Page 1 of 129

Incident ID	nAPP2309131946
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	51-100' (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🛣 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🛣 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.
——————————————————————————————————————	

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

Received by OCD: 6/30/2023 1:48:54 PM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

	Page 2 of 12	29
Incident ID	nAPP2309131946	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Environmental Professional Dale Woodall Printed Name: Signature: Dals Woodall Date: 6/30/2023 email: dale.woodall@dvn.com Telephone: 575-748-1839 **OCD Only** Received by: Shelly Wells Date: 6/30/2023

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Incident ID	nAPP2309131946
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Application ID	

Closure

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

Closure Report Attachn	nent Checklist: Each of the following i	items must be in	ncluded in the closure report.
X A scaled site and sam	upling diagram as described in 19.15.29.1	11 NMAC	
x Photographs of the remust be notified 2 days p		of the liner into	regrity if applicable (Note: appropriate OCD District office
X Laboratory analyses	of final sampling (Note: appropriate ODG	C District office	e must be notified 2 days prior to final sampling)
☑ Description of remed	iation activities		
may endanger public health should their operations have human health or the enviro compliance with any other restore, reclaim, and re-veg	h or the environment. The acceptance of we failed to adequately investigate and remember. In addition, OCD acceptance of federal, state, or local laws and/or regular getate the impacted surface area to the color NMAC including notification to the Colodal	Fa C-141 report mediate contam a C-141 report ations. The responditions that ex OCD when recla	nvironmental Professional
email:dale.woodall@d	lvn.com	Telephone:	575-748-1839
OCD Only			
Received by: Shelly Wel	ls	Date:	6/30/2023
remediate contamination the party of compliance with a	nat poses a threat to groundwater, surface my other federal, state, or local laws and/	water, human h	uld their operations have failed to adequately investigate and lealth, or the environment nor does not relieve the responsible
Closure Approved by:	Nelson Velez	Date	e: <u>09/22/2023</u>
Printed Name:	Nelson Velez	Title	e: _ Environmental Specialist - Adv



Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

June 30, 2023

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

Re: Site Assessment and Closure Report

Jayhawk 7 CTB 3 API No. N/A

GPS: Latitude 32.054538 Longitude -103.506094

UL -- J, 7, T26S, R34 Lea County, NM

NMOCD Ref. No. NAPP2309131946

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, and submit this closure report for a produced water release that occurred at the Jayhawk 7 CTB 3 (Jayhawk). The initial C-141 was submitted on April 13, 2023 (Appendix C). This incident was assigned Incident ID NAPP2309131946 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Jayhawk is located approximately eighteen (18) miles southwest of Jal, NM. This spill site is in Unit J, Section 7, Township 26S, Range 34E, Latitude 32.054538 Longitude -103.506094, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. The soil in this area is made up of Berino-Cacique association, hummocky and 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Jayhawk (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 200 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 175 feet BGS. The closest waterway is Red Bluff Reservoir located approximately 25.69 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29										
Depth to Groundwater	Constituent & Limits									
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene					
<50′	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg					
51-100′	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2309131946: On March 30, 2023, a leak developed on a water line, causing fluid to be released on the pad. The released fluids were calculated to be approximately 7.6 barrels (bbls) of produced water. A vacuum truck was able to recover 3 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On April 11, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

4/11/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')									
			DEVON ENE						
	Sample	Date: 4/11/	/2023	NN	/I Approved	Laboratory	Results		
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI	
	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
	1'	ND	ND	ND	ND	ND	0	406	
S-1	2' 3'	ND	ND	ND	37.2	ND	37.2	130	
	4'	ND ND	ND ND	ND ND	ND ND	ND ND	0	23.1	
	1'	ND	ND	ND	ND	ND	0	404	
	2'	ND	ND	ND	37.2	ND	37.2	135	
S-2	3'	ND	ND	ND	ND	ND	0	22	
	4'	ND	ND	ND	ND	ND	0	21.6	
	1'	ND	ND	ND	ND	ND	0	408	
S-3	2'	ND	ND	ND	31.6	ND	31.6	139	
5-5	3'	ND	ND	ND	ND	ND	0	22.9	
	4'	ND	ND	ND	ND	ND	0	20.6	
	1'	ND	ND	ND	ND	ND	0	435	
S-4	2'	ND	ND	ND	33.3	ND	33.3	131	
-	3'	ND	ND	ND	ND	ND	0	26.5	
	4'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	470	
S-5	2'	ND	ND	ND	33.5	ND	33.5	148	
	3'	ND	ND	ND	ND	ND	0	23.6	
	4'	ND	ND	ND	ND	ND	0	20.8	
	1'	ND	ND	ND	ND	ND	0	465	
S-6	2'	ND	ND	ND	ND	ND	0	140	
	3'	ND	ND	ND	ND	ND	0	24.6	
	4'	ND	ND	ND	ND	ND	0	24.2	
S-7	1' 2'	ND	ND	ND	ND 25.6	ND	0	471	
	3'	ND ND	ND ND	ND ND	25.6 ND	ND ND	25.6 0	135 ND	
	4'	ND	ND	ND ND	ND	ND	0	25.2	
	1'	ND	ND	ND	ND	ND	0	477	
	2'	ND	ND	ND	ND	ND	0	131	
S-8	3'	ND	ND	ND	ND	ND	0	21.7	
	4'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	452	
	2'	ND	ND	ND	26.8	ND	26.8	135	
S-9	3'	ND	ND	ND	ND	ND	0	24.5	
	4'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	414	
	2'	ND	ND	ND	ND	ND	0	137	
S-10	3'	ND	ND	ND	ND	ND	0	25.4	
	4'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	483	
	2'	ND	ND	ND	27.7	ND	27.7	127	
S-11	3'	ND	ND	ND	ND	ND	0	27.2	
	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	
SW 8	6"	ND	ND	ND	ND	ND	0	ND	
SW 9	6"	ND	ND	ND	ND	ND	0	ND	
BG 1	6"	ND	ND	ND	ND	ND	0	ND	

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Remediation Activities

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, Devon Construction Department will schedule personnel and equipment to conduct a scrape and remove any surface staining. No further remediation activities are required at this time.

Closure Request

After careful review, Pima requests that this incident, NAPP2309131946, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Project Manager

Pima Environmental Services,

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – C-141 Form

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



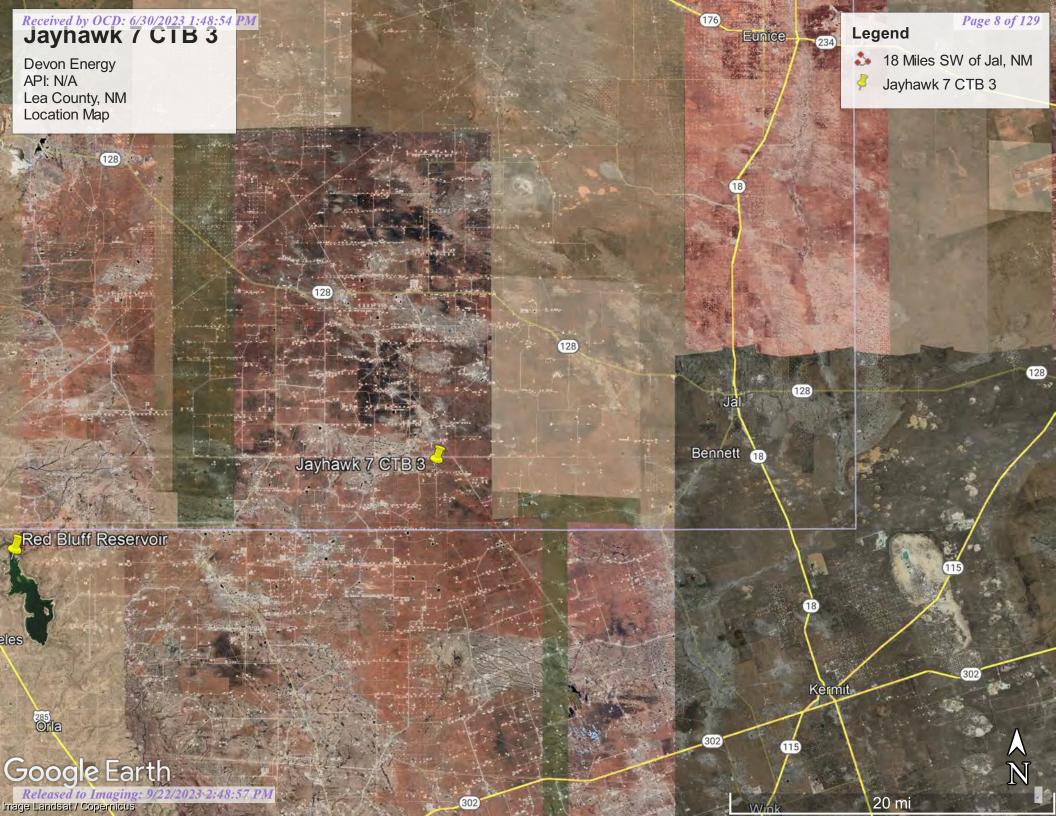
Figures:

