



NMOCD District 2 811 S First St Artesia, NM 88210

**RE:** Remediation Closure Report **LOCATION**: Diamond PWU 22 #001H

WELL API #: 30-015-38334 GPS: 32.6519089, -103.0702057

**INCIDENT LOCATION: D-22-T19S-R29E** 

**COUNTY:** Eddy

NMOCD REF. NO. nAB1914250102

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Remediation Closure Report for a produced water release that occurred at the Diamond PWU 22 #001H (Diamond). This incident was assigned Incident ID nAB1914250102 by the New Mexico Oil Conservation Division (NMOCD).

#### RELEASE INFORMATION

**nAB1914250102:** On May 8, 2019, a pin hole developed on the bottom of the pipe connecting the water line between the heater treater and the three-phase separator. The affected area measured approximately 60 feet by 220 feet and 220 feet by 15 feet.

#### SITE CHARACTERIZATION

The Diamond is located approximately twelve (12) miles southwest of Loco Hills, NM. This spill site is in Unit D, Section 22, Township 19S, Range 29E, Latitude 32.6519089, Longitude -104.0702057, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region (Middle to lower Pleistocene). The soil in this area is made up of Kimbrough-Stegall loams, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present around the Diamond (Figure 3). Reference Figure 2 for a Topographic Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 60 feet below grade surface (bgs). This information is provided by CP-01932-POD1 which is located approximately 1.2 miles west of the Diamond and was drilled on December 15, 2022. According to the United States Geological Survey, USGS 323900104052901 19S.29E.20.24111 RATLSNAKE puts the nearest groundwater at 58.95 feet bgs, with the last gauge being conducted in 1983. This well resides approximately 1.1 miles west of the Diamond. The closest surface water body is an unnamed pond located approximately 5.61 miles to the southeast of this location. See Appendix A for referenced Water Surveys and Water-Related Maps.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Freshwater Emergent Wetland lies approximately 1.21 miles to the west of the Diamond. According to a FEMA search for flood hazard information, the Diamond is in Zone X – Area of Minimal Flood Hazard.

Closure criteria for releases at the Diamond are classified under the less than 50-foot depth to ground water section of Table 1 19.15.29.12 NMAC due to the high karst zone that it resides in.

#### PREVIOUS ACTIVITY & DENIED CLOSURE REPORTS

On August 4, 2021, a remediation closure report was submitted, written by Talon LPE, addressing three (3) different incidents; nAB1601139679, nAB1721657722, and nAB1914250102 (OCD Online: Permitting – Application ID 40016 & 40023). Incident ID nAB1601139679 was recently addressed in a separate closure report and was approved by the



NMOCD on September 30, 2024 (OCD Online: Permitting – Application ID 385501).

Incident ID nAB1721657722 received a denial of the Talon closure report on September 21, 2022, citing: "Initial C-141 states "Illegal dump was located in the middle of location. The OCD was notified of the incident. An environmental contractor will be contacted to assist with the delineation and remediation". Delineation/assessment was not completed for the middle of the pad. 2RP-4318 has been closed. Please refer to incident #NAB1721657722 for all future communications. Please submit a report through the OCD Permitting website by 12/23/2022."

Incident ID nAB1914250102 received a denial of the Talon closure report on November 16, 2021, citing: "The closure report is denied. All sample points, except the requested sample points for deferral, must have contaminated soil removed before a deferral request is uploaded to the payment portal. The only remediation that should remain are the sample points that are being requested for deferral. Use a hydrovac/shovel to safely remove the contaminated soil around equipment and pipelines. Only sample points that require a major facility deconstruction will be available for deferral. Most importantly, specify exactly which sample points you are asking for a deferral on and the reason the contaminants can't be removed. Please make sure the closure page is signed before the updated report is loaded back onto the payment portal."

On June 19, 2023, a remediation closure report was submitted, written by Pima Environmental, addressing two (2) different incidents; nAB1721657722 and nAB1914250102 (OCD Online: Permitting – Application ID 229882 & 229887).

Incident nAB1721657722 received a denial of the Pima closure report on July 14, 2023, citing: "Areas of contamination identified in the rejected application ID 40016 will need to be addressed. Numerous samples fall outside of the footprints of the excavations detailed in this report. Submit a complete report through the OCD permitting website by 10/14/2023."

Incident nAB1914250102 received a denial of the Pima closure report on November 15, 2023, citing: "Closure denied. Areas of contamination identified in the rejected application ID 40023 will need to be addressed. Numerous samples fall outside of the footprints of the excavations detailed in this report. Devon has until 1/14/2023 to submit a complete closure report."

Comparing all sample points and impacted areas assessed and/or remediated by Talon in 2020 and 2021, then by Pima in 2023, research shows that 7 different areas were not at any point addressed. These areas total approximately 1,400 square feet and calculate approximately 260 cubic yards of impacted soil. Due to this area being in a high karst potential zone, the regulatory limits for contamination here are subject to the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

On September 25, 2024, Pima personnel along with the Devon construction department mobilized to the site to begin excavating the remaining 7 impacted areas. A 200-square-foot area surrounding the original sample point S-2 was excavated to a depth of 2' bgs. Approximately 15 cubic yards of soil were removed from this area. A 200-square-foot area surrounding the original sample point S-5 was excavated to a depth of 9' bgs. Approximately 67 cubic yards of soil were removed from this area. A 200-square-foot area surrounding the original sample point S-8 was excavated to a depth of 6' bgs. Approximately 44.5 cubic yards of soil were removed from this area. A 200-square-foot area surrounding the original sample point S-10 was excavated to a depth of 6' bgs. Approximately 44.5 cubic yards of soil were removed from this area. A 200-square-foot area surrounding the original sample point S-11 was excavated to a depth of 10' bgs. Approximately 74 cubic yards of soil were removed from this area. A 200-square-foot area surrounding the original sample point S-12 was excavated to a depth of 1' bgs. Approximately 7.5 cubic yards of soil were removed from this area. Reference Figure 4 for an Excavation Map.

On October 1, 2024, after Devon submitted a 48-hour notification for confirmation sampling, Pima personnel returned to the site to collect 5-point composite samples from the bases and walls of the excavated areas. A total of 20 composite samples were collected with 7 representing base samples and 13 representing wall samples. These samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories to be analyzed for all constituents listed in Table 1 19.15.29.12 NMAC.

Based on these laboratory reports, the sample results from sample points CW9 and CW10, representing the walls of the CS5 excavation, are still over the regulatory limits per the less than 50-foot depth to groundwater section of Table 1. All other sample results are under regulatory limits.

On October 4, 2024, Devon and Pima returned to the site to extend the north, west, and south walls of the CS5 excavation an additional 6 inches laterally to remove the still existing contaminated soil. Approximately 8 cubic yards was removed from these 3 walls.

On October 8, 2024, after Devon submitted another 48-hour notification for confirmation sampling, Pima personnel returned to the site to recollect 5-point confirmation samples from the CW9, CW10, and CW11 sample point areas. The sample result from CW11 was previously under the regulatory limit, however, one of its subsamples was from a wall that was extended. All samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1. The results of all sampling events can be found in the Data Tables in Figure 5. A Previous Confirmation Sample Map can be referenced in Figure 6. Complete laboratory reports can be found in Appendix E.

#### REMEDIATION CLOSURE REPORT DENIED

Reasons for denial associated with nAB1914250102 highlighted below:

(10/29/2024), The report authored by Talon and submitted 8/4/2021 and subsequently rejected by OCD on 11/16/2021, requests a deferral of the contamination which is contradictory to the closure request submitted under this application. Due to this discrepancy, OCD will not accept previously rejected reports included as an attachment as a comprehensive report for all remedial activities.

(10/29/2024), Clarify if P3, 65CS and 66CS represent the former location of S-6. If so, this excavation was only 1 ft deep and does not address the contamination found at 0-14 feet and 18 feet that was discovered during the 2020 sampling event.

(10/29/2024), Clarify if P4, 63CS, and 64CS represents the former location of B1.

(10/29/2024), Clarify if P2, 67CS, and 68CS represent additional contamination found during assessment activities.

(10/29/2024), Clarify if former sampling location S-12 was encompassed by the 1.5-foot excavation completed by Pima in 2023.

(10/29/2024), Clarify if former sampling location S-13 was encompassed by the 3.5-foot excavation completed by 3.5-foot excavation completed by Pima in 2023. If so, the contamination found in 2020 at 4 feet and 8 feet must be addressed.

(10/29/2024), A complete and accurate report must be submitted through the OCD Permitting website by 11/29/2024. Failure to submit a complete and accurate report by 11/29/2024 may result in compliance and enforcement penalties pursuant to 19.15.5 NMAC.

**Point 2:** P3, 65CS and 66CS do in fact represent the former location S-6. The contamination found in 2020 at 0-14 feet and 18 feet will be addressed accordingly.

Point 4: P2, 67CS and 68CS do represent additional contamination found during re-assessment activities.

**Reasons 3, 5,** and **6** will be addressed in a separate remediation plan report for incident nAB1721657722.

#### ADDITIONAL DELINEATION & REMEDIATION ACTVITIES

On January 27, 2025, the Devon construction department and Pima Environmental mobilized personnel and equipment to the site to collect investigative samples at 1' increments down to 20' bgs to locate possible contamination. The area of concern has been measured out to be 86 square feet and includes the previous sample point S-6. A total of 2 sample points were marked, and a mechanical auger with extensions was used to assist in sample collection. Samples were collected and immediately put on ice, then 8 samples from each sample point were prepared and delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The sample results from this sampling event can be found in the Data Tables which are included in Figure 5. Complete Laboratory Reports can be referenced in Appendix E. For reference, the Sampling Map can be found in Figure 7.

Base on the laboratory results reported for this investigative sampling event, the contamination levels represented in all sample points are under the regulatory limits according to the closure criteria outlined in the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. Chlorides in this area have successfully been removed with previous remediation activities, and/or have attenuated to acceptable levels as per the regulatory requirements of previously stated closure criteria. Devon is also aware of and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan report addressing a minimum of four feet of non-waste containing earthen material. Followed by a revegetation plan report once the site has reached the required vegetative status.

