152-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420026
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420026
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420091
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420162
Chloride	57.5	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11-3'

E405152-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane	101 %	50-200		05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	45.2	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

S11-4'

E405152-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420026
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420026
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420091
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420162
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11-5'

E405152-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.9 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
Surrogate: n-Nonane	113 %	50-200		05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11-6'

E405152-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/18/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		05/15/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-1'

E405152-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	167	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-2'

E405152-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	99.9 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	294	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

S12-3'

E405152-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-4'

E405152-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

S12-5'

E405152-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-6'

E405152-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: 4-Bromochlorobenzene-PID	94.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane	105 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW1

## E405152-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E405152-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	86.4 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW3

## E405152-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW4

## E405152-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW5

## E405152-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported: 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW6

E405152-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
Surrogate: n-Nonane	106 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW7

E405152-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW8

## E405152-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Benzene	ND	0.0250	1	05/13/24	05/17/24	
Ethylbenzene	ND	0.0250	1	05/13/24	05/17/24	
Toluene	ND	0.0250	1	05/13/24	05/17/24	
o-Xylene	ND	0.0250	1	05/13/24	05/17/24	
p,m-Xylene	ND	0.0500	1	05/13/24	05/17/24	
Total Xylenes	ND	0.0250	1	05/13/24	05/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2420026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/24	05/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		05/13/24	05/17/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420091	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/24	05/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/24	05/19/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		05/15/24	05/19/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420162	
Chloride	ND	20.0	1	05/17/24	05/18/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	<b>Reported:</b> 5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW9

E405152-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	89.4 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	102 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	89.4 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	102 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	105 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420124
Chloride	ND	20.0	1	05/15/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## SW10

## E405152-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	100 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	100 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	105 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420124
Chloride	ND	20.0	1	05/15/24	05/17/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Fed. 62 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 12:24:47PM

## BG1

## E405152-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	88.9 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2419197
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	88.9 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	104 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420124
Chloride	ND	20.0	1	05/15/24	05/17/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419197-BLK1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS (2419197-BS1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	2.49	0.0250	2.50		99.7	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130			
Toluene	2.49	0.0250	2.50		99.4	70-130			
o-Xylene	2.36	0.0250	2.50		94.3	70-130			
p,m-Xylene	4.76	0.0500	5.00		95.2	70-130			
Total Xylenes	7.12	0.0250	7.50		94.9	70-130			
Surrogate: Bromofluorobenzene	0.473		0.500		94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

LCS Dup (2419197-BSD1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	2.54	0.0250	2.50		102	70-130	2.08	23	
Ethylbenzene	2.37	0.0250	2.50		94.7	70-130	0.806	27	
Toluene	2.51	0.0250	2.50		100	70-130	0.841	24	
o-Xylene	2.40	0.0250	2.50		96.1	70-130	1.81	27	
p,m-Xylene	4.87	0.0500	5.00		97.4	70-130	2.27	27	
Total Xylenes	7.27	0.0250	7.50		97.0	70-130	2.12	27	
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420026-BLK1) Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			

LCS (2420026-BS1) Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.4	70-130			
Toluene	4.88	0.0250	5.00		97.6	70-130			
o-Xylene	4.80	0.0250	5.00		96.0	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

Matrix Spike (2420026-MS1) Source: E405152-07 Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	5.03	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133			
Toluene	4.98	0.0250	5.00	ND	99.7	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			

Matrix Spike Dup (2420026-MSD1) Source: E405152-07 Prepared: 05/13/24 Analyzed: 05/17/24

Benzene	5.07	0.0250	5.00	ND	101	54-133	0.841	20	
Ethylbenzene	4.95	0.0250	5.00	ND	98.9	61-133	0.984	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	0.909	20	
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131	1.12	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	0.851	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131	0.938	20	
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:  5/20/2024 12:24:47PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419197-BLK1)

Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS (2419197-BS2)

Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.1	70-130			
Surrogate: Bromofluorobenzene	0.460		0.500		91.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2419197-BSD2)

Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	40.7	20.0	50.0		81.3	70-130	2.18	20	
Surrogate: Bromofluorobenzene	0.461		0.500		92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420026-BLK1) Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

LCS (2420026-BS2) Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.2	70-130			

Matrix Spike (2420026-MS2) Source: E405152-07 Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.8	70-130			

Matrix Spike Dup (2420026-MSD2) Source: E405152-07 Prepared: 05/13/24 Analyzed: 05/17/24