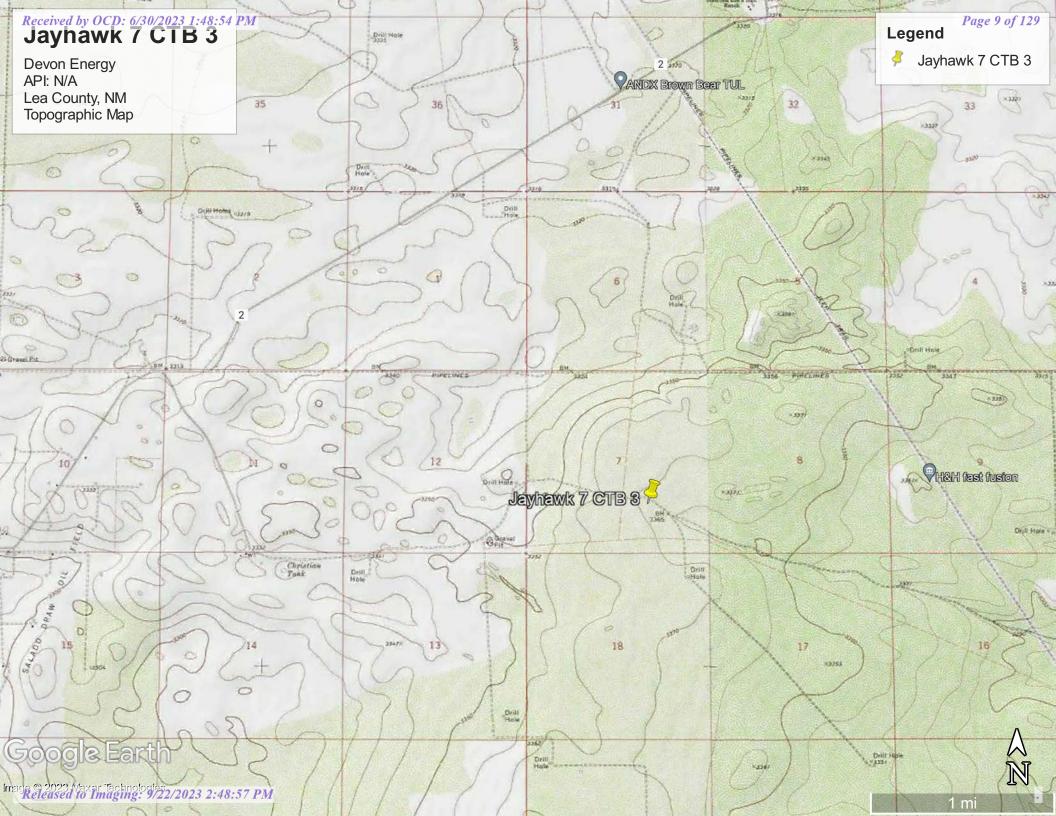
1-Location Map

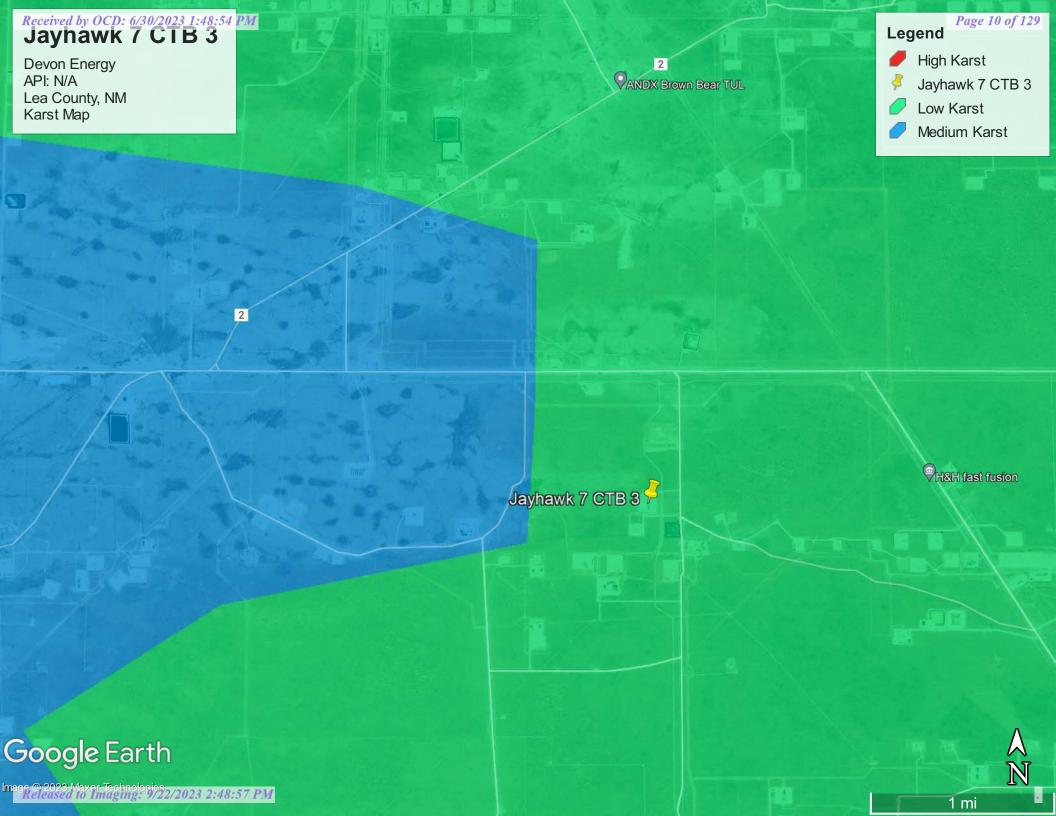
2-Topographic Map

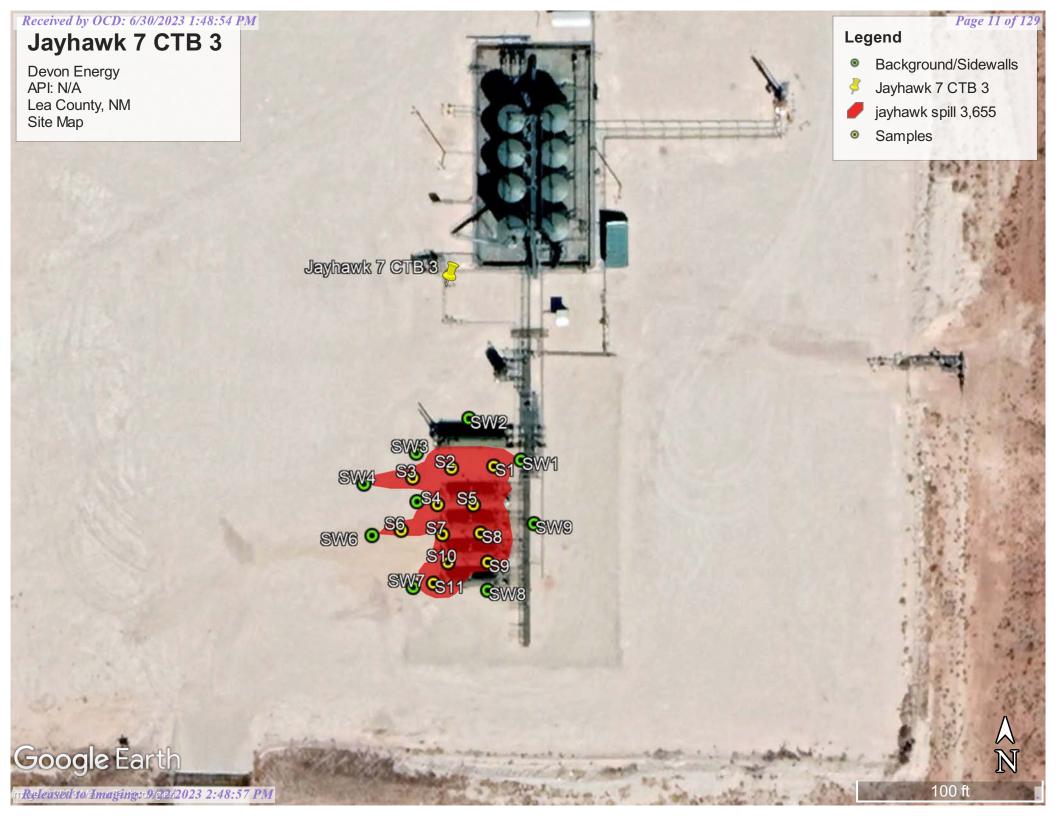
3-Karst Map

4-Site Map











Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

closed)

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

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

		POD													
		Sub-		_	Q	_									ater
POD Number	Code		County						_	X	Y	DistanceDep	othWellDept	hWater Col	umn
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	874			
<u>C 02295</u>		CUB	LE	2	2	4	12	26S	33E	639865	3547624	1177	250	200	50
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	2530	200	140	60
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	2571	251		
<u>C 03441 POD1</u>		C	LE	4	1	2	06	26S	34E	640971	3550039	2583	250		
<u>C 02291</u>		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	2690	220	160	60
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3358			
<u>C 02293</u>		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3562	200	135	65
<u>C 02294</u>		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3593	200	145	55
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	4291	55		
<u>C 02288</u>		CUB	LE	4	4	4	03	26S	33E	636646	3548758	4573	220	180	40
<u>C 02289</u>		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	4583	200	160	40
<u>C 02316</u>		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	4613	100	50	50
<u>C 02317</u>		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	4613	100	50	50
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	4633	220	220	0
<u>C 02290</u>		CUB	LE	4	4	4	03	26S	33E	636538	3548770	4680	200	160	40
<u>C 02286</u>		CUB	LE	3	4	4	03	26S	33E	636470	3548714	4731	220	175	45
<u>C 02287</u>		C	LE	3	4	4	03	26S	33E	636427	3548708	4770	220		
											Avera	ge Depth to Wat	er:	147 feet	

Average Depth to Water:

Minimum Depth:

50 feet

Maximum Depth:

220 feet

Record Count: 18

UTMNAD83 Radius Search (in meters):

Easting (X): 641030.48 **Northing (Y):** 3547456.89 Radius: 5000

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.

4/4/23 10:54 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

^{*}UTM location was derived from PLSS - see Help



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

site_no list =

320419103302201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320419103302201 26S.34E.06.21414

Available data for this site Groundwater: Field measurements GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 360 feet below land surface.

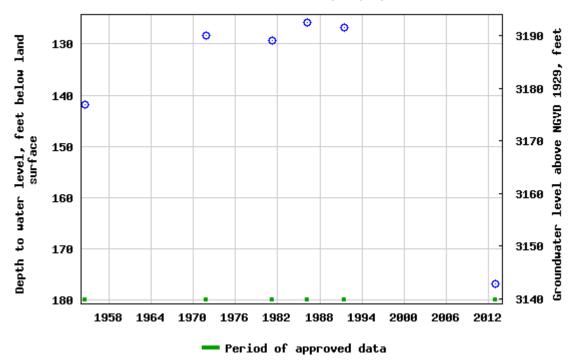
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

USGS 320419103302201 265.34E.06.21414



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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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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: <u>USGS Water Data Support Team</u>

Page Last Modified: 2023-04-04 12:51:44 EDT

0.59 0.5 nadww02





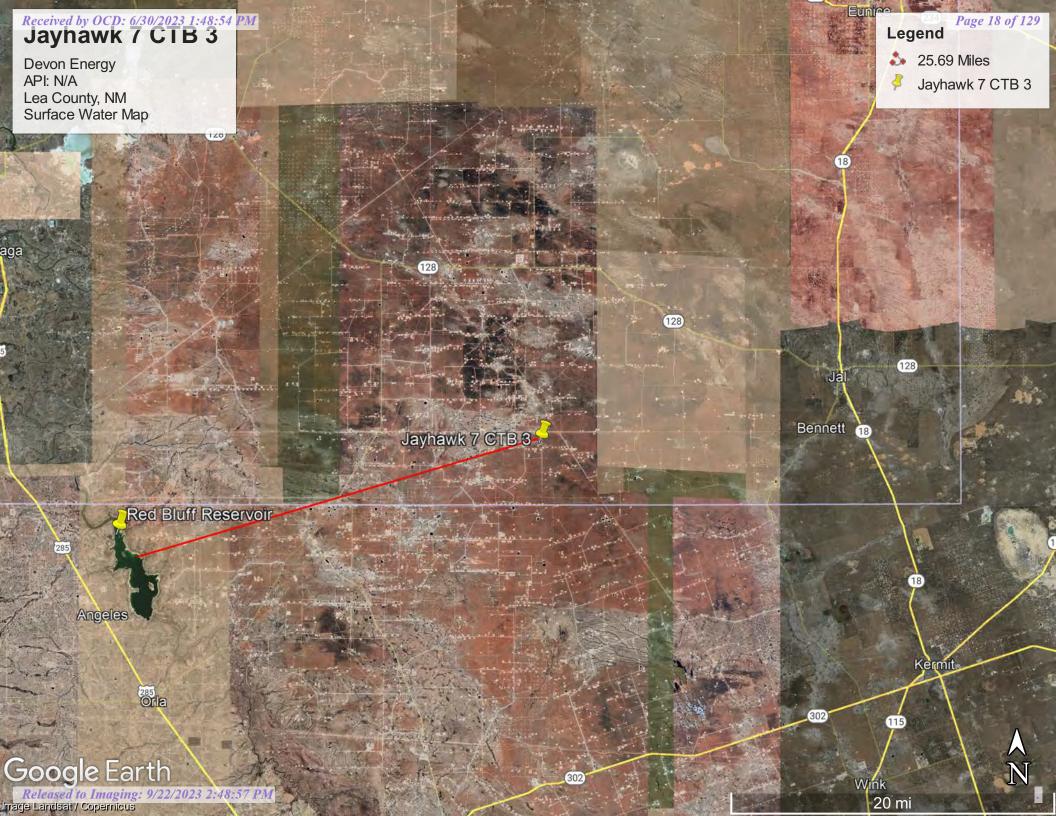
WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE POD NO. (W POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(C-4626						
WELL OWNER N Devon Energy					575-748-18:	The second secon					
WELL OWNER M 6488 7 Rivers		ADDRESS		CITY Artesia		STATE NM 88210	ZIP				
WELL LOCATION (FROM GPS)	LAT	DI	32 2 5	CONDS 51.06 N							
DESCRIPTION R	ELATIN	G WELL LOCATION TO 26S R34S NMPM	O STREET ADDRESS AND COMMON LANI	37.08 W DMARKS - PLS		State	RE AVAILABLE				
LICENSE NO.		NAME OF LICENSED				NAME OF WELL DRIL Atkins Engir	LING COMPANY neering Associates, I	nc.			
DRILLING STAR 6/9/2022	200	DRILLING ENDED 6/9/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well	1.00 10.00 10.00 10.00	LE DEPTH (FT) ±55	DEPTH WATER FIRST					
COMPLETED WI	ELL IS:	ARTESIAN	7 DRY HOLE SHALLOW (UN	(CONFINED)		WATER LEVEL PLETED WELL N/A	A DATE STATIC				
DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY: DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER SPECIEV: Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS											
DEPTH (fee	-	BORE HOLE DIAM	CASING MATERIAL AND/OR GRADE (include each casing string, and	ASING NECTION	CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE				
0	55	(inches) ±6.5	note sections of screen) Boring-HSA	(add coup	TYPE ling diameter)	(inches)	(inches)	(inches			
DEPTH (fee	t bgl)	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL M GRAVEL PACK SIZE-RAN			AMOUNT (cubic feet)	C. C	METHOD OF PLACEMENT			
							Uni.				
						03E 017 JUN	\16/2022≈3%	09.			
OSE INTERNA		1 202	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0 WELL RECORD &		8/2022)			
		6-704	POD NO.		WELL TAG II	1		1 OF 2			