Should you have any questions or need additional information, please feel free to contact: Devon Energy Production – Jim Raley at 575-689-7597 or <a href="mailto:jim.raley@dvn.com">jim.raley@dvn.com</a>. Pima Environmental – Tom Bynum at 575-964-7740 or tom@pimaoil.com.

### **ATTACHMENTS**

#### **FIGURES:**

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Excavation Map
- 5- Data Tables
- 6- Previous Confirmation Sample Map
- 7- Sampling Map

#### **APPENDICES:**

Appendix A – Water Surveys & Water-Related Maps

Appendix B - Soil Survey & Geological Data

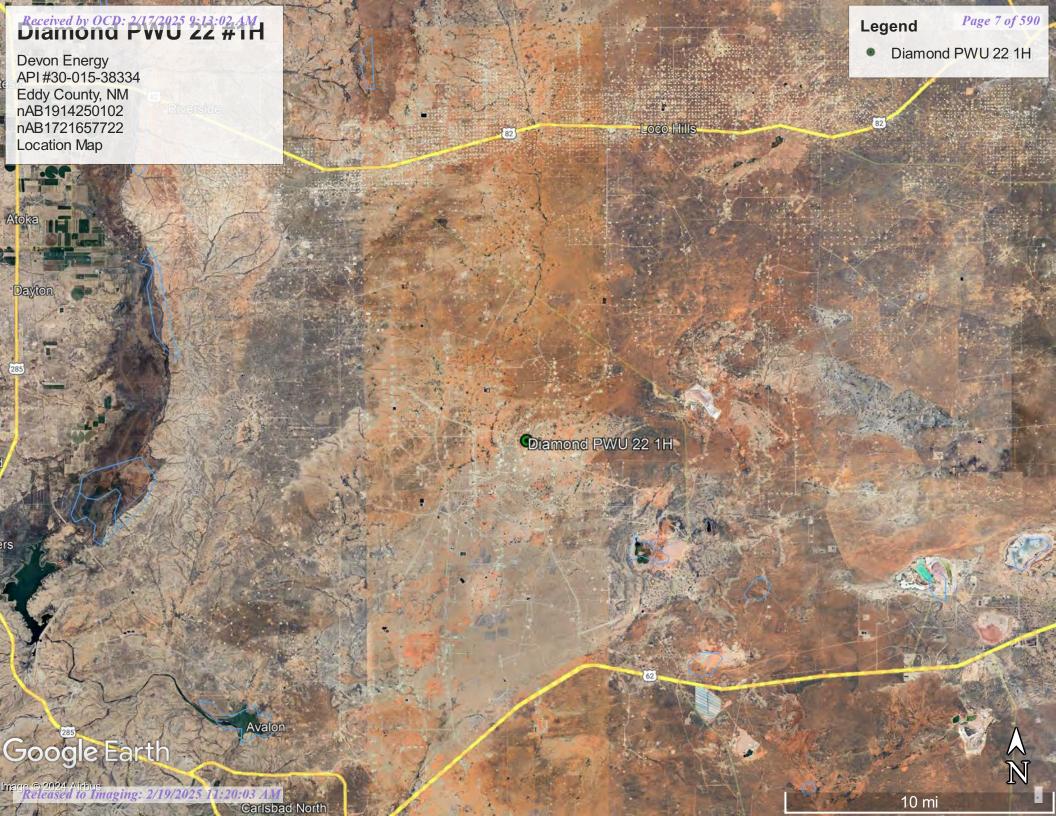
Appendix C – Initial Form C-141 & 48-Hour Notifications

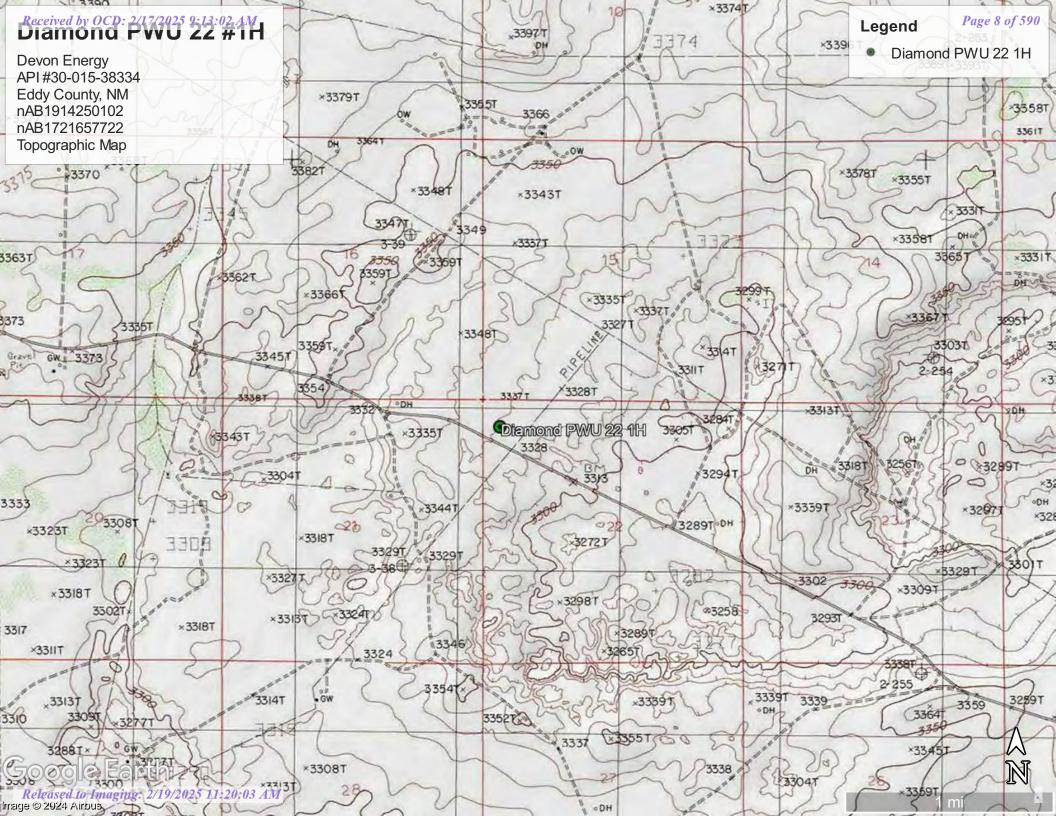
Appendix D - Photographic Documentation

Appendix E - Laboratory Reports

# **FIGURES**

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Excavation Map
- 5- Data Tables
- 6- Previous Confirmation Sample Map
- 7- Sampling Map





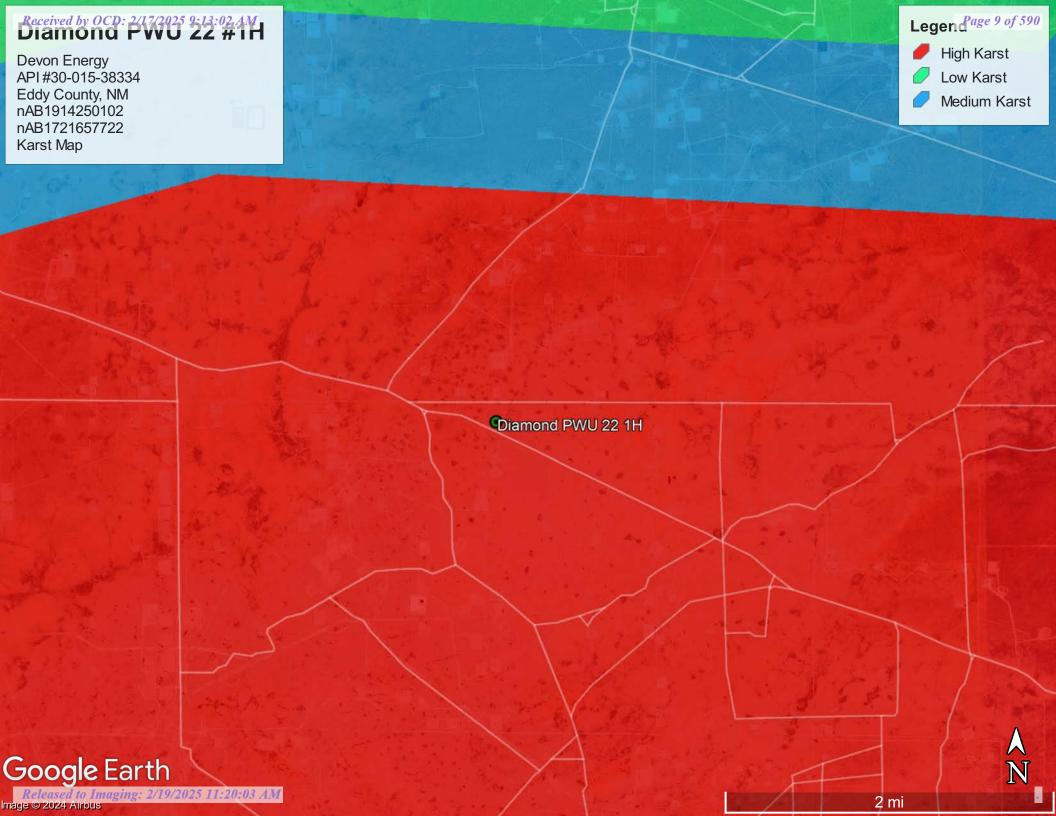




Table 1 : Soil Sample Analysis

		10	able i . c	oui Saiii	ole Allai	ysis			
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	Closure Criteria 19.15.29.12 NMAC		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-1	0-1	4/29/2020	ND	ND	ND	ND	ND	-	ND
	0-1	4/29/2020	ND	ND	ND	ND	ND	-	1000
6.2	1-2	9/16/2020	NT	NT	NT	NT	NT	-	ND
S-2	2-3	9/16/2020	NT	NT	NT	NT	NT	-	ND
	3-4	9/16/2020	NT	NT	NT	NT	NT	-	ND
S-3	0-1	4/29/2020	ND	ND	ND	ND	ND	-	130
S-4	0-1	4/29/2020	ND	ND	ND	ND	ND	-	ND
	0-1	4/29/2020	ND	ND	ND	300	620	920.0	65000
	1-2	9/16/2020	NT	NT	ND	ND	ND	-	1800
	2-3	9/16/2020	NT	NT	ND	ND	ND	-	100
	3-4	9/16/2020	NT	NT	ND	ND	ND	-	ND
	4-5	9/16/2020	NT	NT	ND	ND	ND	-	1000
S-5	5-6	9/16/2020	NT	NT	ND	ND	ND	-	140
3-3	6-7	9/16/2020	NT	NT	NT	NT	NT	-	150
	7-8	9/16/2020	NT	NT	NT	NT	NT	-	320
	8-9	9/16/2020	NT	NT	NT	NT	NT	-	1400
	9-10	9/16/2020	NT	NT	NT	NT	NT	-	330
	10-11	9/16/2020	NT	NT	NT	NT	NT	-	83
	11-12	9/16/2020	NT	NT	NT	NT	NT	-	78