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	2.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420077-BLK1)					Prepared: 05/14/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS (2420077-BS1)					Prepared: 05/14/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	56.3		50.0		113	50-200			

LCS Dup (2420077-BSD1)					Prepared: 05/14/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132	0.838	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420091-BLK1)					Prepared: 05/15/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	50-200			

LCS (2420091-BS1)					Prepared: 05/15/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS Dup (2420091-BSD1)					Prepared: 05/15/24 Analyzed: 05/18/24				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132	0.725	20	
Surrogate: n-Nonane	57.7		50.0		115	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420124-BLK1)					Prepared: 05/15/24 Analyzed: 05/16/24				
Chloride	ND	20.0							
LCS (2420124-BS1)					Prepared: 05/15/24 Analyzed: 05/16/24				
Chloride	256	20.0	250		103	90-110			
LCS Dup (2420124-BSD1)					Prepared: 05/15/24 Analyzed: 05/17/24				
Chloride	255	20.0	250		102	90-110	0.693	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 12:24:47PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420162-BLK1)					Prepared: 05/17/24 Analyzed: 05/18/24				
Chloride	ND	20.0							
LCS (2420162-BS1)					Prepared: 05/17/24 Analyzed: 05/18/24				
Chloride	256	20.0	250		102	90-110			
LCS Dup (2420162-BSD1)					Prepared: 05/17/24 Analyzed: 05/18/24				
Chloride	256	20.0	250		102	90-110	0.0664	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Fed. 62 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 12:24

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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









## Project Information

## Chain of Custody

Page 8 of 9

<b>Client:</b> Pima Environmental Services <b>Project:</b> Tomb Raider 1-12 Fed. 62 H <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5814 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 134-2					<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOR NM BGDOR TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA															
<b>Time Sampled</b> 3:20 3:26 3:30 3:36 3:41 3:44 3:51 3:56 4:00 4:07					<b>Date Sampled</b> 5/8                 					<b>Matrix</b> S               					<b>No. of Containers</b>                 					<b>Sample ID</b> S12-S1 S12-61 SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8					<b>Lab Number</b> 11 12 13 14 15 16 17 18 19 20					<b>Remarks</b> X               				
<b>Additional Instructions:</b> B# 21164184																																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
<b>Relinquished by: (Signature)</b> Karime Adame					<b>Date</b> 5/9/24					<b>Time</b> 2:00					<b>Received by: (Signature)</b> Michelle Gonzales					<b>Date</b> 5-9-24					<b>Time</b> 1400									
<b>Relinquished by: (Signature)</b> Michelle Gonzales					<b>Date</b> 5-9-24					<b>Time</b> 1830					<b>Received by: (Signature)</b> L.M.					<b>Date</b> 5-9-24					<b>Time</b> 1830									
<b>Relinquished by: (Signature)</b> L.M.					<b>Date</b> 5-9-24					<b>Time</b> 2400					<b>Received by: (Signature)</b> Karime Adame					<b>Date</b> 5-10-24					<b>Time</b> 0500									
<b>Sample Matrix:</b> S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				<b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA														
<b>Note:</b> Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																		







## Envirotech Analytical Laboratory

Printed: 5/14/2024 3:08:23PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/24 05:00	Work Order ID:	E405152
Phone:	(575) 631-6977	Date Logged In:	05/09/24 17:00	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (4 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
  2. Does the number of samples per sampling site location match the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Project Tomb Raider 1-12 Fed 62 H has been separated into multiple Workorders due to high sample volume. WO are as follows: E405149, 405150, 405151, 405152. No. of containers is not documented on COC by client

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

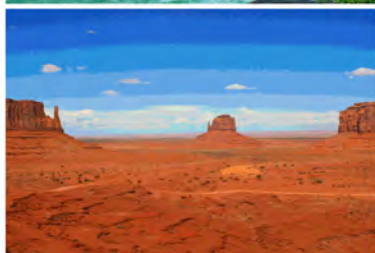
Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Federal #062H

Work Order: E405210

Job Number: 01058-0007

Received: 5/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/17/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 5/17/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Federal #062H  
Workorder: E405210  
Date Received: 5/16/2024 12:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2024 12:00:00AM, under the Project Name: Tomb Raider 1-12 Federal #062H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Federal #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS21	5
CS22	6
CS23	7
CS24	8
CSW1	9
CSW2	10
CSW3	11
CSW4	12
CSW5	13
CSW6	14
CSW7	15
QC Summary Data	16
QC - Volatile Organic Compounds by EPA 8260B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21



Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/17/24 18:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21	E405210-01A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS22	E405210-02A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS23	E405210-03A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS24	E405210-04A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW1	E405210-05A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW2	E405210-06A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW3	E405210-07A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW4	E405210-08A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW5	E405210-09A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW6	E405210-10A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CSW7	E405210-11A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CS21

## E405210-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		107 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		107 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	93.0	25.0	1	05/16/24	05/17/24	
Oil Range Organics (C28-C36)	58.4	50.0	1	05/16/24	05/17/24	
Surrogate: n-Nonane		98.1 %	50-200	05/16/24	05/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	33.8	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CS22

## E405210-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		108 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		108 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	118	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane		109 %	50-200	05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	40.0	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CS23

## E405210-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		87.7 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		107 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		87.7 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		107 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	258	50.0	2	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	148	100	2	05/16/24	05/16/24	
Surrogate: n-Nonane		102 %	50-200	05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	44.3	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CS24

## E405210-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	96.7 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	97.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	96.7 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	97.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	98.8	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	106 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	34.8	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CSW1

## E405210-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.4 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.4 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	104 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:06:41PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW2

E405210-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	95.6 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	95.6 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	104 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:06:41PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW3

E405210-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	104 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:06:41PM

## CSW4

## E405210-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		96.0 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/24	05/16/24	
Surrogate: Toluene-d8		96.0 %	70-130	05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane		103 %	50-200	05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:06:41PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW5

E405210-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	100 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:06:41PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW6

E405210-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	102 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported: 5/17/2024 6:06:41PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW7

E405210-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420130
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		05/16/24	05/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		05/16/24	05/16/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420129
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	105 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420143
Chloride	ND	20.0	1	05/16/24	05/16/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:06:41PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420130-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS (2420130-BS1) Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	2.19	0.0250	2.50		87.7	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.3	70-130			
Toluene	2.38	0.0250	2.50		95.2	70-130			
o-Xylene	2.50	0.0250	2.50		100	70-130			
p,m-Xylene	5.01	0.0500	5.00		100	70-130			
Total Xylenes	7.51	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.3	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2420130-MS1) Source: E405208-04 Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	2.26	0.0250	2.50	ND	90.3	48-131			
Ethylbenzene	2.51	0.0250	2.50	ND	101	45-135			
Toluene	2.52	0.0250	2.50	0.0530	98.8	48-130			
o-Xylene	2.65	0.0250	2.50	0.0440	104	43-135			
p,m-Xylene	5.41	0.0500	5.00	0.214	104	43-135			
Total Xylenes	8.06	0.0250	7.50	0.258	104	43-135			
Surrogate: Bromofluorobenzene	0.566		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Matrix Spike Dup (2420130-MSD1) Source: E405208-04 Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	2.35	0.0250	2.50	ND	93.8	48-131	3.82	23	
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135	2.98	27	
Toluene	2.62	0.0250	2.50	0.0530	102	48-130	3.56	24	
o-Xylene	2.82	0.0250	2.50	0.0440	111	43-135	5.92	27	
p,m-Xylene	5.73	0.0500	5.00	0.214	110	43-135	5.77	27	
Total Xylenes	8.55	0.0250	7.50	0.258	111	43-135	5.82	27	
Surrogate: Bromofluorobenzene	0.571		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:06:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420130-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS (2420130-BS2) Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.575		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

Matrix Spike (2420130-MS2) Source: E405208-04 Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	69.9	20.0	50.0	ND	140	70-130			M6
Surrogate: Bromofluorobenzene	0.575		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.7	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike Dup (2420130-MSD2) Source: E405208-04 Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	70.6	20.0	50.0	ND	141	70-130	1.02	20	M6
Surrogate: Bromofluorobenzene	0.569		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:06:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420129-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS (2420129-BS1) Prepared: 05/16/24 Analyzed: 05/17/24

Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS Dup (2420129-BSD1) Prepared: 05/16/24 Analyzed: 05/17/24

Diesel Range Organics (C10-C28)	299	25.0	250		120	38-132	3.85	20	
Surrogate: n-Nonane	51.5		50.0		103	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:06:41PM

Anions by EPA 300.0/9056A

Analyst:

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420143-BLK1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	ND	20.0							
LCS (2420143-BS1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2420143-BSD1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	252	20.0	250		101	90-110	0.0270	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/17/24 18:06

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





## Project Information

## Chain of Custody

Page 3 of 4

E405210 01058-0007

Client: Pima Environmental Services  
 Project: Tomb Raider H-12 Federal #062H  
 Project Manager: Glo Gomez  
 Address: 5814 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 800-782-1151  
 Email: glo@pimaenv.com  
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 134-2