	DEPTH (feet bgl)	No.	COLOR	AND TWIE OF M	ATERIAL EN	COLDITERED		111.5	ESTIMATED
	FROM	THICKNESS (feet) COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)							WATER BEARING? (YES/NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	Sand, Fir	ne-grained, poorly	graded, 2.5 Y	R 3/6, Dark Red		Y /N	
	4	9	5	Calic	he, with Fine-grain	ned sand, 7.5	YR 7/4, Pink		Y /N	
	9	14	5	Ca	liche, well consol	Y /N				
	14	39	25	Sand, Fine-grained	, poorly graded, w	Y ✓N				
	39	55	16	Sand, Fine-gra	ined, poorly grade	d, with Calich	e, 7.5 YR 75/6, Brow	vn	Y ✓N	
3									Y N	
4. HYDROGEOLOGIC LOG OF WELL									Y N	
40									Y N	
200									Y N	
3IC									Y N	
2									Y N	
GEO									Y N	
ORO									Y N	
HA									Y N	
4									Y N	
									Y N	
									Y N	
									Y N	
									Y N	
									Y N	
									Y N	
	METHOD U		Maria 1997	OF WATER-BEAR BAILER	ING STRATA: OTHER – SPECIF	FY:		2000	L ESTIMATED L YIELD (gpm):	0.00
Z	WELL TES	T TEST	RESULTS - ATT	ACH A COPY OF D	ATA COLLECTE SHOWING DISC	D DURING V	VELL TESTING, IN	CLUDIN/ER THE	G DISCHARGE	METHOD, OD.
5. TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	28	emporary well mate clow ground surface 3 ighting Okra 18 CT	e(ogs), then nyu	d soil boring rated bentoni	te chips ten feet by	gs to sur	ings from total of face.	
S. TEST	PRINT NAM			RVISOR(S) THAT P	ROVIDED ONSIT	E SUPERVIS	ION OF WELL CO	NSTRUC	TION OTHER T	HAN LICENSEE:
6. SIGNATURE	CORRECT I	RECORD O	OF THE ABOVE I	FIES THAT, TO THE DESCRIBED HOLE A 30 DAYS AFTER CO	AND THAT HE C	OR SHE WILL WELL DRILL	FILE THIS WELL			
		SIGNA	TURE OF DRILLE	ER / PRINT SIGNE	E NAME				DATE	
FOI	R OSE INTERI	NAL USE					WR-20 W	ELL REC	ORD & LOG (V	ersion 01/28/2022)
	ENO. C -	4102	16- PO	>1	POD NO.	1	TRN NO.	7	2617	/
LO	CATION	21	. 34.18	8.421	-11-21-21		WELL TAG ID NO	-		PAGE 2 OF 2





Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent Cacique and similar soils: 40 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary

rock

Typical profile

A - 0 to 10 inches: fine sand

Btk - 10 to 60 inches: sandy clay loam

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

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 8.5

inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from

sedimentary rock

Typical profile

A - 0 to 7 inches: fine sand

Bt - 7 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components

Kermit

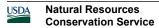
Percent of map unit: 4 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent



Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Palomas

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Dune land

Percent of map unit: 1 percent Hydric soil rating: No

Data Source Information

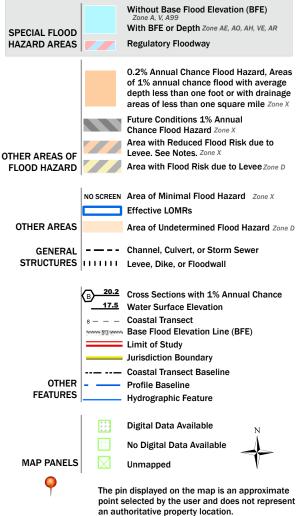
Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

Received by OCD: 6/30/2023 1:48:54 PM National Flood Hazard Layer FIRMette



Legend

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



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

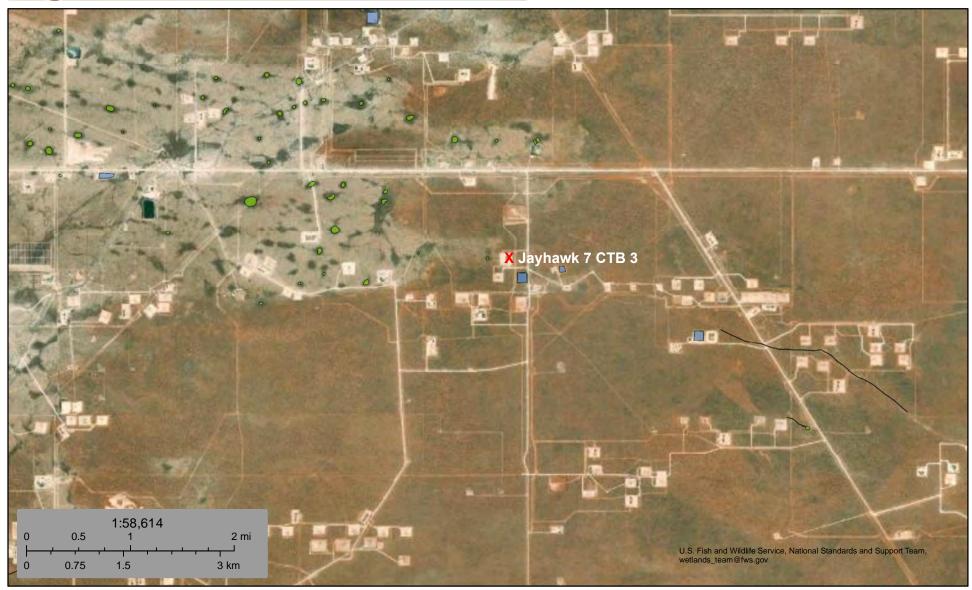
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/4/2023 at 12:55 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Wetlands Map



April 4, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Other

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.



Appendix CC-141 Form

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2309131946
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company			OGRID 61	37		
Contact Name Dale Woodall			Contact Te	Contact Telephone		
Contact email Dale.Woodall@dvn.com			Incident #	(assigned by OCD)	
Contact mail	ing address	6488 Seven Ri	ivers Hwy Artesi	ia, NM 88210		
32	.054538	3	Location	of Release So	ource -103.5060	094
Latitude 32			(NAD 83 in dec	Longitude _ imal degrees to 5 decim	nal places)	
Site Name Ja	vhawk 7 0	CTB 3		Site Type C	Dil	
Date Release	Discovered	3/30/2023		API# (if app	licable)	
Unit Letter	Section	Township	Range	Coun	ıtv	7
J		26S	34E	Lea		-
			all that apply and attach	Volume of I	justification for the	e volumes provided below)
Crude Oil		Volume Release	` /		Volume Reco	` '
■ Produced	Water		ed (bbls) 7.6 BBLS			overed (bbls) 3 BBLS
Is the concentration of total dissolved solids (in the produced water >10,000 mg/l?			` /	Yes N	No	
Condensate Volume Released (bbls)				Volume Reco	overed (bbls)	
☐ Natural Gas Volume Released (Mcf)				Volume Reco	overed (Mcf)	
Other (des	,		t Released (provide	units)	Volume/Wei	ght Recovered (provide units)
Cause of Rele	^{ease} Water	r line develop	ed leak.		1	

-	77	~ =	- /4	~ ~	-	~
$-\nu\alpha$	Or IN	in the second	201	r 46	27	c/
Pas		A 7		- 0.0		7
	, -	-0	- 7		_	

Incident ID	nAPP2309131946
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respo	nsible party consider this a major release?
☐ Yes ■ No		
If YES, was immediate n	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
,	j	, u
	Initial R	esponse
TI 11		•
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	as been secured to protect human health and	the environment
	•	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	•
-	d above have <u>not</u> been undertaken, explain	
If all the actions describe	d above have <u>not</u> been undertaken, explain	wily.
Per 19 15 29 8 B (4) NM	IAC the responsible party may commence t	emediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred
		blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
public health or the environ	ment. The acceptance of a C-141 report by the C	OCD does not relieve the operator of liability should their operations have
		eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Kendr	a Ruiz	Title: EHS Associate
Signature: Kendra	n Ruiz	Date: 4/13/2023
email: Kendra.Ru		Telephone: 575-748-0167
email:		Telephone:
OCD Only		
la a a li ua	Harimon	04/12/2022
Received by:	n Harimon	Date:04/13/2023

	Volume(Bbl outs in blue, O	s) Calculator utputs in red	
Con	taminated Soil	measurement	
Area (squa	re feet)	Depth(inches)	
2642.0)27	1.000	
Cubic Feet of So	oil Impacted	220.169	
Barrels of Soil	Impacted	39.25	
Soil Ty	/pe	Clay/Sand	
Barrels of Oil Assuming 100% Saturation		5.89	
Saturation Fluid pr		resent when squeezed	
Estimated Barrels of Oil Released		2.94	
	Free Standing	Fluid Only	
Area (squa	re feet)	Depth(inches)	
161.8	42	0.750	
Standing	fluid	1.803	
Total fluids spilled		7.690	

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 207487

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	207487
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimor	None	4/13/2023

tate of New Mexico

Insident ID A PRO200121046

Incident ID	nAPP2309131946
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	51-100' (ft bgs)		
Did this release impact groundwater or surface water?	Yes X No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k No		
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No		
Are the lateral extents of the release overlying a subsurface mine?	Yes No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No		
Are the lateral extents of the release within a 100-year floodplain?			
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 ∑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ∑ Field data ∑ Data table of soil contaminant concentration data ∑ Depth to water determination ∑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ☐ Boring or excavation logs ∑ Photographs including date and GIS information ∑ Topographic/Aerial maps ∑ Laboratory data including chain of custody 			

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

Received by OCD: 6/30/2023 1:48:54 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 31 0j 12
Incident ID	nAPP2309131946
District RP	
Facility ID	

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Environmental Professional Dale Woodall Printed Name: Signature: Dale Woodall Date: 6/30/2023 email: dale.woodall@dvn.com Telephone: 575-748-1839 **OCD Only** Received by: Date:

Page 32 of 129

Incident ID	nAPP2309131946
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.	
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC	
x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)	
X Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall Title: Environmental Professional	
Signature: Dals Woodall	Date:
email:dale.woodall@dvn.com	Telephone: 575-748-1839
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	
Closure Approved by:	Date:
Printed Name:	Title:



Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY JAYHAWK 7 CTB 3

Site Assessment









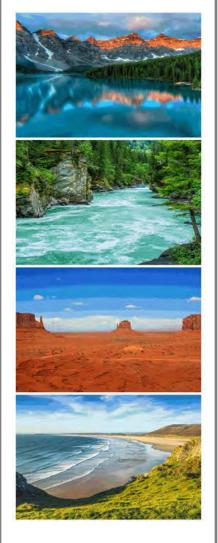




Appendix E

Laboratory Reports

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E304074

Job Number: 01058-0007

Received: 4/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/20/23

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: 4/20/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Jayhawk 7 CTB 3

Workorder: E304074

Date Received: 4/14/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2023 8:30:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

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

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 11:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E304074-01A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S1 - 2'	E304074-02A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S1 - 3'	E304074-03A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S1 - 4'	E304074-04A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S2 - 1'	E304074-05A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S2 - 2'	E304074-06A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S2 - 3'	E304074-07A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S2 - 4'	E304074-08A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S3 - 1'	E304074-09A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S3 - 2'	E304074-10A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S3 - 3'	E304074-11A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S3 - 4'	E304074-12A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S4 - 1'	E304074-13A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S4 - 2'	E304074-14A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S4 - 3'	E304074-15A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S4 - 4'	E304074-16A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S5 - 1'	E304074-17A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S5 - 2'	E304074-18A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S5 - 3'	E304074-19A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S5 - 4'	E304074-20A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S1 - 1' E304074-01

		2001071 01					
Andre	Result	Reporting Limit		ution	Prepared	A l d	Notes
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		106 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		106 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0	_	1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		93.0 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2315086
Chloride	406	20.0		1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S1 - 2' E304074-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2315072
Benzene	ND	0.0250	1		04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1		04/14/23	04/17/23	
Toluene	ND	0.0250	1		04/14/23	04/17/23	
o-Xylene	ND	0.0250	1		04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1		04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1		04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ı	Analyst: SL			Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM	ſ		Batch: 2315090
Diesel Range Organics (C10-C28)	37.2	25.0	1		04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/18/23	04/18/23	
Surrogate: n-Nonane		97.0 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2315086

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S1 - 3' E304074-03

		E304074-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SI			Batch: 2315072
Benzene	ND	0.0250	1	l	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	l	04/14/23	04/17/23	
Toluene	ND	0.0250	1	l	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	l	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	l	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	l	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		105 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SI	-		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		105 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	M		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	ĺ	04/18/23	04/18/23	
Surrogate: n-Nonane		96.5 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2315086
Chloride	23.1	20.0	1	1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S1 - 4' E304074-04

		200.07101					
Analyte	Result	Reporting Limit	Dilut	tion Prep	ared	Analyzed	Notes
					arcu	7 Mary ZCC	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2315072
Benzene	ND	0.0250	1	04/14	4/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14	4/23	04/17/23	
Toluene	ND	0.0250	1	04/14	4/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14	4/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14	4/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14	4/23	04/17/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130	04/1	4/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/1	4/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130	04/14	4/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14	4/23	04/17/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130	04/1	4/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/1	4/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130	04/14	4/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18	8/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18	8/23	04/18/23	
Surrogate: n-Nonane		95.9 %	50-200	04/18	8/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2315086
Chloride	20.5	20.0	1	04/18	8/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S2 - 1'

E304	1074	1_05

Analysis	Result	Reporting Limit		ution	Duomono d	Analyzed	Notes
Analyte	Result	Limit	Dil	ution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		94.3 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2315086
Chloride	404	20.0		1	04/18/23	04/18/23	
Chiories		20.0					

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S2 - 2'

E304074-06								
		Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	SL		Batch: 2315072	
Benzene	ND	0.0250		1	04/14/23	04/17/23		
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23		
Toluene	ND	0.0250		1	04/14/23	04/17/23		
o-Xylene	ND	0.0250		1	04/14/23	04/17/23		
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23		
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	SL		Batch: 2315072	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KM		Batch: 2315090	
Diesel Range Organics (C10-C28)	37.2	25.0		1	04/18/23	04/18/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23		
Surrogate: n-Nonane		97.6 %	50-200		04/18/23	04/18/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2315086	
Chloride	135	20.0		1	04/18/23	04/18/23		

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S2 - 3'

E304074-07							
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	L		Batch: 2315072
Benzene	ND	0.0250	1	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: S	L		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	M		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/18/23	04/18/23	
Surrogate: n-Nonane		96.5 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2315086
-		-					•

20.0

04/18/23

04/18/23

22.0



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S2 - 4'

	Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		95.2 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2315086
Chloride	21.6	20.0		1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S3 - 1'

E304074-09								
		Reporting						
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072	
Benzene	ND	0.0250	1	1	04/14/23	04/17/23		
Ethylbenzene	ND	0.0250	1	1	04/14/23	04/17/23		
Toluene	ND	0.0250	1	1	04/14/23	04/17/23		
o-Xylene	ND	0.0250	1	1	04/14/23	04/17/23		
p,m-Xylene	ND	0.0500	1	1	04/14/23	04/17/23		
Total Xylenes	ND	0.0250	1	1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		99.7 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		99.7 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/23	04/18/23		
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/18/23	04/18/23		
Surrogate: n-Nonane		97.2 %	50-200		04/18/23	04/18/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2315086	
Chloride	408	20.0	1	1	04/18/23	04/18/23		

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S3 - 2' E304074-10

		E504074-10					
Analyte	Result	Reporting Limit	Dilu	ition Pi	repared	Analyzed	Notes
Tillayee					epareu	7 mary 2cd	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL			Batch: 2315072
Benzene	ND	0.0250	1	04	1/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04	1/14/23	04/17/23	
Toluene	ND	0.0250	1	1 04	1/14/23	04/17/23	
o-Xylene	ND	0.0250	1	1 04	1/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04	1/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	l 04	1/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04	4/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	04	4/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130	04	4/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL			Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 04	1/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04	4/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	04	4/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130	04	4/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2315090
Diesel Range Organics (C10-C28)	31.6	25.0	1	04	1/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1 04	1/18/23	04/18/23	
Surrogate: n-Nonane		95.4 %	50-200	04	4/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2315086
Chloride	139	20.0	1	04	1/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S3 - 3'

		E304074-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		105 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		105 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		96.4 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2315086
Chloride	22.9	20.0		1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S3 - 4'

		E304074-12						
Reporting								
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072	
Benzene	ND	0.0250	1	1	04/14/23	04/17/23		
Ethylbenzene	ND	0.0250	1	1	04/14/23	04/17/23		
Toluene	ND	0.0250	1	1	04/14/23	04/17/23		
o-Xylene	ND	0.0250	1	1	04/14/23	04/17/23		
p,m-Xylene	ND	0.0500	1	1	04/14/23	04/17/23		
Total Xylenes	ND	0.0250	1	1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		98.9 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/14/23	04/17/23		
Surrogate: Bromofluorobenzene		98.9 %	70-130		04/14/23	04/17/23		
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		04/14/23	04/17/23		
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/23	04/18/23		
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/18/23	04/18/23		

96.1 %

mg/kg

20.0

mg/kg

20.6

50-200

04/18/23

04/18/23

Analyst: RAS

04/18/23

04/18/23

Batch: 2315086

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S4 - 1'

E304074-13	
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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		98.0 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2315086
Chloride	435	20.0		1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S4 - 2' E304074-14

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•	-	Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		103 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	33.3	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	04/18/23	04/19/23	
Surrogate: n-Nonane		95.9 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2315086
Chloride	131	20.0		1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S4 - 3' E304074-15

		E504074-15				
Analyte	Result	Reporting Limit	Dilut	tion Prepa	ared Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL	<u> </u>	Batch: 2315072
Benzene	ND	0.0250	1	04/14	1/23 04/17/23	
Ethylbenzene	ND	0.0250	1	04/14	1/23 04/17/23	
Toluene	ND	0.0250	1	04/14	1/23 04/17/23	
o-Xylene	ND	0.0250	1	04/14	1/23 04/17/23	
p,m-Xylene	ND	0.0500	1	04/14	1/23 04/17/23	
Total Xylenes	ND	0.0250	1	04/14	1/23 04/17/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130	04/14	1/23 04/17/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/14	4/23 04/17/23	
Surrogate: Toluene-d8		103 %	70-130	04/14	4/23 04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14	1/23 04/17/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130	04/14	4/23 04/17/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/14	4/23 04/17/23	
Surrogate: Toluene-d8		103 %	70-130	04/14	4/23 04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18	3/23 04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18	3/23 04/19/23	
Surrogate: n-Nonane		96.7 %	50-200	04/18	8/23 04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2315086
Chloride	26.5	20.0	1	04/18	3/23 04/18/23	
Chloride	26.5	20.0	1	04/18	3/23 04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S4 - 4' E304074-16

		200107110					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	Batem 2315072
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		89.7 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2315086
Chloride	ND	20.0		1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S5 - 1'

		E304074-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		95.4 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2315086

20.0

04/18/23

04/18/23

470



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S5 - 2'

E304074-18

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene	·	97.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2315090
Diesel Range Organics (C10-C28)	33.5	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		96.0 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2315086
Chloride	148	20.0		1	04/18/23	04/18/23	·

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S5 - 3' E304074-19

Reporting Limit Dilution Prepared Analyzed Notes mg/kg Analyst: SL Batch: 2315072 0.0250 1 04/14/23 04/17/23
mg/kg Analyst: SL Batch: 2315072
0.0250 1 04/14/23 04/17/23
0.0250
0.0250 1 04/14/23 04/17/23
0.0250 1 04/14/23 04/17/23
0.0250 1 04/14/23 04/17/23
0.0500 1 04/14/23 04/17/23
0.0250 1 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
mg/kg Analyst: SL Batch: 2315072
20.0 1 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
6 70-130 04/14/23 04/17/23
mg/kg Analyst: KM Batch: 2315090
25.0 1 04/18/23 04/19/23
50.0 1 04/18/23 04/19/23
6 50-200 04/18/23 04/19/23
mg/kg Analyst: RAS Batch: 2315086
20.0 1 04/18/23 04/19/23
9 9

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

S5 - 4'

E304074-20

		200107120					
	D 1:	Reporting			D 1		N .
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2315072
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		104 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2315090
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		97.2 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2315086
Chloride	20.8	20.0		1	04/18/23	04/19/23	