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg	Total TPH (mg/kg)	CI (mg/kg)
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	0-1	4/29/2020	ND	ND	ND	ND	ND	-	14000
	1-2	9/16/2020	NT	NT	NT	NT	NT	-	5100
	2-3	9/16/2020	NT	NT	NT	NT	NT	-	5200
	3-4	9/16/2020	NT	NT	NT	NT	NT	-	6100
	4-5	9/16/2020	NT	NT	NT	NT	NT	-	7000
	5-6	9/16/2020	NT	NT	NT	NT	NT	-	7500
S-6	6-7	9/16/2020	NT	NT	NT	NT	NT	-	7200
3-0	7-8	9/16/2020	NT	NT	NT	NT	NT	-	8500
	10	10/9/2020	NT	NT	NT	NT	NT	-	7000
	12	10/9/2020	NT	NT	NT	NT	NT	-	4000
	14	10/9/2020	NT	NT	NT	NT	NT	-	1600
	16	10/9/2020	NT	NT	NT	NT	NT	-	550
	18	10/9/2020	NT	NT	NT	NT	NT	-	1200
	20	10/9/2020	NT	NT	NT	NT	NT	-	100
S-7	0-1	4/29/2020	ND	ND	ND	ND	ND	-	360
	0-1	4/29/2020	ND	ND	ND	14	52	66.0	9800
	1-2	9/16/2020	NT	NT	ND	ND	ND	-	1900
	2-3	9/16/2020	NT	NT	ND	ND	ND	-	5400
S-8	3-4	9/16/2020	NT	NT	NT	NT	NT	-	5200
3-6	4-5	9/16/2020	NT	NT	NT	NT	NT	-	3700
	5-6	9/16/2020	NT	NT	NT	NT	NT	-	990
	6-7	9/16/2020	NT	NT	NT	NT	NT	-	79
	7-8	9/16/2020	NT	NT	NT	NT	NT	-	ND
S-9	0-1	4/29/2020	ND	ND	ND	25	57	82.0	69
	0-1	4/29/2020	ND	ND	ND	4800	5000	9800.0	1600
	1-2	9/16/2020	NT	NT	ND	ND	ND	-	220
	2-3	9/16/2020	NT	NT	ND	ND	ND	-	74
S-10	3-4	9/16/2020	NT	NT	ND	ND	ND	-	ND
3-10	4-5	9/16/2020	NT	NT	ND	1200	1900	3100.0	400
	5-6	9/16/2020	NT	NT	ND	630	1000	1630.0	200
	6-7	9/16/2020	NT	NT	ND	28	ND	28.0	61
	7-8	9/16/2020	NT	NT	ND	ND	ND	-	ND

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	losure Ci .15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	0-1	10/21/2020	ND	ND	ND	73	65	138.0	7400
	2	11/19/2020	ND	ND	ND	ND	ND	-	3000
	3	11/19/2020	ND	ND	ND	33	58	91.0	2100
S-11	4	11/19/2020	ND	ND	ND	ND	ND	-	99
3-11	6	11/19/2020	NT	NT	NT	NT	NT	-	97
	8	11/19/2020	NT	NT	NT	NT	NT	-	4100
	10	11/19/2020	NT	NT	NT	NT	NT	1	1400
	12 R	11/19/2020	NT	NT	NT	NT	NT	-	150
	0-1	10/21/2020	ND	ND	ND	ND	ND	-	20000
	2	11/19/2020	ND	ND	ND	ND	ND	-	ND
	3	11/19/2020	ND	ND	ND	ND	ND	-	200
S-12	4	11/19/2020	ND	ND	ND	ND	ND	1	290
	6	11/19/2020	NT	NT	NT	NT	NT	-	300
	8	11/19/2020	NT	NT	NT	NT	NT	1	240
	10 R	11/19/2020	NT	NT	NT	NT	NT	-	170
	0-1	10/21/2020	ND	ND	ND	ND	ND	-	29000
	2	11/19/2020	ND	ND	ND	ND	ND	-	680
	3	11/19/2020	ND	ND	ND	ND	ND	-	81
S-13	4	11/19/2020	ND	ND	ND	17	78	95.0	9200
	6	11/19/2020	NT	NT	NT	NT	NT	-	ND
	8	11/19/2020	NT	NT	NT	NT	NT	-	4800
	10 R	11/19/2020	NT	NT	NT	NT	NT	-	ND
	0-1	10/21/2020	ND	ND	ND	ND	ND	-	1600
	1	11/20/2021	ND	ND	ND	ND	ND	-	150
S-14	2	11/20/2021	ND	ND	ND	ND	ND	-	65
	3	11/20/2021	ND	ND	ND	ND	ND	-	190
	4	11/20/2021	ND	ND	ND	ND	ND	-	ND

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	losure Ci 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-15	0-1	10/21/2020	ND	ND	ND	ND	ND	-	ND
S-16	0-1	10/21/2020	ND	ND	ND	ND	ND	-	ND
S-17	0-1	10/21/2020	ND	ND	ND	ND	ND	-	170
S-18	0-1	10/21/2020	ND	ND	ND	ND	ND	-	200
S-19	0-1	11/20/2020	ND	ND	ND	ND	ND	-	120
S-20	0-1	11/20/2020	ND	ND	ND	ND	ND	-	120
S-21	0-1	11/20/2020	ND	ND	ND	ND	ND	-	140
S-22	0-1	11/20/2020	ND	ND	ND	ND	ND	-	68
	0	2/23/2021	ND	ND	ND	25	61	86.0	3400
	2	2/23/2021	ND	ND	ND	ND	ND	-	210
	4	2/23/2021	ND	ND	ND	10	ND	10.0	110
	6	2/23/2021	NT	NT	NT	NT	NT	-	100
	8	2/23/2021	NT	NT	NT	NT	NT	-	83
	10	2/23/2021	NT	NT	NT	NT	NT	-	ND
	12	2/23/2021	NT	NT	NT	NT	NT	-	ND
	14	2/23/2021	NT	NT	NT	NT	NT	-	ND
B-1	16	2/23/2021	NT	NT	NT	NT	NT	-	ND
	18	2/23/2021	NT	NT	NT	NT	NT	-	ND
	20	2/23/2021	NT	NT	NT	NT	NT	-	ND
	25	2/23/2021	NT	NT	NT	NT	NT	-	ND
	30	2/23/2021	NT	NT	NT	NT	NT	-	ND
	35	2/23/2021	NT	NT	NT	NT	NT	-	ND
	45	2/23/2021	NT	NT	NT	NT	NT	-	74
	50	2/23/2021	NT	NT	NT	NT	NT	-	ND
	55	2/23/2021	NT	NT	NT	NT	NT	-	ND
	0	2/23/2021	ND	ND	ND	24	ND	24.0	ND
B-2	2	2/23/2021	ND	ND	ND	ND	ND	-	ND
	4	2/23/2021	ND	ND	ND	ND	ND	-	ND