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Analysis and Method										TAT		EPA Program		Remarks
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0					1D	2D	3D	Standard	
10:36	5/9	S	1	CS21	1															
10:43			1	CS22	2															
10:50				CS23	3															
11:06				CS24	4															
11:15				CSW1	5															
11:21				CSW2	6															
11:33				CSW3	7															
11:46				CSW4	8															
11:50				CSW5	9															
12:09				CSW6	10															

## Additional Instructions:

BH 21164/84

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

Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only	
<u>Karim</u>	5-15-24	1215	<u>[Signature]</u>	5-15-24	1215	Received on Ice:	<u>Y</u> N
<u>[Signature]</u>	5-15-24	1700	<u>[Signature]</u>	5-15-24	1800	T1	T2 T3
<u>[Signature]</u>	5-15-24	2400	<u>[Signature]</u>	5/16/24	930	AVG Temp °C	<u>4</u>

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

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

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









## Envirotech Analytical Laboratory

Printed: 5/16/2024 1:08:04PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/16/24 00:00	Work Order ID:	E405210
Phone:	(575) 631-6977	Date Logged In:	05/15/24 17:54	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Tomb Raider 1-12 Federal #062H has been separated in to multiple workorders due to high sample volume. WO are as follows: E405209 and E405210.

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

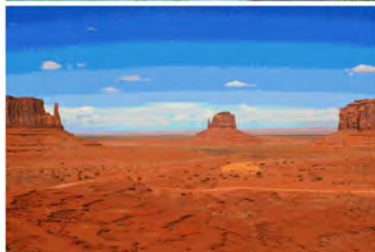
Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Tomb Raider 1-12 Federal #062H

Work Order: E405209

Job Number: 01058-0007

Received: 5/16/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/17/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/17/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Tomb Raider 1-12 Federal #062H  
Workorder: E405209  
Date Received: 5/16/2024 12:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2024 12:00:00AM, under the Project Name: Tomb Raider 1-12 Federal #062H.

The analytical test results summarized in this report with the Project Name: Tomb Raider 1-12 Federal #062H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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**Southern New Mexico Area**

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1	6
CS2	7
CS3	8
CS4	9
CS5	10
CS6	11
CS7	12
CS8	13
CS9	14
CS10	15
CS11	16
CS12	17
CS13	18
CS14	19
CS15	20
CS16	21
CS17	22
CS18	23
CS19	24
CS20	25



Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/17/24 18:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E405209-01A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS2	E405209-02A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS3	E405209-03A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS4	E405209-04A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS5	E405209-05A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS6	E405209-06A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS7	E405209-07A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS8	E405209-08A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS9	E405209-09A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS10	E405209-10A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS11	E405209-11A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS12	E405209-12A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS13	E405209-13A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS14	E405209-14A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS15	E405209-15A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS16	E405209-16A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS17	E405209-17A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS18	E405209-18A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS19	E405209-19A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.
CS20	E405209-20A	Soil	05/09/24	05/16/24	Glass Jar, 2 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:51:29PM

## CS1

## E405209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.8 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	114	25.0	1	05/16/24	05/17/24	
Oil Range Organics (C28-C36)	140	50.0	1	05/16/24	05/17/24	
<i>Surrogate: n-Nonane</i>	120 %	50-200		05/16/24	05/17/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	29.4	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2

E405209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	96.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	115	25.0	1	05/16/24	05/17/24	
Oil Range Organics (C28-C36)	123	50.0	1	05/16/24	05/17/24	
Surrogate: n-Nonane	126 %	50-200		05/16/24	05/17/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	32.2	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3

E405209-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	92.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	40.4	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	115 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	33.9	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS4

E405209-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	199	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	119	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	94.4 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	34.6	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5  
E405209-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	105	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	107 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	45.1	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:51:29PM

## CS6

## E405209-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420127
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420127
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420128
Diesel Range Organics (C10-C28)	111	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	63.4	50.0	1	05/16/24	05/16/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420142
Chloride	36.6	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:51:29PM

CS7

E405209-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420127
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2420127
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2420128
Diesel Range Organics (C10-C28)	96.6	25.0	1	05/16/24	05/17/24	
Oil Range Organics (C28-C36)	93.7	50.0	1	05/16/24	05/17/24	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		05/16/24	05/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2420142
Chloride	27.3	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS8