Jayhawk 7 CTB 3 Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/20/2023 11:18:42AM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2315072-BLK1) Prepared: 04/14/23 Analyzed: 04/17/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.568 0.500 114 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.511 LCS (2315072-BS1) Prepared: 04/14/23 Analyzed: 04/17/23 2.42 0.0250 2.50 96.6 70-130 Benzene 2.42 2.50 70-130 96.9 Ethylbenzene 0.0250 2.49 0.0250 2.50 99.6 70-130 2.41 70-130 0.0250 2.50 96.5 o-Xylene 97.7 4.88 5.00 70-130 p,m-Xylene 0.0500 7.30 0.0250 7.50 97.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.542 0.500 108 70-130 0.500 110 70-130 Surrogate: 1,2-Dichloroethane-d4 0.552 70-130 Surrogate: Toluene-d8 0.524 0.500 Matrix Spike (2315072-MS1) Source: E304074-01 Prepared: 04/14/23 Analyzed: 04/17/23 2.46 0.0250 2.50 ND 98.3 48-131 45-135 Ethylbenzene 2.49 0.0250 2.50 ND 99.5 102 48-130 Toluene 2.56 0.0250 2.50 ND 2.46 0.0250 2.50 ND 98.5 43-135 o-Xylene 4.98 5.00 ND 99.7 43-135 p,m-Xylene 0.0500 Total Xylenes 7.45 0.0250 7.50 ND 99.3 43-135 109 Surrogate: Bromofluorobenzene 0.543 0.500 70-130 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.556 0.500 70-130 0.525 Surrogate: Toluene-d8 Matrix Spike Dup (2315072-MSD1) Source: E304074-01 Prepared: 04/14/23 Analyzed: 04/17/23 2.45 0.0250 2.50 ND 98.1 48-131 0.224 23 2.45 0.0250 2.50 ND 45-135 1.64 27 Ethylbenzene ND 101 48-130 1.28 24 2.52 2.50 Toluene 0.0250 o-Xylene 2.43 0.0250 2.50 ND 97.1 43-135 1.43 27 4.89 5.00 ND 97.9 43-135 27 1.81 p,m-Xylene 0.0500 27 7.32 0.0250 7.50 ND 97.6 43-135 1.69 Total Xylenes Surrogate: Bromofluorobenzene 0.529 0.500 106 70-130 0.500 110 70-130 Surrogate: 1,2-Dichloroethane-d4 0.549



0.500

104

70-130

0.522

Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Jayhawk 7 CTB 3Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/20/2023 11:18:42AM

Nonhalogenated	Organics 1	by EPA 8015	SD - GRO
Tionnaiogenateu	O Zames	U y ELLIA UUL.	D - GIGO

Anal	lvst:	S

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

	Result	Limit	Level	Result	Rec	Limits	KPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315072-BLK1)							Prepared: 04	1/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.568		0.500		114	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
LCS (2315072-BS2)							Prepared: 04	1/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			·
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike (2315072-MS2)				Source:	E304074-	01	Prepared: 04	1/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
Matrix Spike Dup (2315072-MSD2)				Source:	E304074-	01	Prepared: 04	1/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	0.781	20	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.550		0.500		110	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:18:42AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4/2	20/2023 11:18:42AI
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315090-BLK1)							Prepared: 0	4/14/23 Ana	lyzed: 04/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.7		50.0		95.4	50-200			
LCS (2315090-BS1)							Prepared: 0	4/14/23 Ana	lyzed: 04/18/23
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132			
urrogate: n-Nonane	47.3		50.0		94.7	50-200			
Matrix Spike (2315090-MS1)				Source:	E304074-	20	Prepared: 0	4/14/23 Ana	lyzed: 04/18/23
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
urrogate: n-Nonane	46.1		50.0		92.1	50-200			
Matrix Spike Dup (2315090-MSD1)				Source:	E304074-	20	Prepared: 0	4/14/23 Ana	lyzed: 04/18/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	3.63	20	
urrogate: n-Nonane	46.9		50.0		93.9	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		nyhawk 7 CTB 1058-0007	3				Re	ported:
Plains TX, 79355-0247		Project Manager:		om Bynum					4/20/2023	11:18:42AM
		Anions	by EPA 3	300.0/9056A					Analys	t: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2315086-BLK1)							Prepared: 04	4/18/23	Analyzed:	04/18/23
Chloride	ND	20.0								
LCS (2315086-BS1)							Prepared: 04	4/18/23	Analyzed:	04/18/23
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2315086-MS1)				Source: 1	E304074-0)1	Prepared: 04	4/18/23	Analyzed:	04/18/23
Chloride	645	20.0	250	406	95.6	80-120				
Matrix Spike Dup (2315086-MSD1)				Source: 1	E304074-0)1	Prepared: 04	4/18/23	Analyzed:	04/18/23
Chloride	639	20.0	250	406	93.2	80-120	0.937	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:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 11:18

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.



Client: Pima	~ Englis	onmont	ol Consi	200	111	> Bill To		F		La	b Us	se On	lv		1		TA	T	EPA	Program		
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Time	Date	Matrix	No. of Containers	Sample ID)		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks			
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I, (field sampler)	, attest to	tne validity	and authen	may be group	ds for legal action.	that tampering with or intentionally misla Sampled by: udri an	a Benzi	dr	3			packe	d in ice at	an avg tem	p abov	e O but	less than	6°C on subseq	uent days.			
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Sample Matrix		L Called C	Cludes C	Amunous C. C	Othor		Containe	Container Tyrie: g - glass, a - poly/plastic, ag - amber glass, v - VOA														
Moto: Samples	are disc	arded 30 d	avs after r	esults are re	norted unless oth	er arrangements are made. Hazardo	ous samples wil	l be re	tume	d to cli	ient o	or disp	osed of	at the cli	ent ex	xpense	e. The	report for t	he analysis of	the above		
camples is ann	of icable of	nly to thos	e samples	received by	the laboratory w	th this COC. The liability of the labora	tory is limited t	to the	amou	nt paid	d for a	on the	report.									

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Comple Man	ril c	- 500 8	I - Solid Se	- Sludge A	Aqueous, O - C	ther		<u> </u>		Containe	er Typ	e:g-	glass,	p - p	oly/p	lastic.	ag - am	ber gl	lass, v	- VOA	4			
Note: Sam	nles a	are disc	arded 30 c	days after r	esults are rec	orted unl	ess other	er arrangements are m	ade. Hazardous	samples wil	l be re	tume	d to cli	ent c	r dispo	osed of	at the cl	ient e	xpense	e. The	report	for the ar	alysis of th	e above
samples is	appli	icable c	nly to thos	se samples	received by t	he labora	tory wit	th this COC. The liability	of the laborator	y is limited t	to the	amou	nt paic	for	on the	report.								in.

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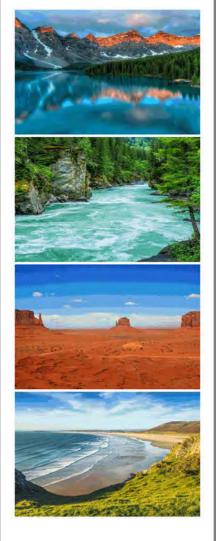
Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

	Diver Environmental Coming Coulded				· ·	
Client:	Pima Environmental Services-Carlsbad	Date Received:	04/14/23 0		Work Order ID:	E304074
Phone:	(575) 631-6977	Date Logged In:	04/13/23 1		Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/20/23 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
	he number of samples per sampling site location mat	ch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	_		
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes		Commen	ts/Resolution
Sample 7	Furn Around Time (TAT)	,,,,				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Jayhawk 7 CTB	3 has been
Sample (· •				separated into 3 reports	due to sample
	sample cooler received?		Yes		volume. Workorders are	•
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		E304074, E304075 & E	2304076.
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 4	<u>c</u>			
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?)	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La						
	field sample labels filled out with the minimum info	rmation:				
S	ample ID?		Yes			
	Pate/Time Collected?		Yes			
	follectors name?		Yes			
	Preservation		NT.			
	the COC or field labels indicate the samples were pr	eserveu?	No			
	ample(s) correctly preserved? filteration required and/or requested for dissolved m	netale?	NA No			
		ictais:	INU			
	ase Sample Matrix	0				
	the sample have more than one phase, i.e., multiphase		No			
27. If yes	, does the COC specify which phase(s) is to be analy	zea?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborator	-	No			
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: na	
Client I	<u>nstruction</u>					

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E304076

Job Number: 01058-0007

Received: 4/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/20/23

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: 4/20/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Jayhawk 7 CTB 3

Workorder: E304076

Date Received: 4/14/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2023 8:30:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

Sample Custody Officer Office: 505-632-1881

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

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 11:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 - 1'	E304076-01A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S11 - 2'	E304076-02A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S11 - 3'	E304076-03A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S11 - 4'	E304076-04A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW1	E304076-05A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW2	E304076-06A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW3	E304076-07A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW4	E304076-08A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW5	E304076-09A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW6	E304076-10A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW7	E304076-11A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
SW9	E304076-12A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
BG1	E304076-13A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

S11 - 1' E304076-01

		E304070-01					
	D 1:	Reporting					N.
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		101 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		101 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		99.9 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2315088
Chloride	483	20.0		1	04/14/23	04/14/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

S11 - 2' E304076-02

		200.070 02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
				1	rmaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2315075
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130	04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	04/14/23	04/17/23	
Surrogate: Toluene-d8		99.2 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130	04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	04/14/23	04/17/23	
Surrogate: Toluene-d8		99.2 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2316004
Diesel Range Organics (C10-C28)	27.7	25.0	1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/18/23	
Surrogate: n-Nonane		105 %	50-200	04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2315088
Chloride	127	20.0	1	04/14/23	04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

S11 - 3' E304076-03

		E304070-03					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilu	ition	riepaieu	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Γ	Y		Batch: 2315075
Benzene	ND	0.0250	1	ļ	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	ļ	04/14/23	04/17/23	
Toluene	ND	0.0250	1	ļ	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	Į.	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	[04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	l	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	ΚM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/23	04/18/23	
Surrogate: n-Nonane		104 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: E	BA		Batch: 2315088
Chloride	27.2	20.0	1		04/14/23	04/15/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

S11 - 4' E304076-04

Reporting		tion Duomonod	Analyzad	Notes
Limit	Dilu	tion Prepared	Analyzed	Notes
g mg/kg	1	Analyst: IY		Batch: 2315075
0.0250	1	04/14/23	04/17/23	
0.0250	1	04/14/23	04/17/23	
0.0250	1	04/14/23	04/17/23	
0.0250	1	04/14/23	04/17/23	
0.0500	1	04/14/23	04/17/23	
0.0250	1	04/14/23	04/17/23	
97.9 %	70-130	04/14/23	04/17/23	
97.4 %	70-130	04/14/23	04/17/23	
100 %	70-130	04/14/23	04/17/23	
g mg/kg	1	Analyst: IY		Batch: 2315075
20.0	1	04/14/23	04/17/23	
97.9 %	70-130	04/14/23	04/17/23	
97.4 %	70-130	04/14/23	04/17/23	
100 %	70-130	04/14/23	04/17/23	
g mg/kg	1	Analyst: KM		Batch: 2316004
25.0	1	04/18/23	04/18/23	
50.0	1	04/18/23	04/18/23	
104 %	50-200	04/18/23	04/18/23	
g mg/kg		Analyst: BA		Batch: 2315088
20.0	1	04/14/23	04/15/23	
	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 97.9 % 97.4 % 100 % g mg/kg 20.0 97.9 % 97.4 % 100 % 104 % g mg/kg	9 mg/kg 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.02	March Marc	Marker M



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW1 E304076-05

	Reporting						
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: l	Y		Batch: 2315075
Benzene	ND	0.0250	1		04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1		04/14/23	04/17/23	
Toluene	ND	0.0250	1		04/14/23	04/17/23	
o-Xylene	ND	0.0250	1		04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1		04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1		04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.8 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		100 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: l	Y		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		97.8 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		100 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: l	KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/23	04/18/23	_
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/23	04/18/23	
Surrogate: n-Nonane		103 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: l	BA		Batch: 2315088
Allions by ETA 500:0/7030A							



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW2

		E304076-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2315075
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	•	1	04/18/23	04/18/23	_
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		105 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2315088
Chloride	ND	20.0		1	04/14/23	04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW3

E304076-07

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2315075
Benzene	ND	0.0250		1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/17/23	
Toluene	ND	0.0250		1	04/14/23	04/17/23	
o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		101 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/14/23	04/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		04/14/23	04/17/23	
Surrogate: Toluene-d8		101 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/18/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/18/23	
Surrogate: n-Nonane		107 %	50-200		04/18/23	04/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2315088
Chloride	ND	20.0		1	04/14/23	04/15/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW4