ND= Analyte Not Detected

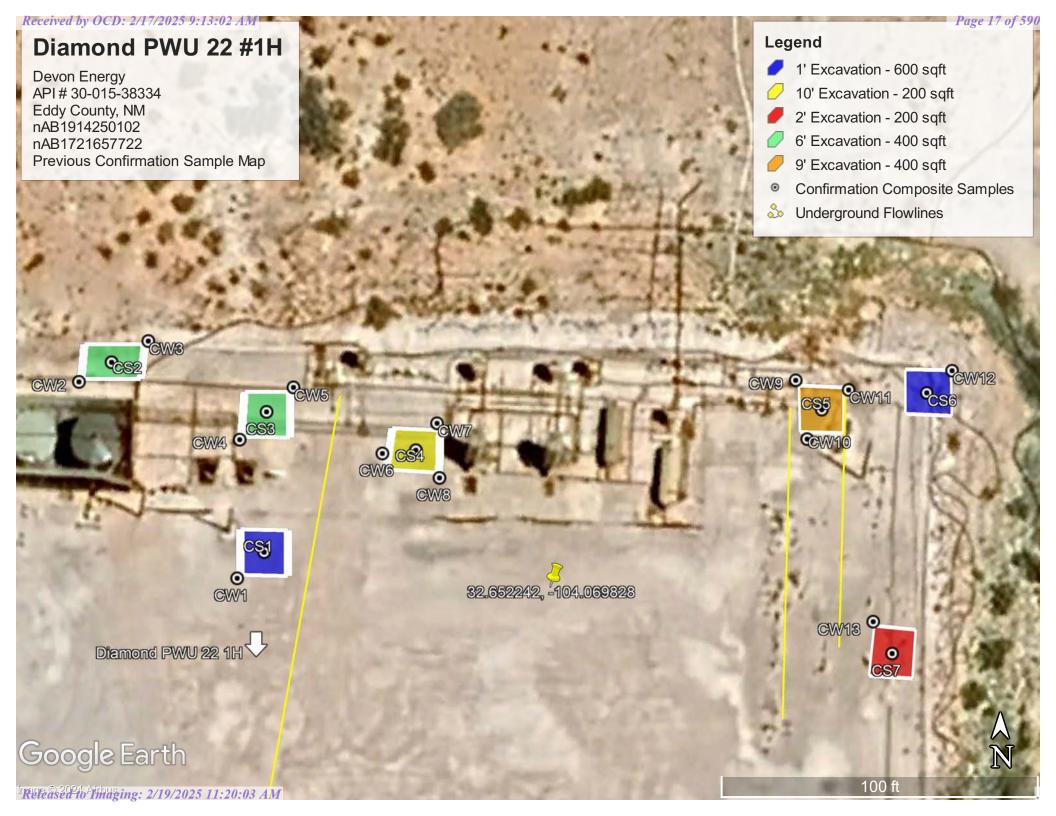
NT=Analyte Not Tested R= Boring Refusal

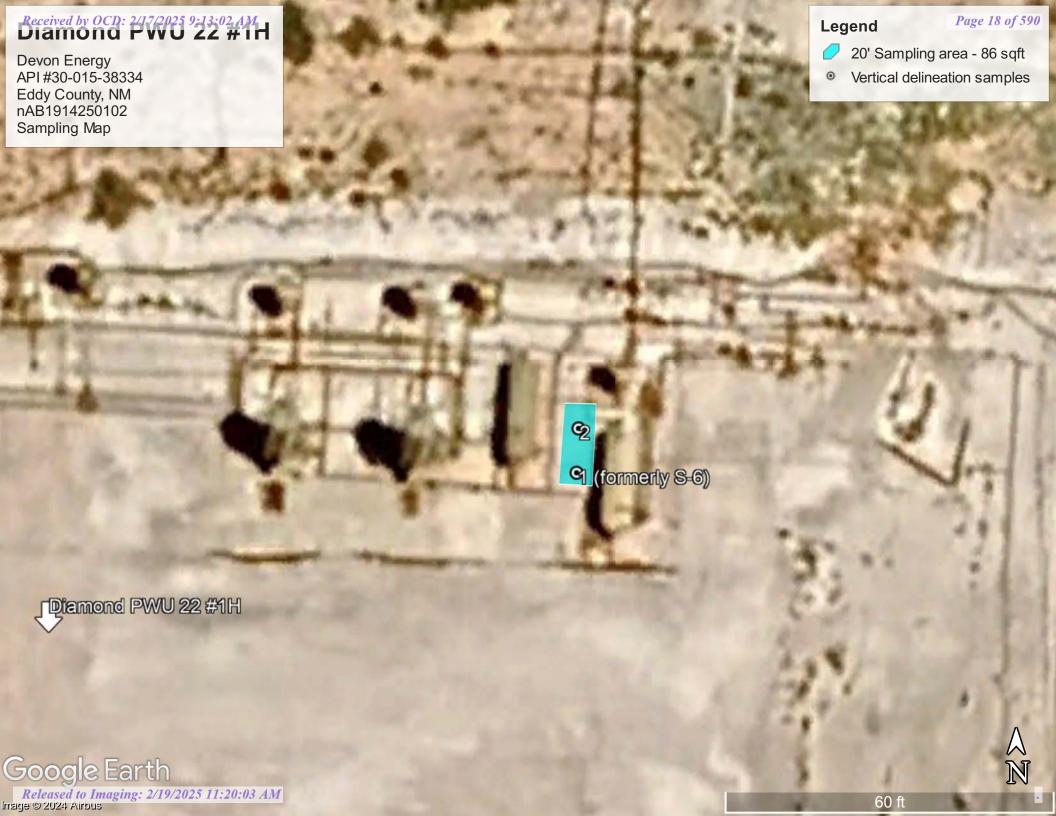
NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')										
D	<b>EVON ENEF</b>	RGY - Dian	nond PWU	22 #1H nA	B19142501	.02 & nAB	1721657722				
Date: 10/1/2	24			NM Appr	oved Labor	atory Resu	ılts				
Cample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl			
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
CS1-1'	1'	ND	ND	ND	27.6	ND	27.6	ND			
CW1-1'	2'	ND	ND	ND	ND	ND	ND	ND			
CS2-6'	3'	ND	ND	ND	ND	ND	ND	ND			
CW2-6'	4'	ND	ND	ND	ND	ND	ND	ND			
CW3-6'	1'	ND	ND	ND	ND	ND	ND	ND			
CS3-6'	2'	ND	ND	ND	ND	ND	ND	ND			
CW4-6'	3'	ND	ND	ND	61	ND	61	ND			
CW5-6'	4'	ND	ND	ND	ND	ND	ND	ND			
CS4-10'	1'	ND	ND	ND	ND	ND	ND	ND			
CW6-10'	2'	ND	ND	ND	27.8	ND	27.8	ND			
CW7-10'	3'	ND	ND	ND	ND	ND	ND	ND			
CW8-10'	4'	ND	ND	ND	27.7	ND	27.7	ND			
CS5-9'	1'	ND	ND	ND	27.6	ND	27.6	456			
CW9-9'	2'	ND	ND	ND	ND	ND	ND	626			
CW10-9'	3'	ND	ND	ND	ND	ND	ND	635			
CW11-9'	4'	ND	ND	ND	59.5	ND	59.5	250			
CS6-1'	1'	ND	ND	ND	ND	ND	ND	ND			
CW12-1'	2'	ND	ND	ND	25.2	ND	25.2	ND			
CS7-2'	3'	ND	ND	ND	ND	ND	ND	362			
CW13-2'	4'	ND	ND	ND	ND	ND	ND	465			

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')										
D	DEVON ENERGY - Diamond PWU 22 #1H nAB1914250102 & nAB1721657722										
Date: 10/8/2	Date: 10/8/24 NM Approved Laboratory Results										
Campile ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl			
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
	(CDG3)	IIIg/ kg	1116/16	IIIg/ Ng	IIIg/ kg	1118/ NB	6/ NB	1116/ NB			
CW9-9'	9'	ND	ND	ND	ND	ND	ND	ND			
CW9-9' CW10-9'					<u> </u>	<u> </u>	<u> </u>				

ND = Not Detected

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')										
	DEVON ENERGY - Diamond PWU 22 #1H - nAB1914250102										
Date: 1/27/2	25	NM Approved Laboratory Results									
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl			
Salliple ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
S1-Surface	0'	ND	ND	ND	ND	ND	ND	455			
S1-2'	2'	ND	ND	ND	ND	ND	ND	98.2			
S1-4'	4'	ND	ND	ND	ND	ND	ND	122			
S1-6'	6'	ND	ND	ND	ND	ND	ND	161			
S1-8'	8'	ND	ND	ND	ND	ND	ND	103			
S1-12'	12'	ND	ND	ND	ND	ND	ND	182			
S1-16'	16'	ND	ND	ND	ND	ND	ND	178			
S1-20'	20'	ND	ND	ND	ND	ND	ND	197			
S2-Surface	0'	ND	ND	ND	ND	ND	ND	190			
S2-2'	2'	ND	ND	ND	ND	ND	ND	146			
S2-4 <sup>'</sup>	4'	ND	ND	ND	ND	ND	ND	137			
S2-6'	6'	ND	ND	ND	ND	ND	ND	160			
S2-8'	8'	ND	ND	ND	ND	ND	ND	88.1			
S2-12'	12'	ND	ND	ND	ND	ND	ND	104			
S2-16'	16'	ND	ND	ND	ND	ND	ND	175			
S2-20'	20'	ND	ND	ND	ND	ND	ND	123			





# **APPENDIX A**

Water Surveys
Water-Related Maps



## 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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance		Depth Water	
CP 01932 POD1		CP	ED	SW	NW	NW	27	19S	29E	587173.7	3611427.8	•	1652	55		
CP 01962 POD1		CP	ED	NE	NE	SE	28	19S	29E	587024.8	3610641.8		2444	53		

Average Depth to Water: **0 feet** 

Minimum Depth: 0 feet

Maximum Depth: 0 feet

**Record Count:** 2

**Basin/County Search:** 

**County: ED** 

**UTM Filters (in meters):** 

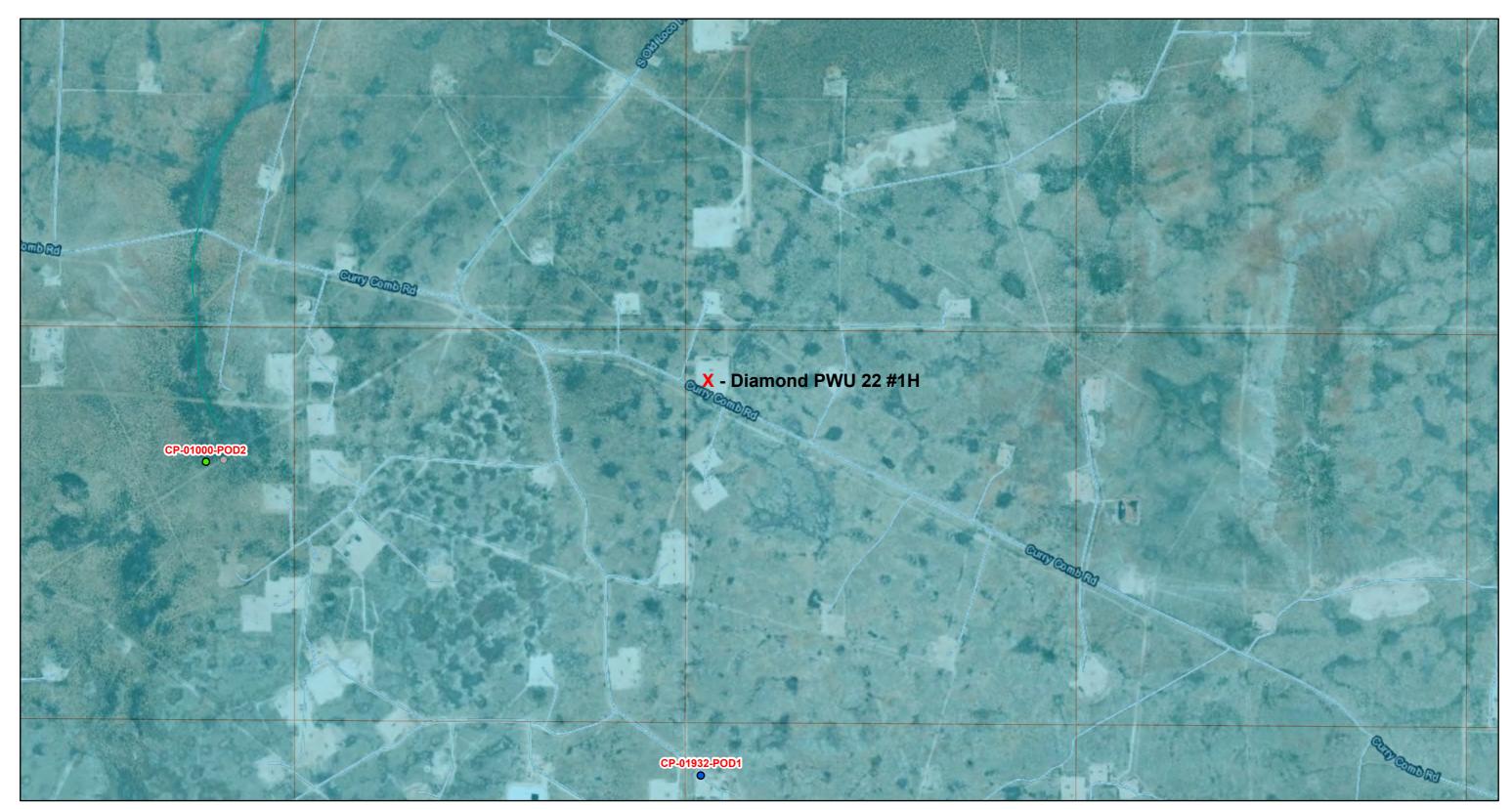
**Easting:** 587199.46 **Northing:** 3613079.77