E405209-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.8 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	203	50.0	2	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	105	100	2	05/16/24	05/16/24	
Surrogate: n-Nonane	111 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	35.1	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS9

E405209-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	93.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.3 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	98.9	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	118 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	51.0	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS10

E405209-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	91.7 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	33.8	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	115 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	79.4	20.0	1	05/16/24	05/16/24	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Tomb Raider 1-12 Federal #062H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/17/2024 6:51:29PM

## CS11

## E405209-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	51.7	25.0	1	05/16/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/17/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		05/16/24	05/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	32.2	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS12

E405209-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	96.4 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	102 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	22.9	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13

E405209-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	96.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	118	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	66.0	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	106 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	40.5	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS14

E405209-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	48.1	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	105 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	32.0	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS15

E405209-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	72.8	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	109 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	70.0	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS16

E405209-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	172	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	83.7	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	102 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2420142	
Chloride	40.7	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS17

E405209-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	136	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	63.2	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	101 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	44.7	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS18

E405209-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	73.4	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	99.7 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	34.7	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS19

E405209-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	98.5 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	101	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	103 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	46.6	20.0	1	05/16/24	05/16/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	<b>Reported:</b> 5/17/2024 6:51:29PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS20

E405209-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Benzene	ND	0.0250	1	05/16/24	05/16/24	
Ethylbenzene	ND	0.0250	1	05/16/24	05/16/24	
Toluene	ND	0.0250	1	05/16/24	05/16/24	
o-Xylene	ND	0.0250	1	05/16/24	05/16/24	
p,m-Xylene	ND	0.0500	1	05/16/24	05/16/24	
Total Xylenes	ND	0.0250	1	05/16/24	05/16/24	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2420127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/24	05/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	111 %	70-130		05/16/24	05/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2420128	
Diesel Range Organics (C10-C28)	67.5	25.0	1	05/16/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/24	05/16/24	
Surrogate: n-Nonane	101 %	50-200		05/16/24	05/16/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2420142	
Chloride	35.2	20.0	1	05/16/24	05/16/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:51:29PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420127-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

LCS (2420127-BS1) Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.88	0.0250	5.00		97.5	70-130			
o-Xylene	4.80	0.0250	5.00		96.0	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.6	70-130			

Matrix Spike (2420127-MS1) Source: E405209-04 Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	5.01	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	61-133			
Toluene	4.96	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			

Matrix Spike Dup (2420127-MSD1) Source: E405209-04 Prepared: 05/16/24 Analyzed: 05/16/24

Benzene	4.98	0.0250	5.00	ND	99.6	54-133	0.692	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133	0.751	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	0.637	20	
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131	0.735	20	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	0.755	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131	0.748	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:51:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420127-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			

LCS (2420127-BS2) Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

Matrix Spike (2420127-MS2) Source: E405209-04 Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike Dup (2420127-MSD2) Source: E405209-04 Prepared: 05/16/24 Analyzed: 05/16/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	1.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:51:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420128-BLK1) Prepared: 05/16/24 Analyzed: 05/16/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.7		50.0		121	50-200			

LCS (2420128-BS1) Prepared: 05/16/24 Analyzed: 05/16/24

Diesel Range Organics (C10-C28)	315	25.0	250		126	38-132			
Surrogate: n-Nonane	58.6		50.0		117	50-200			

LCS Dup (2420128-BSD1) Prepared: 05/16/24 Analyzed: 05/16/24

Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132	2.50	20	
Surrogate: n-Nonane	58.7		50.0		117	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/17/2024 6:51:29PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2420142-BLK1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	ND	20.0							
LCS (2420142-BS1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	250	20.0	250		99.8	90-110			
LCS Dup (2420142-BSD1)					Prepared: 05/16/24 Analyzed: 05/16/24				
Chloride	249	20.0	250		99.5	90-110	0.319	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Tomb Raider 1-12 Federal #062H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/17/24 18:51

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





## Project Information

## Chain of Custody

Page 1 of 4

Client: Pima Environmental Services  
 Project: Tomb Raider 1-12 Federal #0619  
 Project Manager: Glo Gomez  
 Address: 5814 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 800-782-1151  
 Email: glo@pimaenv.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1342

E405209 01058-0007

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DRD/CRO by 8015	GRD/DRD by 8015	BTEX by 8021	VOC by 8060	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	5/9	S	1	CS1							X		
8:07				CS2									
8:11				CS3									
8:18				CS4									
8:20				CS5									
8:25				CS6									
8:30				CS7									
8:37				CS8									
8:41				CS9									
8:53				CS10									

## Additional Instructions:

B# 21164184

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

Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime A.	5.15.24	1215	[Signature]	5.15.24	1215
[Signature]	5.15.24	1700	[Signature]	5.15.24	1800
[Signature]	5.15.24	2400	[Signature]	5.15.24	930

Lab Use Only

Received on ice: ☒ Y ☐ N

Avg Temp °C

4

Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory

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

Samples will be returned to client or disposed of at the client expense. The report for the analysis of the above is limited to the amount paid for on the report.