E304076-08

		Reporting					
Analyte	Result	Limit	Dilut	tion Prej	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2315075
Benzene	ND	0.0250	1	04/1	14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/1	14/23	04/18/23	
Toluene	ND	0.0250	1	04/1	14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/1	14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/1	14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/1	14/23	04/18/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130	04/1	14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	04/1	14/23	04/18/23	
Surrogate: Toluene-d8		101 %	70-130	04/1	14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY			Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/1	14/23	04/18/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130	04/1	14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	04/1	14/23	04/18/23	
Surrogate: Toluene-d8		101 %	70-130	04/1	14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/1	18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/1	18/23	04/19/23	
Surrogate: n-Nonane		105 %	50-200	04/1	18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2315088
						04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
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SW5 E304076-09

		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2315075
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130	04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	04/14/23	04/18/23	
Surrogate: Toluene-d8		101 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130	04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	04/14/23	04/18/23	
Surrogate: Toluene-d8		101 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		103 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2315088
Chloride	ND	20.0	1	04/14/23	04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW6 E304076-10

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Benzene	ND	0.0250	1	l	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	l	04/14/23	04/18/23	
Toluene	ND	0.0250	1	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	l	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	[04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		99.9 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		99.9 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/18/23	04/19/23	
Surrogate: n-Nonane		99.7 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2315088
· · ·				_		04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW7

		E304076-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Benzene	ND	0.0250		1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/18/23	
Toluene	ND	0.0250		1	04/14/23	04/18/23	
o-Xylene	ND	0.0250		1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane		102 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2315088
Chloride	ND	20.0	•	1	04/14/23	04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

SW9

E304076-12

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2315075
Benzene	ND	0.0250		1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250		1	04/14/23	04/18/23	
Toluene	ND	0.0250		1	04/14/23	04/18/23	
o-Xylene	ND	0.0250		1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		100 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		100 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/23	04/19/23	
Surrogate: n-Nonane	·	106 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2315088
	ND	20.0		1	04/14/23	04/15/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

BG1

E304076-13

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2315075
Benzene	ND	0.0250	1		04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1		04/14/23	04/18/23	
Toluene	ND	0.0250	1		04/14/23	04/18/23	
o-Xylene	ND	0.0250	1		04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1		04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1		04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2315075
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/14/23	04/18/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		04/14/23	04/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		04/14/23	04/18/23	
Surrogate: Toluene-d8		102 %	70-130		04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KN	И		Batch: 2316004
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/23	04/19/23	
Surrogate: n-Nonane		107 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA	Δ.		Batch: 2315088

QC Summary Data

Jayhawk 7 CTB 3 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/20/2023 11:21:48AM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2315075-BLK1) Prepared: 04/14/23 Analyzed: 04/17/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.502 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 95.9 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.512 LCS (2315075-BS1) Prepared: 04/14/23 Analyzed: 04/17/23 2.32 0.0250 2.50 93.0 70-130 Benzene 2.50 90.5 70-130 2.26 Ethylbenzene 0.0250 2.27 0.0250 2.50 90.6 70-130 2.24 89.4 70-130 0.0250 2.50 o-Xylene 87.9 4.40 5.00 70-130 p,m-Xylene 0.0500 6.63 0.0250 7.50 88.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.477 0.500 95.4 70-130 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.511 70-130 Surrogate: Toluene-d8 0.502 0.500 Matrix Spike (2315075-MS1) Source: E304076-01 Prepared: 04/14/23 Analyzed: 04/17/23 2.24 0.0250 2.50 ND 89.6 48-131 45-135 Ethylbenzene 2.17 0.0250 2.50 ND 86.8 ND 87.1 48-130 Toluene 2.18 0.0250 2.50 2.22 0.0250 2.50 ND 88.8 43-135 o-Xylene 4.32 5.00 ND 86.3 43-135 p,m-Xylene 0.0500 Total Xylenes 6.54 0.0250 7.50 ND 87.2 43-135 97.9 Surrogate: Bromofluorobenzene 0.490 0.500 70-130 0.495 0.500 98.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.497 Surrogate: Toluene-d8 Matrix Spike Dup (2315075-MSD1) Source: E304076-01 Prepared: 04/14/23 Analyzed: 04/17/23 2.34 0.0250 2.50 ND 93.7 48-131 4.39 23 2.31 0.0250 2.50 ND 92.6 45-135 6.44 27 Ethylbenzene ND 92.5 48-130 6.06 24 2.31 2.50 Toluene 0.0250 o-Xylene 2.36 0.0250 2.50 ND 94.2 43-135 5.90 27 5.00 ND 92.9 43-135 7.39 27 4.65 0.0500 p,m-Xylene 27 7.00 0.0250 7.50 ND 93.4 43-135 6.88 Total Xylenes Surrogate: Bromofluorobenzene 0.498 0.500 99 5 70-130



0.500

0.500

0.503

0.503

101

101

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Matrix Spike Dup (2315075-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

46.2

0.489

0.524

0.504

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Jayhawk 7 CTB 3Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/20/2023 11:21:48AM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				4/20	0/2023 11:21:48AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	A RPD	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315075-BLK1)							Prepared: 0	4/14/23 Analy	yzed: 04/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			
LCS (2315075-BS2)							Prepared: 0	4/14/23 Analy	yzed: 04/17/23
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.0	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
Matrix Spike (2315075-MS2)				Source:	E304076-	01	Prepared: 0	4/14/23 Analy	yzed: 04/17/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Source: E304076-01

92.3

97.8

105

101

ND

70-130

70-130

70-130

70-130

3.04

50.0

0.500

0.500

0.500

20.0

Prepared: 04/14/23 Analyzed: 04/17/23

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 11:21:48AM

Plains TX, 79355-0247		Project Manager	r: 10	m Bynum					/20/2023 11:21:48AN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316004-BLK1)							Prepared: 0	4/17/23 Ar	alyzed: 04/18/23
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.9		50.0		116	50-200			
CS (2316004-BS1)							Prepared: 0	4/17/23 Ar	alyzed: 04/18/23
iesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
urrogate: n-Nonane	50.7		50.0		101	50-200			
Aatrix Spike (2316004-MS1)				Source:	E304076-0	04	Prepared: 0	4/17/23 Ar	alyzed: 04/18/23
iesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
urrogate: n-Nonane	49.8		50.0		99.6	50-200			
Matrix Spike Dup (2316004-MSD1)				Source:	E304076-0	04	Prepared: 0	4/17/23 Ar	alyzed: 04/18/23
iesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	1.78	20	
urrogate: n-Nonane	49.6		50.0		99.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	i	Project Name: Project Number:		ayhawk 7 CTE 1058-0007	3				Reported:				
Plains TX, 79355-0247		Project Manager		4/20/2023 11:21:48AM									
		Anions	by EPA	300.0/9056	1				Analyst: BA				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2315088-BLK1)							Prepared: 0-	4/14/23 A	nalyzed: 04/14/23				
Chloride	ND	20.0											
LCS (2315088-BS1)							Prepared: 0	4/14/23 A	nalyzed: 04/17/23				
Chloride	265	20.0	250		106	90-110							
Matrix Spike (2315088-MS1)				Source:	E304076-)1	Prepared: 0	4/14/23 A	nalyzed: 04/14/23				
Chloride	701	20.0	250	483	87.3	80-120							
Matrix Spike Dup (2315088-MSD1)				Source:	E304076-	01	Prepared: 0	4/14/23 A	nalyzed: 04/15/23				
Chloride	825	20.0	250	483	137	80-120	16.2	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:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 11:21

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.



Glicab Direct Equipmental Considers	Rill To			Lab	Use O	nly			TAT		EPA Pr	
Client: Pima Environmental Services Project: AMPAUK 7.CTB 3	Attention: Devo 1	Lab	WO#			Number	1D	2D	3D S	Standard	CWA	SDWA
	Address:	E :	3/4	OTL		T000-82				X		
Project Manager: Tom Bynum			701	0.0	Anal	ysis and Method	1	-		1		RCRA
Address: 56 14 N. Lovington Hwy.	City, State, Zip		T		Tital) I		T				
City, State, Zip Hobbs, NM, 88240	Phone:	_	1				1				State	
Phone: 580-748-1613	Email:	015	0.015							NMI CO	UT AZ	TX
Email: tom@pimaoil.com	Pima Project # 290	by 8	by 8	8021	10 6	300.0	NN	*				
Report due by:		8	8	98 %	y 82	de a						
Time Date Matrix No. of Containers Sample	le ID Num	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by 8260 Metals 6010	Chloride	BGDOC	варос			Remarks	
10:20 4/11/23 5 1 51.	1-1'						1					
10 20 17 15 1	1-2'	,					IT					
10:25 SI	1		-		-		#	1				
10:30 S11	-3'	As a Complete			_		+	-				
10:35	1-4'	1					11					_
10:40 SW		5										
	V1	Q					Π					
10:45 Su			-		_	+	++-	+	1 1			
10:50 SW	J3	7					1					
10:55 SW	V4	8		3								
11:00 SV	15											
W:05 1 1 2 SV	1/10	0					1					
Additional Inastructions:	~ · 11: 11.	111/10	201									
, add a second	Billing #:	2119/	100	0		ples requiring therma	12000	- 17 - 10 - 10	aust ha sacc	awad on ire the d	av they are san	noled or received
I, (field sampler), attest to the validity and authenticity of t	this sample. I am aware that tampering with or intentionally mislabelling the	sample loca	ation,	2	Sam	ples requiring therma ced in ice at an avg ter	nn abov	valion n	less than 6	°C on subsequent	days.	
date or time of collection is considered fraud and may be g	this sample. I am aware that tampering with or intentionally mislabelling the grounds for legal action. Sampled by: Determine The Control of the Control	xnai	100	n	paci	ted in ite at all avgiter						
Relinquished by: (Signature) Date 4.13.23	Time Received by: (Signature)	13-23	Time	100	Re	ceived on ice:		Y)/	Use Onl N	γ.		
Relinquished by: (Signature) Date	Time Received by (Signature) Date		Time	:3			3 0	×	420			
Relinquished by: (Signature) Date	Time Received by: (Signature) Date	17160	Time		5.4	45		3				1.4
			-	_	A١	/G Temp°C	ſ			a 425 (14)	1	and south
Sample Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous,	Cor Cor	tainer Ty	pe g-	glass,	- nolv	nlastic, ag - am	ber g	lass, 1	v - VOA		1 2 70	ha abarra
Note: Samples are discarded 30 days after results an	re reported unless other arrangements are made. Hazardous samp	les will be r	returne	d to clie	nt or dis	posed of at the cl	lient e	expens	e. The re	eport for the	inalysis of th	ie adove
samples is applicable only to those samples received	d by the laboratory with this COC. The liability of the laboratory is lin	nited to the	e amou	nt paid	for on th	e report.						- 1