**Radius:** 03000

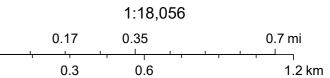
\* UTM location was derived from PLSS - see Help

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

# OSE POD Location Map







Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



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.

Groundwater levels for the Nation

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

## Search Results -- 1 sites found

site\_no list =

• 323900104052901

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

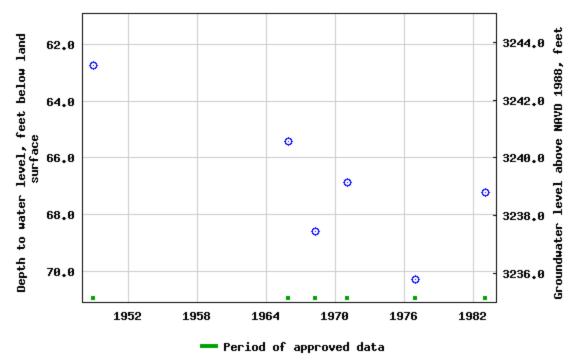
#### USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site	Groundwater:	Field measurements	<b>→</b> [ GO ]	
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°39'00", Longit	tude 104°0!	5'29" NAD27		
Land-surface elevation 3,3	06 feet abo	ve NAVD88		
This well is completed in th	ne Other aq	uifers (N9999OTh	HER) nation	nal aquifer.
This well is completed in th	ne Rustler F	ormation (312RS	LR) local ad	quifer.

## Output formats

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

#### USGS 323900104052901 19S.29E.20.24111 RATLSNAKE



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

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices

<u>U.S. Department of the Interior</u> | <u>U.S. Geological Survey</u> **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: 2024-08-06 10:47:28 EDT

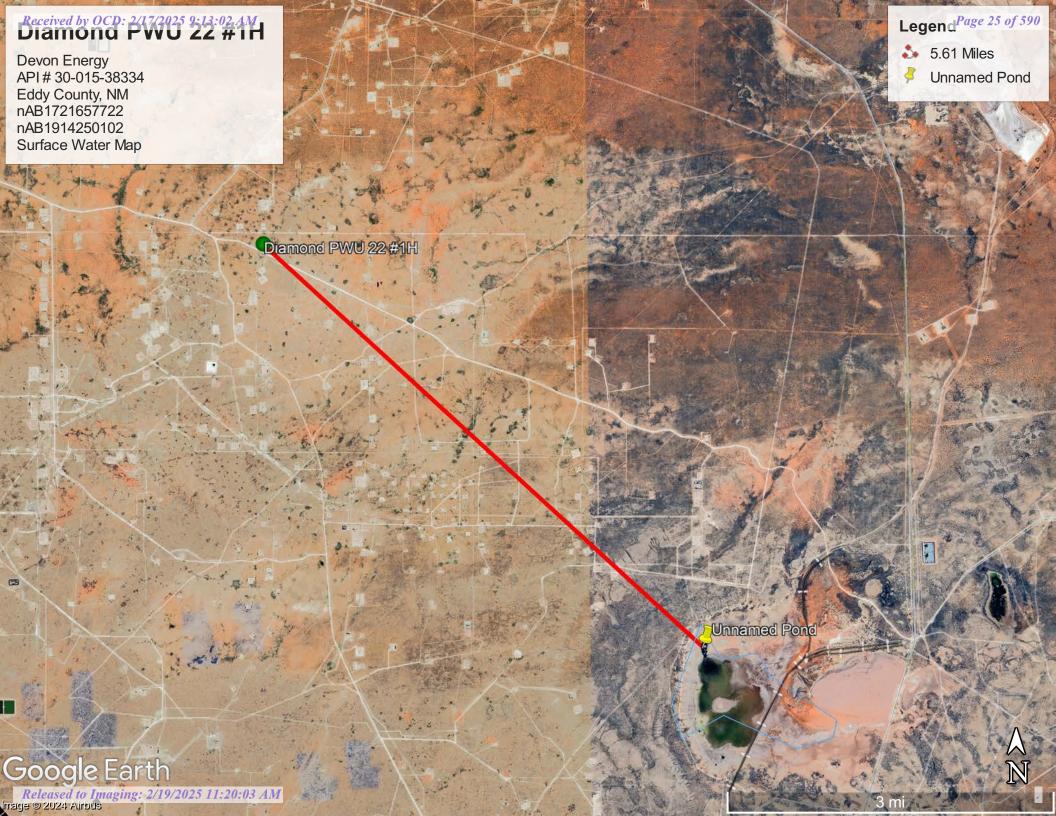
0.53 0.46 nadww02





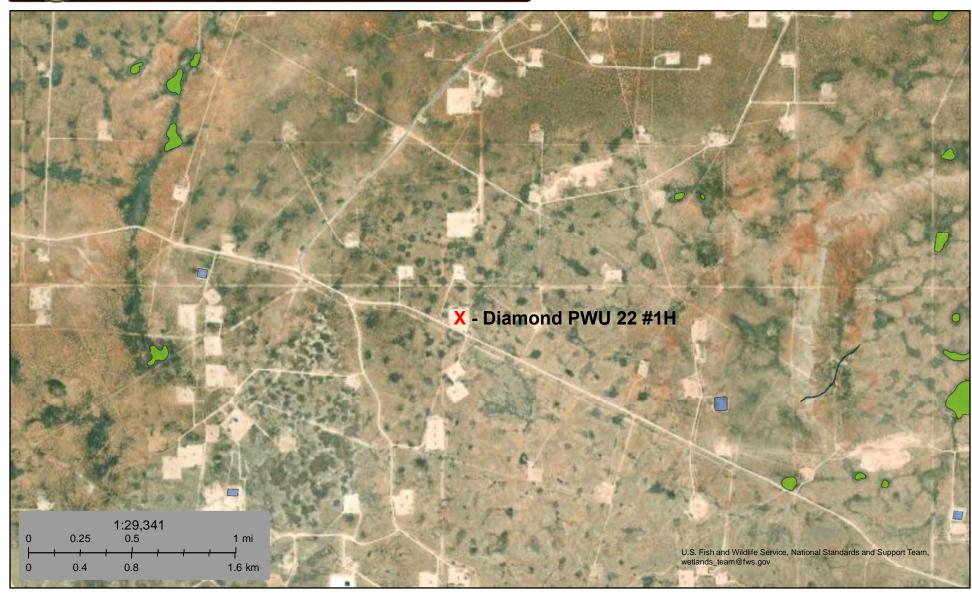
**National Water Information System: Mapper** 







## Wetlands Map



August 6, 2024

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

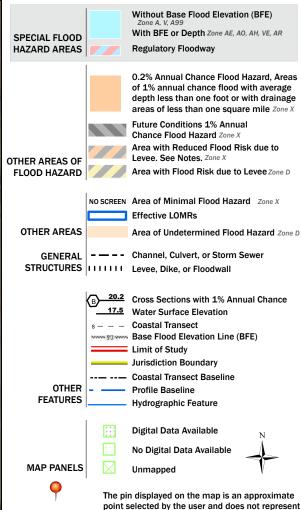
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Received by OCD: 2/17/2025 9:13:02 AM National Flood Hazard Layer FIRMette





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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/6/2024 at 10:51 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



# **APPENDIX B**

Soil Survey
Soil Map
Geologic Unit Map

### **Eddy Area, New Mexico**

#### KT—Kimbrough-Stegall loams, 0 to 3 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w4t Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

#### **Map Unit Composition**

Kimbrough and similar soils: 70 percent Stegall and similar soils: 25 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **Description of Kimbrough**

#### Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

#### Typical profile

H1 - 0 to 3 inches: loam H2 - 3 to 9 inches: loam H3 - 9 to 60 inches: indurated

#### Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 8 to 20 inches to petrocalcic

Drainage class: Well drained Runoff class: Very 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: 15 percent

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

mmhos/cm)

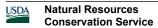
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s



Hydrologic Soil Group: D

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

#### **Description of Stegall**

#### Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

#### Typical profile

H1 - 0 to 5 inches: loam
H2 - 5 to 28 inches: clay loam
H3 - 28 to 32 inches: indurated
H4 - 32 to 60 inches: variable

#### Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained Runoff class: Medium

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

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 90 percent Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 4.8 inches)

#### Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

#### **Minor Components**

#### Simona

Percent of map unit: 5 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

#### **Data Source Information**

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





#### MAP LEGEND

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

#### **Special Point Features**

Blowout  $\odot$ 



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



**Gravelly Spot** 



Landfill



Lava Flow Marsh or swamp





Mine or Quarry Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip Sodic Spot

â Stony Spot

Spoil Area

00

Very Stony Spot

Wet Spot Other

Δ

Special Line Features

#### Water Features

Streams and Canals

#### Transportation



Rails

Interstate Highways



**US Routes** 



Major Roads



Local Roads

#### Background



Aerial Photography

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

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

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

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

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

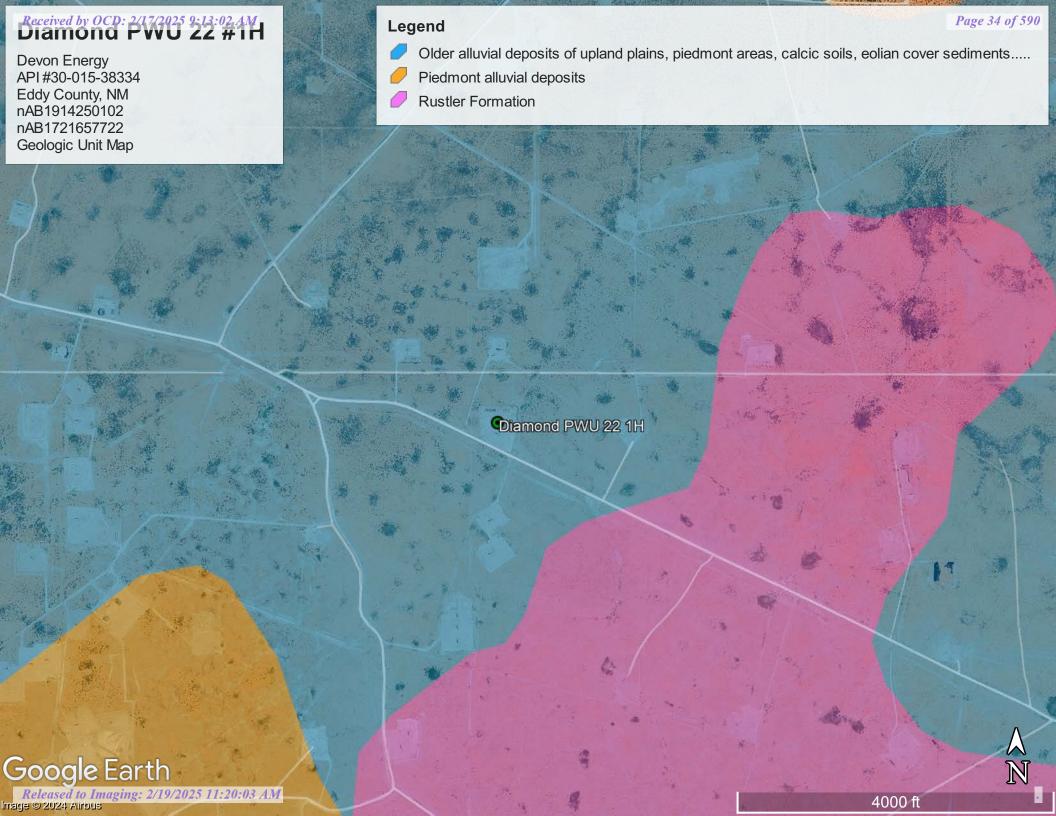
Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Nov 12. 2022—Dec 2. 2022

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

## **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
КТ	Kimbrough-Stegall loams, 0 to 3 percent slopes	7.9	100.0%
Totals for Area of Interest		7.9	100.0%



# **APPENDIX C**

Initial Form C-141
48-Hour Notifications

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	
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible Party				OGRID	OGRID			
Contact Name				Contact To	Contact Telephone			
Contact email				Incident #	Incident # (assigned by OCD)			
Contact mail:	ing address			1				
Location of Release Source								
Latitude Longitude								
			(NAD 83 in dec	cimal degrees to 5 decir	nal places)			
Site Name				Site Type	Site Type			
Date Release Discovered				API# (if app	API# (if applicable)			
Unit Letter	Section	Township	Range	Cour	ntv	]		
Onit Detter	Section	Township	runge	Cour	County			
Surface Owner	r: State	Federal Tr	ibal Private (I	Name:		)		
			Nature and	d Volume of 1	Release			
Material(s) Released (Select all that apply and attach calculati  Crude Oil Volume Released (bbls)			calculations or specific	vr specific justification for the volumes provided below)  Volume Recovered (bbls)				
		Volume Released (bbls)			Volume Recovered (bbls)			
			` '	of total dissolved solids (TDS)		Yes No		
in the produced water >10,000 mg/l?								
Condensate Volume Released (bbls)				Volume Recovered (bbls)				
Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide units			e units)	Volume/Weight Recovered (provide units)				
Cause of Rele	ease							

Received by OCD: 2/17/2025 9:13:02 AM
Form C-141 State of New Mexico
Page 2 Oil Conservation Division

Pag	e	3	7	of	5.	91

Incident ID

ge 2	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC?	release as defined by		
☐ Yes ☐ No			
If YES, was immediate no	otice given to the OCD? By whom? To whom? Wh	en and by what means (phone, e	mail, etc)?
	Initial Response	e	
The responsible p	party must undertake the following actions immediately unless the	y could create a safety hazard that would	d result in injury
☐ The impacted area ha☐ Released materials ha	ease has been stopped.  as been secured to protect human health and the environment of th	orbent pads, or other containmen	nt devices.
If all the actions described	d above have <u>not</u> been undertaken, explain why:		
has begun, please attach	IAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have that area (see 19.15.29.11(A)(5)(a) NMAC), please attained at the commence of the responsible party may commence remediation.	ve been successfully completed	or if the release occurred
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.			

Date: \_\_\_\_\_

Telephone:

Signature: Kendra DeHoyos

Analist Date:

Printed Name: \_\_\_\_

OCD Only

Received by:

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**

QUESTIONS

Action 387809

#### **QUESTIONS**

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	387809
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites		
Incident ID (n#)	nAB1914250102	
Incident Name	NAB1914250102 DIAMOND PWU 22 #001H @ 30-015-38334	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Well	[30-015-38334] DIAMOND PWU 22 #001H	

Location of Release Source	
Site Name DIAMOND PWU 22 #001H	
Date Release Discovered	05/08/2019
Surface Owner	State

Sampling Event General Information			
Please answer all the questions in this group.			
What is the sampling surface area in square feet	1,400		
What is the estimated number of samples that will be gathered	15		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/01/2024		
Time sampling will commence	09:00 AM		
Please provide any information necessary for observers to contact samplers	Pima 575-416-0639		
Please provide any information necessary for navigation to sampling site	From the intersection of S Old Loco Road and Curry Comb Road in Eddy county, travel southeast on Curry Comb Rd for 0.67 miles, turn north into location.		

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 387809

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	387809
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/27/2024

<u>District I</u> 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** 

QUESTIONS

Action 389842

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	389842
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1914250102
Incident Name	NAB1914250102 DIAMOND PWU 22 #001H @ 30-015-38334
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-38334] DIAMOND PWU 22 #001H

Location of Release Source	
Site Name	DIAMOND PWU 22 #001H
Date Release Discovered	05/08/2019
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	420	
What is the estimated number of samples that will be gathered	3	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2024	
Time sampling will commence	06:30 AM	
Please provide any information necessary for observers to contact samplers	Marisa Loya (575) 416-0639	
Please provide any information necessary for navigation to sampling site	From the intersection of S Old Loco Road and Curry Comb Road in Eddy county, travel southeast on Curry Comb Rd for 0.67 miles, turn north into location.	

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 389842

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	389842
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

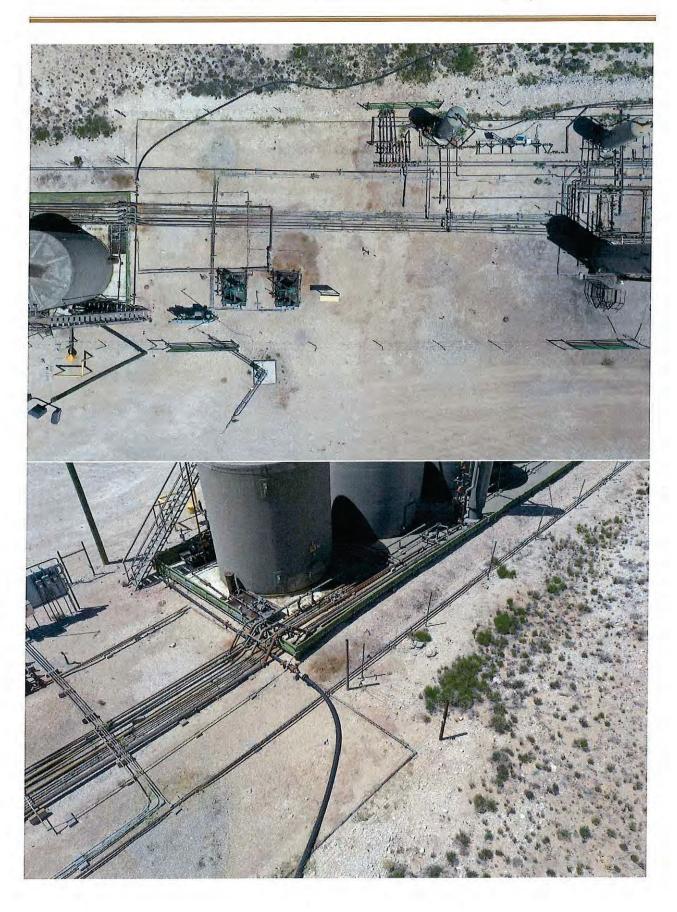
Created	Condition	Condition
Ву		Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/3/2024