 **envirotech**



## Project Information

## Chain of Custody

Page 2 of 4

Client: Pima Environmental Services  
 Project: Tomb Raider 1-12 Federal #062H  
 Project Manager: Glo Gomez  
 Address: 5814 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 800-782-1151  
 Email: glo@pimesoil.com  
 Report due by: \_\_\_\_\_

Bill To

Attention: Devon

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Pima Project # 134-2

E405209 01058-0007

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/COAC	GRD/DRAC	BTEX by 82	VOC by 82	Metals 60	Chloride 30			SGDOC	SGDOC 1			Remarks
9:04	5/9	S	1	CS11	11									X				
9:12			1	CS12	12									/				
9:21				CS13	13									/				
9:33				CS14	14									/				
9:48				CS15	15									/				
9:56				CS16	16									/				
10:10				CS17	17									/				
10:19				CS18	18									/				
10:22				CS19	19									/				
10:29				CS20	20									/				

## Additional Instructions:

BH 21164184

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

Sampled by: \_\_\_\_\_

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

Relinquished by: (Signature) <u>Keipime Adams</u>	Date <u>5-15-24</u>	Time <u>1215</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-15-24</u>	Time <u>1215</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-15-24</u>	Time <u>1700</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-15-24</u>	Time <u>1800</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-15-24</u>	Time <u>2400</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5/16/24</u>	Time <u>930</u>

Received on ice: <u>Y/N</u>	
T1	T2
AVG Temp °C <u>4</u>	

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

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

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





## Envirotech Analytical Laboratory

Printed: 5/16/2024 1:07:16PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/16/24 00:00	Work Order ID:	E405209
Phone:	(575) 631-6977	Date Logged In:	05/15/24 17:51	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project Tomb Raider 1-12 Federal #062H has been separated in to multiple workorders due to high sample volume. WO are as follows: E405209 and E405210.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



**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**

QUESTIONS  
  
Action 348816

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348816
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1816327517
Incident Name	NAB1816327517 TOMB RAIDER 1 12 FEDERAL #062H @ 30-015-43889
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-43889] TOMB RAIDER 1 12 FEDERAL #062H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TOMB RAIDER 1 12 FEDERAL #062H
Date Release Discovered	05/15/2018
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error   Flow Line - Production   Crude Oil   Released: 8 BBL   Recovered: 1 BBL   Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Human Error   Flow Line - Production   [OBSOLETE] Natural Gas (Methane)   Released: 152 MCF   Recovered: 0 MCF   Lost: 152 MCF.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.



**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**

QUESTIONS, Page 2

Action 348816

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	348816
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dnv.com Date: 05/29/2024
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QUESTIONS, Page 3

Action 348816

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348816
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	294
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	406
GRO+DRO (EPA SW-846 Method 8015M)	258
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	05/09/2024
On what date will (or did) the final sampling or liner inspection occur	05/09/2024
On what date will (or was) the remediation complete(d)	05/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 4

Action 348816

**QUESTIONS (continued)**

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	Action Number:	348816
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Analytical results were under the regulatory limits for closure criteria per Table 1 19.15.29 NMAC.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 05/29/2024
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 5  
  
Action 348816

QUESTIONS (continued)

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	6137
	Action Number:
	348816
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No



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QUESTIONS, Page 6

Action 348816

**QUESTIONS (continued)**

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	Action Number:	348816
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	343642
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/09/2024
What was the (estimated) number of samples that were to be gathered	31
What was the sampling surface area in square feet	4634

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Analytical results were again under the regulatory limits for closure criteria per Table 1 19.15.29 NMAC.

*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 (in .pdf format) 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.*

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 05/29/2024
--	--



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QUESTIONS, Page 7  
  
Action 348816

QUESTIONS (continued)

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	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No



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CONDITIONS

Action 348816

CONDITIONS

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	Action Number: 348816
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAB1816327517 TOMB RAIDER 1 12 FEDERAL #062H, thank you. This Remediation Closure Report is approved.	6/3/2024