Clinate Di	m - Faci	ra nmant	al Cani			Rill To		-		Lal	o Us	e On	lv	1		TA	T		EPA P	ogram	
Client: Pi	ma Env	7 ATR	al Servic	jes	Att	ention: DEVON		Lab	WO#				Number	1D	2D	3D	Sta	ndard	CWA	SDWA	
Project:	lan ager:	Tom Pur	200		Add	lress:		E 2	2	074		EURSEL 9	58-0007				>				
						, State, Zip		1	0	UI			sis and Meth			-		1		RCRA	
	56 14 N.					ne:		-			-	Titaly	Sis dia men	T	T						
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	om@pir	naoil.con	n		Di	ma Project# 290		by 8	by 8	177	09	10	000	S	×	4			RC		
Report du	ie by:			,	2.0	That Toject # 210	1 100 20 1 1 1 1 2 2 2	80	8	λ 8(y 82	9 80	e a			1 1		A			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDDC				Remarks		
11:10	4/11/23	9	1	SWI	1		U							X							
11:15	1	1	1	01.10	K		12							1							
11.10	1	1	1	BGI	1		13							V							
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I IS-14 ar	las) sets	a tha validit	and nuther	ticity of this co	mole I am awara	that tampering with or intentionally mis	abelling the sample	le locat	ion.			Samp	les requiring therm	nal prese	rvation	must be r	received	on ice the da	y they are san	pled or received	
i, (neid samp	of actions	is appeid	d found and	may be groups	ds for legal action.	that tampering with or intentionally miss	ana Ber	an	des	3		packe	ed in ice at an avg t	emp abo	ve 0 bu	t less than	n 6 °C or	n subsequent	days.		
			u naud and	may be Bronne	Time	Received by (Signature)	Date		Time	<i>U</i>			34' 5		Lab	Use O	nly		177		
Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Date 1:00 Received by: (Signature) Received by: (Signature) Received by: (Signature) Time Received by: (Signature) Received by: (Signature) Received by: (Signature)		Mylle Guns	4-13-	23	-	100		Rec	eived on ice	. (31	N			1 1	**					
		Received by: (Signature)	Date 4/14/	23	Time 8	130	3	11.		T2	2		4.3	<u>T3.</u>		P. 1. 1. 1.					
			Date		Time			AVO	G Temp°C_	4		* 1			X	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
Sample Matrix: S - Soil, Sg - Solid, Sg - Sludge, A - Aqueous, O - Other					Containe	er Tyn	e(g-	glass	D-0	oly/r	plastic ag - ar	nber g	lass,	v - VO	A						
					dous samples wi	ll be re	eturne	d to cli	ento	r disp	osed of at the	client e	expen	se. The	e repo	rt for the a	nalysis of t	ne above			
samples is	anniacable	only to the	e samples	received by t	he laboratory w	ith this COC. The liability of the labo	ratory is limited	to the	amou	int paid	ford	on the	report.								
12dillnies 12	UNNITECONIC	July CO LITUS	C SOLITAICS	, weeks wood by t															and an	Arrest Arrest	

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Printed: 4/14/2023 10:29:42AM

Envirotech Analytical Laboratory

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.

				1	
Client:	Pima Environmental Services-Carlsbad	Date Received:	04/13/23 0	08:30	Work Order ID: E304076
Phone:		Date Logged In:	04/13/23 1		Logged In By: Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/19/23 1	17:00 (4 day TAT)	
Chain of	Custody (COC)				
	ne sample ID match the COC?		Yes		
	ne number of samples per sampling site location mate	h the COC	Yes		
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	currier. <u>c</u>	<u> </u>
	Il samples received within holding time?	•	Yes		
	Note: Analysis, such as pH which should be conducted in				Comments/Resolution
C1- 7	i.e, 15 minute hold time, are not included in this disucssion	1.		1	<u>Comments Resolution</u>
	Construction of the Constr		Yes		Project Jayhawk 7 CTB 3 has been
	•		168		separated into 3 reports due to sample
Sample C	conters cample cooler received?		Yes		l
	was cooler received in good condition?		Yes		volume. Workorders are as follows:
•	•				E304074, E304075 & E304076.
	e sample(s) received intact, i.e., not broken?		Yes		
	custody/security seals present?		No		
•	, were custody/security seals intact?		NA		
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
13. If no	visible ice, record the temperature. Actual sample t	emperature: 4°0	<u>C</u>		
	Container				
	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample contained	rs collected?	Yes		
Field Lab					
	field sample labels filled out with the minimum infor ample ID?	mation:	Yes		
	rate/Time Collected?		Yes		
	ollectors name?		No		
Sample P	reservation_				
21. Does	the COC or field labels indicate the samples were pre	served?	No		
22. Are sa	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	etals?	No		
Multipha	se 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 analyze	ed?	NA		
Subcontr	act Laboratory				
	amples required to get sent to a subcontract laboratory	1?	No		
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: NA
Client Ir	nstruction_				
<u>eneme ii</u>	in detton				

Date

Printed: 4/17/2023 12:16:34PM

Envirotech Analytical Laboratory

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.

Phone: (575) 631-6977	Date Received:	04/14/23	08:30	Work Order ID:	E304076
1 Hone. (3/3) 031-07//	Date Logged In:	04/13/23	17:02	Logged In By:	Alexa Michaels
Email: tom@pimaoil.com	Due Date:	04/20/23	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	n match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was the COC complete, i.e., signatures, dates/times,	requested analyses?	Yes		<u> </u>	
5. Were all samples received within holding time?		Yes			
Note: Analysis, such as pH which should be condu i.e, 15 minute hold time, are not included in this di			·	Commen	ts/Resolution
Sample Turn Around Time (TAT)				Project Jayhawk 7 CTF	2 has been
6. Did the COC indicate standard TAT, or Expedited TA	T?	Yes		• •	
Sample Cooler				separated into 3 reports	-
7. Was a sample cooler received?		Yes		volume. Workorders ar	e as follows:
8. If yes, was cooler received in good condition?		Yes		E304074, E304075 & I	E304076.
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 Note: Thermal preservation is not required, if samp minutes of sampling	oles are received w/i 15	Yes			
13. If no visible ice, record the temperature. Actual sa	ample temperature: 4°	<u>C</u>			
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	s)?	NA			
17. Was a trip blank (TB) included for VOC analyses?		NA			
18. Are non-VOC samples collected in the correct conta		Yes			
19. Is the appropriate volume/weight or number of sample of	containers collected?	Yes			
Field Label					
20. Were field sample labels filled out with the minimum	n information:	Voc			
Sample ID? Date/Time Collected?		Yes Yes			
Collectors name?		No			
Sample Preservation					
21. Does the COC or field labels indicate the samples w	ere preserved?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filteration required and/or requested for dissol	ved metals?	No			
Multiphase Sample Matrix					
Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., mu	ltiphase?	No			
· · · · · · · · · · · · · · · · · · ·	_	No NA			
26. Does the sample have more than one phase, i.e., mu 27. If yes, does the COC specify which phase(s) is to be	_				
26. Does the sample have more than one phase, i.e., mu 27. If yes, does the COC specify which phase(s) is to be Subcontract Laboratory	analyzed?	NA			
26. Does the sample have more than one phase, i.e., mu 27. If yes, does the COC specify which phase(s) is to be	analyzed?		Subcontract Lab	: NA	

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E304075

Job Number: 01058-0007

Received: 4/14/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/20/23

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: 4/20/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Jayhawk 7 CTB 3

Workorder: E304075

Date Received: 4/14/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2023 8:30:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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ljarboe@envirotech-inc.com

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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Donoutodi
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 16:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6 - 1'	E304075-01A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S6 - 2'	E304075-02A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S6 - 3'	E304075-03A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S6 - 4'	E304075-04A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S7 - 1'	E304075-05A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S7 - 2'	E304075-06A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S7 - 3'	E304075-07A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S7 - 4'	E304075-08A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S8 - 1'	E304075-09A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S8 - 2'	E304075-10A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S8 - 3'	E304075-11A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S8 - 4'	E304075-12A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S9 - 1'	E304075-13A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S9 - 2'	E304075-14A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S9 - 3'	E304075-15A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S9 - 4'	E304075-16A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S10 - 1'	E304075-17A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S10 - 2'	E304075-18A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S10 - 3'	E304075-19A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.
S10 - 4'	E304075-20A	Soil	04/11/23	04/14/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S6 - 1'

		E504075 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		97.1 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2315087
Chloride	465	20.0	1	04/18/23	04/18/23	

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S6 - 2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	25.3	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		101 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2315087
Chloride	140	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S6 - 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		97.9 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2315087
Chloride	24.6	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S6 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		93.8 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2315087
Chloride	24.2	20.0	1	04/18/23	04/18/23	•



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S7 - 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		99.7 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: RAS		Batch: 2315087
Chloride	471	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S7 - 2'

		Domontin o				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	25.6	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		98.8 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2315087
Chloride	135	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S7 - 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		96.8 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2315087
Chloride	ND	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S7 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		94.0 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2315087
Chloride	25.2	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S8 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		97.2 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2315087
Chloride	477	20.0	1	04/18/23	04/18/23	•



Analyte

Benzene Ethylbenzene Toluene

Volatile Organics by EPA 8021B

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S8 - 2'

		E304075-10					
	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
	Result	Limit	Dilution	Trepared	7 mary zeu	110103	
	mg/kg	mg/kg	Analys	st: IY		Batch: 2315074	
	ND	0.0250	1	04/14/23	04/17/23		_
	ND	0.0250	1	04/14/23	04/17/23		
	ND	0.0250	1	04/14/23	04/17/23		
	ND	0.0250	1	04/14/23	04/17/23		
	ND	0.0500	1	04/14/23	04/17/23		
	ND	0.0250	1	04/14/23	04/17/23		
		93.8 %	70-130	04/14/23	04/17/23		_
)	mg/kg	mg/kg	Analys	st: IY		Batch: 2315074	

o-Xylene	ND	0.0250		1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500		1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250		1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	st: JL		Batch: 2316002
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	mg/kg ND	mg/kg 25.0		Analys	04/18/23	04/19/23	Batch: 2316002
				Analys 1 1		04/19/23 04/19/23	Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	50-200	Analys 1 1	04/18/23		Batch: 2316002
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	25.0 50.0	50-200	1 1	04/18/23 04/18/23	04/19/23	Batch: 2316002

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S8 - 3'

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2315074
Benzene	ND	0.0250	1		04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1		04/14/23	04/17/23	
Toluene	ND	0.0250	1		04/14/23	04/17/23	
o-Xylene	ND	0.0250	1		04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1		04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1		04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: I	Y		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.4 %	70-130		04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: JI	L		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/23	04/19/23	
Surrogate: n-Nonane		96.8 %	50-200		04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: R	AS		Batch: 2315087
Chloride	21.7	20.0	1		04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S8 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		97.9 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2315087
Chloride	ND	20.0	1	04/18/23	04/18/23	·



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S9 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/17/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/17/23	
Toluene	ND	0.0250	1	04/14/23	04/17/23	
o-Xylene	ND	0.0250	1	04/14/23	04/17/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/17/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/17/23	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	04/14/23	04/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		99.8 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2315087
Chloride	452	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S9 - 2'

		200.0.01.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Lillit	Dilution	Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	26.8	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		96.9 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2315087
Chloride	135	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S9 - 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		101 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2315087
Chloride	24.5	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S9 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		99.5 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2315087
Chloride	ND	20.0	1	04/18/23	04/18/23	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S10 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		98.6 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2315087
Chloride	414	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S10 - 2'

E304	075	10
E3U4	U/ 3	-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		95.7 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2315087
	137	20.0		04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S10 - 3'

		200.0.0 19				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg	Analys	•	7 mary 2cc	Batch: 2315074
Volatile Organics by EPA 8021B			1	04/14/23	04/18/23	Datell. 2313074
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/19/23	
Surrogate: n-Nonane		100 %	50-200	04/18/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2315087
Chloride	25.4	20.0	1	04/18/23	04/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

S10 - 4'

		200.0.0 20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	•	1 11111/200	Batch: 2315074
Benzene	ND	0.0250	1	04/14/23	04/18/23	
Ethylbenzene	ND	0.0250	1	04/14/23	04/18/23	
Toluene	ND	0.0250	1	04/14/23	04/18/23	
o-Xylene	ND	0.0250	1	04/14/23	04/18/23	
p,m-Xylene	ND	0.0500	1	04/14/23	04/18/23	
Total Xylenes	ND	0.0250	1	04/14/23	04/18/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2315074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/23	04/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/14/23	04/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2316002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/18/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/18/23	04/20/23	
Surrogate: n-Nonane		102 %	50-200	04/18/23	04/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2315087
Chloride	ND	20.0	1	04/18/23	04/19/23	