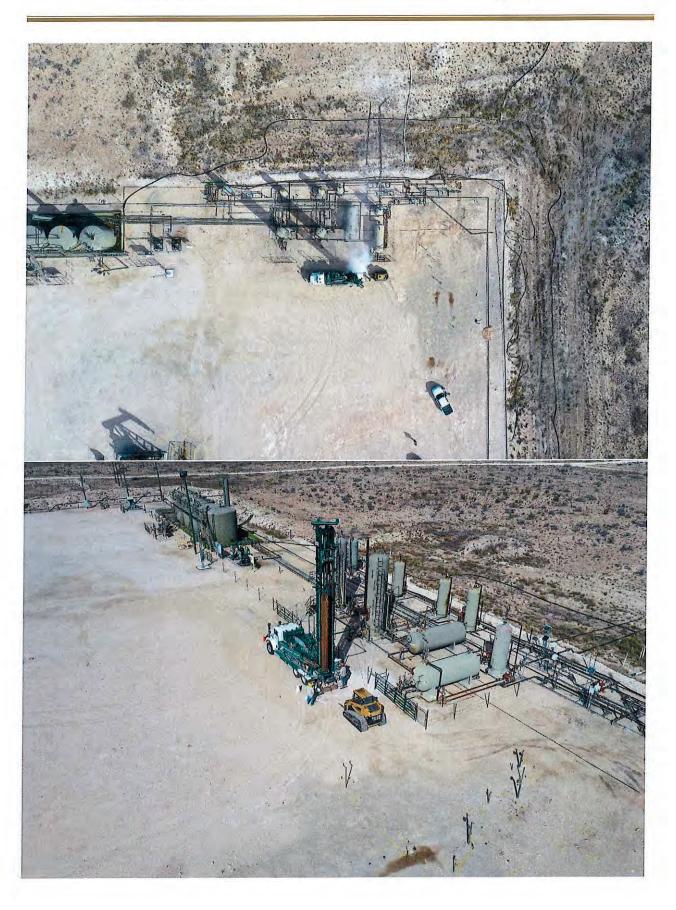
# APPENDIX D

Photographic Documentation













# SITE PHOTOGRAPHS DEVON ENERGY DIAMOND PWU 22 1H

Site Assessment



# P

#### Excavation





# P

#### **Post Excavation**



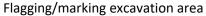






Flagging/marking excavation area







Flagging/marking excavation area



Flagging/marking excavation area



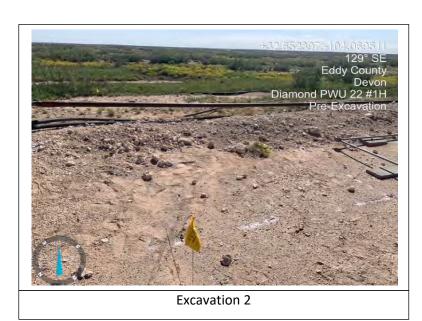
Flagging/marking excavation area



Flagging/marking excavation area



Excavation 1





Excavation 3



Excavation 4









Excavation 7





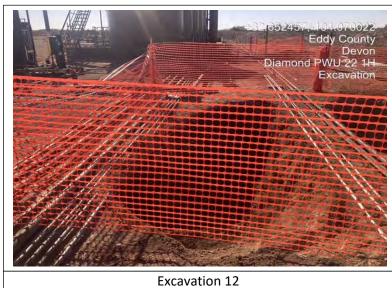




Excavation 10



Excavation 11









Excavation 15



Excavation 16







Excavation 19



Excavation 20







Excavation 23



Excavation 24



Excavation 25



Excavation 26



Excavation 27



Excavation 28









Excavation 31



Excavation 32





















# Devon Energy Production, LP Photographic Documentation Diamond PWU 22 #1H – nAB1914250102 // nAB1721657722



Backfill Aerial 3







# SITE PHOTOGRAPHS DEVON ENERGY DIAMOND PWU 22 1H

Investigative Sample Collection 2025







# **APPENDIX E**

**Laboratory Reports** 



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

May 06, 2020

Chris Jones
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Diamond PWU 22 001H

OrderNo.: 2004C19

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/30/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2004C19

Date Reported: 5/6/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Diamond PWU 22 001H

2004C19-001

Client Sample ID: S-1 0-1'

Collection Date: 4/29/2020 8:30:00 AM

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	ND	60		mg/Kg	20	5/1/2020 8:32:11 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/1/2020 2:25:46 PM	52196
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/1/2020 2:25:46 PM	52196
Surr: DNOP	98.9	55,1-146		%Rec	1	5/1/2020 2:25:46 PM	52196
EPA METHOD 8015D; GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2020 12:46:43 AM	52191
Sum: BFB	103	66.6-105		%Rec	1	5/2/2020 12:46:43 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.023		mg/Kg	1	5/2/2020 12:46:43 AM	52191
Toluene	ND	0.047		mg/Kg	1	5/2/2020 12:46:43 AM	52191
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2020 12:46:43 AM	52191
Xylenes, Total	ND	0.093		mg/Kg	1	5/2/2020 12:46:43 AM	52191
Surr: 4-Bromofluorobenzene	99.0	80-120		%Rec	1	5/2/2020 12:46:43 AM	52191

Matrix: SOIL

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

Qualifiers:

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

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

Page 1 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001H

Project: Lab ID:

2004C19-002

Matrix: SOIL

Client Sample ID: S-2 0-1'

Collection Date: 4/29/2020 8:40:00 AM

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	1000	60	mg/Kg	20	5/1/2020 8:44:35 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/1/2020 6:57:46 PM	52196
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/1/2020 6:57:46 PM	52196
Surr: DNOP	84.2	55.1-146	%Rec	1	5/1/2020 6:57:46 PM	52196
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/2/2020 1:58:19 AM	52191
Surr: BFB	104	66.6-105	%Rec	1	5/2/2020 1:58:19 AM	52191
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	5/2/2020 1:58:19 AM	52191
Toluene	ND	0.049	mg/Kg	1	5/2/2020 1:58:19 AM	52191
Ethylbenzene	ND	0.049	mg/Kg	1	5/2/2020 1:58:19 AM	52191
Xylenes, Total	ND	0.098	mg/Kg	1	5/2/2020 1:58:19 AM	52191
Surr: 4-Bromofluorobenzene	99.7	80-120	%Rec	1	5/2/2020 1:58:19 AM	52191

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

Qualifiers:

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

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

Page 2 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001H

Lab ID: 2004C19-003

Project:

Client Sample ID: S-3 0-1'

Collection Date: 4/29/2020 8:50:00 AM

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	130	60		mg/Kg	20	5/1/2020 8:57:00 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/1/2020 2:50:27 PM	52196
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/1/2020 2:50:27 PM	52196
Surr: DNOP	79.3	55.1-146		%Rec	1	5/1/2020 2:50:27 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2020 3:09:42 AM	52191
Surr: BFB	105	66.6-105		%Rec	1	5/2/2020 3:09:42 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.023		mg/Kg	1	5/2/2020 3:09:42 AM	52191
Toluene	ND	0.047		mg/Kg	1	5/2/2020 3:09:42 AM	52191
Ethylbenzene	ND	0.047	1	mg/Kg	1	5/2/2020 3:09:42 AM	52191
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2020 3:09:42 AM	52191
Surr: 4-Bromofluorobenzene	99.9	80-120	2	%Rec	1	5/2/2020 3:09:42 AM	52191

Matrix: SOIL

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

Qualifiers:

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

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

Page 3 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001H

Lab ID:

2004C19-004

Matrix: SOIL

Client Sample ID: S-4 0-11

Collection Date: 4/29/2020 9:00:00 AM

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0; ANIONS						Analyst:	MRA
Chloride	ND	60		mg/Kg	20	5/1/2020 9:09:24 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/1/2020 3:14:58 PM	52196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	- 1	5/1/2020 3:14:58 PM	52196
Surr: DNOP	80.4	55.1-146		%Rec	1	5/1/2020 3:14:58 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2020 3:33:22 AM	52191
Surr: BFB	104	66.6-105		%Rec	1	5/2/2020 3:33:22 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	5/2/2020 3:33:22 AM	52191
Toluene	ND	0.047		mg/Kg	1	5/2/2020 3:33:22 AM	52191
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2020 3:33:22 AM	52191
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2020 3:33:22 AM	52191
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	5/2/2020 3:33:22 AM	52191

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

Qualifiers:

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

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

Page 4 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5 0-1'

CLIENT: Talon Artesia Collection Date: 4/29/2020 9:10:00 AM Project: Diamond PWU 22 001H

Received Date: 4/30/2020 9:00:00 AM Lab ID: 2004C19-005 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	65000	3000		mg/Kg	1E+	5/5/2020 11:40:13 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE (	ORGANICS					Analyst	TOM
Diesel Range Organics (DRO)	300	48		mg/Kg	5	5/1/2020 9:53:28 AM	52196
Motor Oil Range Organics (MRO)	620	240		mg/Kg	5	5/1/2020 9:53;28 AM	52196
Surr: DNOP	156	55.1-146	S	%Rec	5	5/1/2020 9:53:28 AM	52196
EPA METHOD 8015D; GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Surr: BFB	103	66.6-105		%Rec	1	5/2/2020 3:56:58 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.025		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Toluene	ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	5/2/2020 3;56;58 AM	52191

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

Qualifiers:

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

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

Page 5 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001H

Project:

Lab ID: 2004C19-006

Client Sample ID: S-6 0-1'

Collection Date: 4/29/2020 9:20:00 AM

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0; ANIONS	and the second					Analyst:	TML
Chloride	14000	600		mg/Kg	200	5/5/2020 11:52:34 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE C	RGANICS					Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/1/2020 3:39:39 PM	52196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/1/2020 3:39:39 PM	52196
Surr: DNOP	78.6	55.1-146		%Rec	1	5/1/2020 3:39:39 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2020 4:21:00 AM	52191
Surr: BFB	104	66.6-105		%Rec	1	5/2/2020 4;21:00 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	5/2/2020 4:21:00 AM	52191
Toluene	ND	0.048		mg/Kg	1	5/2/2020 4:21:00 AM	52191
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2020 4:21:00 AM	52191
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2020 4:21:00 AM	52191
Surr: 4-Bromofluorobenzene	99.1	80-120		%Rec	1	5/2/2020 4:21:00 AM	52191

Matrix: SOIL

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

Qualifiers:

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

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

Page 6 of 14

Analytical Report
Lab Order 2004C19
Date Reported: 5/6/2020

# Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-7 0-1'