		₹ € ≈ .		iry Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	yhawk 7 CTE 1058-0007 om Bynum	3 3				Reported: 4/20/2023 4:15:10PM
1 Iams 17, 77555-02-7				•					172072023 1.13.101141
		Volatile O	rganics l	oy EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315074-BLK1)							Prepared: 0	4/14/23 A	analyzed: 04/17/23
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	7.74		8.00		96.8	70-130			
LCS (2315074-BS1)							Prepared: 0	4/14/23 A	analyzed: 04/17/23
Benzene	4.83	0.0250	5.00		96.6	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.95	0.0250	5.00		98.9	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.2	70-130			
Matrix Spike (2315074-MS1)				Source:	E304075-	01	Prepared: 0	4/14/23 A	analyzed: 04/17/23
Benzene	4.81	0.0250	5.00	ND	96.2	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.1	61-133			
Toluene	4.93	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.78	0.0500	10.0	ND	97.8	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			
Matrix Spike Dup (2315074-MSD1)				Source:	E304075-	01	Prepared: 0	4/14/23 A	analyzed: 04/17/23
Benzene	4.78	0.0250	5.00	ND	95.6	54-133	0.597	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133	0.457	20	
Toluene	4.89	0.0250	5.00	ND	97.9	61-130	0.817	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131	0.656	20	
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131	0.413	20	
p,iii Aylene				ND		63-131	0.494	20	

8.00

7.79

70-130



Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4/2	20/2023 4:15:10PM
	Nor	nhalogenated	Organics l	by EPA 80	15D - Gl	RO			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 (2315074-BLK1)							Prepared: 0	4/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
LCS (2315074-BS2)							Prepared: 0	4/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
Matrix Spike (2315074-MS2)				Source:	E304075-	01	Prepared: 0	4/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			
Matrix Spike Dup (2315074-MSD2)				Source:	E304075-	01	Prepared: 0	4/14/23 Ana	lyzed: 04/17/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	0.638	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 4:15:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					1/20/2023 4:15:10PM
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316002-BLK1)							Prepared: 0	4/17/23 An	alyzed: 04/19/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			
LCS (2316002-BS1)							Prepared: 0	4/17/23 An	alyzed: 04/19/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.3	38-132			
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			
Matrix Spike (2316002-MS1)				Source:	E304075-	08	Prepared: 0	4/17/23 An	alyzed: 04/19/23
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.6	38-132			
Surrogate: n-Nonane	46.1		50.0		92.3	50-200			
Matrix Spike Dup (2316002-MSD1)				Source:	E304075-	08	Prepared: 0	4/17/23 An	alyzed: 04/19/23
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.3	38-132	7.25	20	
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			



Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:	0	ayhawk 7 CTB 1058-0007	3				Reported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					4/20/2023 4:15:10PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315087-BLK1)							Prepared: 0	4/18/23	Analyzed: 04/18/23
Chloride	ND	20.0							
LCS (2315087-BS1)							Prepared: 0	4/18/23	Analyzed: 04/18/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2315087-MS1)				Source:	E304075-0)1	Prepared: 0	4/18/23	Analyzed: 04/18/23
Chloride	732	20.0	250	465	107	80-120			
Matrix Spike Dup (2315087-MSD1)				Source:	E304075-0)1	Prepared: 0	4/18/23	Analyzed: 04/18/23
Chloride	708	20.0	250	465	97.1	80-120	3.30	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:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 16:15

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.



	pill To		-		Lab	Use C	Drily	1		TAT		EPA Pr	ogram
Client: Pima Environmental Services	Attention: Devoito	1	Lab V	104			Number	10	2D	3D	Standard	CWA	SDWA
Project: Jayhawk 7CTB3	Attention: 1900						0028-0001				X		
Project Man ager: Tom Bynum	Address:		ES	241	075	An	alysis and Meth	od	4	-	1		RCRA
Address: 56 14 N. Lovington Hwy.	City, State, Zip	-				An	alysis allu Medi	1	1	TT			
City, State, Zip Hobbs, NM, 88240	Phone:				Σ					1 1		State	
Phone: 580-748-1613	Email:		8015	8015	164				1	1 1	NMI CO	UT AZ	TX
Email: tom@pimaoil.com	Pima Project # 290		by 8	by 8)21	00 0	300.0	Z.	×		X	0. /	
Report due by:	Fillia Project # 290	100000000000000000000000000000000000000	80	80	η 8C	782	8 3			1 1	1		
Time Date Matrix No. of Containers Sam	n ple ID	Lab Number	DRO/ORO by	GRO/DRO by	втех by 8021	VOC by 8260	Chloride	BGDOC	BGDOC			Remarks	
8:40 4/11/23 S 1 SU	6-1'	1						χ					
	6-2'	2						1					
	6-3'	3											
8:50		24 C C C C C C C C C C C C C C C C C C C				+		\exists			- 17		
8:55 Su	6-4'	4						\dashv	1				
9:00	7-/'	5						-	1				-
9:05 S	7-2'	6											
9:10 S	7-3'	7											
	~	à		-					MI				
9:15	7.4'	8						\mathbb{H}	+				
9:20	8-/'	9						$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$		_			
9:25 1 1 2 3	8-2'	10						1					
Additional Instructions:	IIIng #: 21147066												
	of this sample. I am aware that tampering with or intentionally mislabelling	ng the sample	locatio	on.		Sa	mples requiring therm	al prese	rvation	must be re	ceived on ice the d	ay they are sam	pled or received
date or time of collection is considered fraud and may be	e grounds for legal action. Sampled by: Avariance	Bend	wid	03	2	pa	cked in ice at an avg t	emp abo				days.	11, 11
Relinquished by: (Signature) Date 4.13.2	Date 4-13-0	1)	Time	100	R	eceived on ice	. (y)	Use Or N	шy			
Relinquished by: (Signature) Relinquished by: (Signature) Mullu lungle 4.13.23 2:00 Muchelle lungle Received by: (Signature) Date 1.13.23 16 w Cuthe hat					30		1	198		*	<u>T3.</u>	livil.	
Relinquished by: (Signature) Date Time Received by: (Signature) Date							VG Temp °C	11		· 1			
		Cantain	. Tim	_	Parella		/plastic, ag - ar		elass	v - VOA	t oe wee 15 of the	100012	- Proceeding
Sample Matrix: S - Soil Sd - Solid, Sg - Sludge, A - Aqueou	us, 0 - Other are reported unless other arrangements are made. Hazardous s	Containe	borst	(E-	glass,	nt or di	conced of at the	client e	expen	se. The	report for the a	analysis of th	ie above
Note: Samples are discarded 30 days after results a	are reported unless other arrangements are made. Hazardous steed by the laboratory with this COC. The liability of the laboratory	is limited to	o the a	mou	nt paid	for on t	he report.		23/4/72/1	Ter 1087	1		

Circle Ding Facing montal Continue			-	Lat	Use	Only	,			TAT		EPA Pr	
Client: Pima Environmental Services Project: Jayhaw K 7 CTB 3 Project Manager: Tom Bynum Address:		Lab \	MOH				umber	1D	2D	3D	Standard	CWA	SDWA
Project Man ager: Tom Bynum Address:		E2	740	515			7000-8				X		
Address: 56 14 N. Lovington Hwy. City, State, Zip		1	<u> </u>	010	A	nalys	is and Metho	od			- 4		RCRA
City, State, Zip Hobbs, NM. 88240 Phone:	_			T		Ť		1					
Phone: 580–748-1613 Email:		ın	νi			- 1				1 1		State	
Email: tom@pimaoil.com		801	801	-			9	-		1 1	NM CO	UT AZ	TX
Report due by: Pima Project # 290		yd C	yd C	802	3260	010	300.0	NM	7		X		
Neport de Sy.	Lab	/OR	/DR	yd >	by 8	als 6	ride	BGDOC	BGDOC	1 1		Remarks	
Time Date Matrix No. of Containers Sample ID	Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8023	VOC by 8260	Metals 6010	Chloride			\vdash		1,52,110	
9:30 4/1/23 S / S8-3'	11							X					
9:35	12							1					
9:40 59-1'	13												
9:45 \$9-2'	14											40.	
9:50 \$9.3'	15											36	
9:55 \$9-4'	10												
40:00 \$10.1'	17												
10:05 510-2'	18	17											
10:10 S10-3'	19												
10:15 - 1 510-4'	20								L				
Additional lanstructions: Billing # :	211470	(0(9										
(1.45-14 exemples) attact to the validity and authoricity of this sample. Lam aware that tampering with or intentionally mi	islabelling the sample	le locati	ion,	*****		Sample	s requiring therm	al prese	rvation	must be re	ceived on ice the d	y they are san	npled or received
date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Aucl 1	ana Benay	ide	3			packed	in ice at an avg te				°C on subsequent		
Relinquished by: (Signature) Date 4-13-23 Received by: (Signature)) Wellet Hump	Date	-	Time	100		Rece	ived on ice		Lab Y)/	Use On N	ly		\$14.
Relinquished by: (Signature) Date 4-13-23 Time Received by: (Signature) Court	> Pate 4/14/		Time	30		T1.		T2	<u> </u>		<u>T3.</u>	A 14. 5	, 5 × 1.3
Relinquished by: (Signature) Date Time Received by: (Signature)	Date		Time			1. 1. 1. 1. 1.	Temp°C_	**		1.			
	Containe	er Tyn	66-	glass	n-no	olv/pl	astic. ag - an	nber g	glass,	v - VOA			
Sample Matrix S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	rdous samples wi	Il be re	tume	d to cli	ent or	dispo	sed of at the	client e	expens	se. The	report for the a	inalysis of t	he above
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Traca	oratory is limited	to the	amou	nt paid	foro	ther	report.						

Printed: 4/17/2023 12:13:06PM

Envirotech Analytical Laboratory

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:	04/14/23	08:30	Work Order ID:	E304075
Phone:	(575) 631-6977	Date Logged In:	04/13/23	17:00	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/20/23	17:00 (4 day TAT)		
	Custody (COC)					
1. Does the sample ID match the COC? 2. Does the number of complex new compline site location metals 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?4. Was the COC complete, i.e., signatures, dates/times, requested analyses?		Yes	Carrier: C	<u>'ourier</u>		
		sted analyses?	Yes			
5. were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes	_	Comme	nts/Resolution
Sample T	urn Around Time (TAT)				D ' . I 1 1 7 CT	D 2.1 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Jayhawk 7 CT	
Sample C	<u>Cooler</u>				separated into 3 report	s due to sample
	ample cooler received?		Yes		volume. Workorders a	re as follows:
8. If yes,	was cooler received in good condition?		Yes		E304074, E304075 &	E304076. White out
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		present on COC when	
10. Were	custody/security seals present?		No		present on COC when	received from enem.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	oel_					
20. Were	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
_	ate/Time Collected?		Yes	L		
	ollectors name? reservation		No			
	reservation the COC or field labels indicate the samples were pre-	recerved?	No			
	imple(s) correctly preserved?	reserveu:				
	filteration required and/or requested for dissolved n	netals?	NA No			
	•	101111111111111111111111111111111111111	110			
	se Sample Matrix the sample have more than one phase, i.e., multipha	ຕວາ	NT-			
	does the COC specify which phase(s) is to be analy		No			
		yzea:	NA			
	act Laboratory	9	NT.			
	amples required to get sent to a subcontract laborato	-	No	G 1		
	subcontract laboratory specified by the client and in	r so wno?	NA	Subcontract Lab	: na	
Client In	struction					
						0

Date

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

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 234991

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	234991
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	9/22/2023