Project: Diamond PWU 22 001H

Collection Date: 4/29/2020 9:30:00 AM

Lab ID: 2004C19-007

CLIENT: Talon Artesia

Matrix: SOIL

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	additions 1					Analyst	MRA
Chloride	360	61		mg/Kg	20	5/1/2020 9:46:37 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	: TOM
Diesel Range Organics (DRO)	ND	9,8		mg/Kg	1	5/1/2020 4:04:02 PM	52196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/1/2020 4:04:02 PM	52196
Surr; DNOP	71.4	55.1-146		%Rec	1	5/1/2020 4:04:02 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4,9		mg/Kg	1	5/2/2020 4:44:57 AM	52191
Surr: BFB	108	66,6-105	S	%Rec	1	5/2/2020 4:44:57 AM	52191
EPA METHOD 8021B; VOLATILES						Analyst	RAA
Benzene	ND	0.025		mg/Kg	1	5/2/2020 4:44:57 AM	52191
Toluene	ND	0.049		mg/Kg	1	5/2/2020 4:44:57 AM	52191
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2020 4:44:57 AM	52191
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2020 4:44:57 AM	52191
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	5/2/2020 4:44:57 AM	52191

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pl1 Not In Range

RL Reporting Limit

Page 7 of 14

Lab Order 2004C19

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/6/2020

CLIENT: Talon Artesia

Client Sample ID: S-8 0-1'

Project:

Diamond PWU 22 001H

Collection Date: 4/29/2020 9:40:00 AM

Lab ID: 2004C19-008

Matrix: SOIL

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	9800	300		mg/Kg	100	5/6/2020 12:04:54 AM	52226
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	TOM
Diesel Range Organics (DRO)	14	9.6		mg/Kg	1	5/1/2020 4:28:32 PM	52196
Motor Oil Range Organics (MRO)	52	48		mg/Kg	1	5/1/2020 4:28:32 PM	52196
Surr: DNOP	104	55.1-146		%Rec	1	5/1/2020 4:28:32 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2020 5:08:18 AM	52191
Surr: BFB	101	66.6-105		%Rec	1	5/2/2020 5:08:18 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	5/2/2020 5:08:18 AM	52191
Toluene	ND	0.048		mg/Kg	1	5/2/2020 5:08:18 AM	52191
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2020 5:08:18 AM	52191
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2020 5:08:18 AM	52191
Surr: 4-Bromofluorobenzene	97.0	80-120		%Rec	1	5/2/2020 5:08:18 AM	52191

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9 0-1

Project: Diamond PWU 22 001H

Collection Date: 4/29/2020 9:50:00 AM

Lab ID: 2004C19-009

Matrix: SOIL

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	69	60		mg/Kg	20	5/2/2020 11:48:37 AM	52226
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst:	TOM
Diesel Range Organics (DRO)	25	9.2		mg/Kg	1	5/1/2020 4:53:04 PM	52196
Motor Oil Range Organics (MRO)	57	46		mg/Kg	1	5/1/2020 4:53:04 PM	52196
Surr: DNOP	98.1	55.1-146		%Rec	1	5/1/2020 4:53:04 PM	52196
PA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	5/2/2020 5:31:52 AM	52191
Surr; BFB	99,8	66.6-105		%Rec	5	5/2/2020 5:31:52 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.12		mg/Kg	5	5/2/2020 5:31:52 AM	52191
Toluene	ND	0.23		mg/Kg	5	5/2/2020 5:31:52 AM	52191
Ethylbenzene	ND	0.23		mg/Kg	5	5/2/2020 5:31:52 AM	52191
Xylenes, Total	ND	0.47		mg/Kg	5	5/2/2020 5:31:52 AM	52191
Surr: 4-Bromofluorobenzene	98.1	80-120		%Rec	5	5/2/2020 5:31:52 AM	52191

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

Qualifiers:

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

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

Page 9 of 14

Analytical Report Lab Order 2004C19

Date Reported: 5/6/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10 0-1'

Project: Diamond PWU 22 001H

Collection Date: 4/29/2020 10:00:00 AM

Lab ID: 2004C19-010

Matrix: SOIL

Received Date: 4/30/2020 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	20000111					Analyst;	CAS
Chloride	1600	60		mg/Kg	20	5/2/2020 12:00:57 PM	52226
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	TOM
Diesel Range Organics (DRO)	4800	470		mg/Kg	50	5/1/2020 10:18:02 AM	52196
Motor Oil Range Organics (MRO)	5000	2300		mg/Kg	50	5/1/2020 10:18:02 AM	52196
Surr: DNOP	0	55.1-146	S	%Rec	50	5/1/2020 10:18:02 AM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	5/2/2020 5:55:22 AM	52191
Surr: BFB	99.8	66,6-105		%Rec	5	5/2/2020 5:55:22 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.11		mg/Kg	5	5/2/2020 5:55:22 AM	52191
Toluene	ND	0.23		mg/Kg	5	5/2/2020 5:55:22 AM	52191
Ethylbenzene	ND	0.23		mg/Kg	5	5/2/2020 5:55:22 AM	52191
Xylenes, Total	ND	0.46		mg/Kg	5	5/2/2020 5:55:22 AM	52191
Surr: 4-Bromofluorobenzene	96.8	80-120		%Rec	5	5/2/2020 5:55:22 AM	52191

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

Qualifiers:

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

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

Page 10 of 14

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2004C19 06-May-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001H

Sample ID: MB-52216

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 52216

RunNo: 68572

**HighLimit** 

Prep Date: 5/1/2020

Analysis Date: 5/1/2020

SeqNo: 2374259

Units: mg/Kg

Analyte

PQL Result

%RPD

**RPDLimit** 

Qual

Chloride

SampType: Ics

Batch ID: 52216

RunNo: 68572

TestCode; EPA Method 300.0: Anions

Client ID: LCSS

SeqNo: 2374260

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

Prep Date: 5/1/2020

Sample ID: LCS-52216

Analysis Date: 5/1/2020

%RPD HighLimit

Analyte Chloride

Result PQL

SPK value SPK Ref Val %REC LowLimit 93.4

**RPDLimit** 

Qual

Sample ID: MB-52226

Prep Date: 5/2/2020

Sample ID: LCS-52226

Client ID: LCSS

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 52226 Analysis Date: 5/2/2020

15

RunNo: 68615 SeqNo: 2374419

Units: mg/Kg

HighLimit

Qual

Analyte Chloride

ND 1.5

SampType: Ics

TestCode: EPA Method 300.0: Anions

15.00

RunNo: 68615

Prep Date: 5/2/2020

Batch ID: 52226 Analysis Date: 5/2/2020

SeqNo: 2374420

Units: mg/Kg

%REC LowLimit

HighLimit

Qual

Analyte

SPK value SPK Ref Val PQL 1.5

15.00

0

SPK value SPK Ref Val %REC LowLimit

92,0

%RPD

Chloride

Result

14

%RPD **RPDLimit** 

**RPDLimit** 

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit ND Practical Quanitative Limit

POL % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank Analyte detected below quantitation limits

Value above quantitation range

Sample pH Not In Range Reporting Limit

Page 11 of 14

# Hall Environmental Analysis Laboratory, Inc.

ND

ND

8.9

10

50

10.00

WO#: 2004C19

06-May-20

Client:

Talon Artesia

Project:

Diesel Range Organics (DRO)

Surr: DNOP

Motor Oil Range Organics (MRO)

Diamond PWU 22 001H

Sample ID: LCS-52196	SampT	Type: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batcl	h ID: <b>52</b>	196	F	tunNo: 6	8578					
Prep Date: 4/30/2020	Analysis E	Date: <i>51</i>	1/2020	5	eqNo: 2	372791	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	49	10	50.00	0	98.5	70	130				
Surr: DNOP	4.5		5.000		89.2	55.1	146				
Sample ID: MB-52196	SampT	уре: М	зьк	Tes	Code: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID: PBS	Batch	1 ID: <b>52</b>	196	F	unNo: 6	8578					
Prep Date: 4/30/2020	Analysis E	)ate: 5/	1/2020	S	eqNo: 2	372792	Units: mg/K	g			
		PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	

89.1

55.1

146

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 12 of 14

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2004C19 06-May-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001H

Sample ID: 2004c19-002ams  Client ID: S-2 0-1'  Prep Date: 4/30/2020		ype: M5 n ID: 52 ate: 5/		TestCode: EPA Method 8015D: Gasoline Range RunNo: 68583 SeqNo: 2373020 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.9	24,56	0	96.3	80	120			
Surr: BF8	1100		982.3		115	66.6	105			S

d Samp	Type: MS	SD	Tes	(Code: El	PA Method	8015D: Gaso	line Rang	е	
Batc	h ID: 52	191	F	RunNo: 6	8583				
Analysis [	Date: 5/	2/2020		SeqNo: 2	373021	Units: mg/k	(g		
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
25	5.0	24.95	0	99.3	80	120	4.69	20	
1100		998.0		114	66.6	105	0	0	S
	Batc Analysis I Result 25	Batch ID: 52 Analysis Date: 5/ Result PQL 25 5.0	Batch ID: <b>52191</b> Analysis Date: <b>5/2/2020</b> Result PQL SPK value 25 5.0 24.95	Batch ID: <b>52191</b> F Analysis Date: <b>5/2/2020</b> S  Result PQL SPK value SPK Ref Val  25 5.0 24.95 0	Batch ID: 52191       RunNo: 6         Analysis Date:       5/2/2020       SeqNo: 2         Result       PQL       SPK value       SPK Ref Val       %REC         25       5.0       24.95       0       99.3	Batch ID: 52191       RunNo: 68583         Analysis Date:       5/2/2020       SeqNo: 2373021         Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit         25       5.0       24.95       0       99.3       80	Batch ID: 52191       RunNo: 68583         Analysis Date:       5/2/2020       SeqNo: 2373021       Units: mg/k         Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit         25       5.0       24.95       0       99.3       80       120	Batch ID: 52191       RunNo: 68583         Analysis Date:       5/2/2020       SeqNo: 2373021       Units: mg/Kg         Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD         25       5,0       24.95       0       99.3       80       120       4.69	Batch ID: 52191       RunNo: 68583         Analysis Date:       5/2/2020       SeqNo: 2373021       Units: mg/Kg         Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit         25       5.0       24.95       0       99.3       80       120       4.69       20

Sample ID: Ics-52191	Samp	ype: LC	S	Tes	tCode; E	PA Method	8015D: Gaso	oline Rang	е	
Client ID: LCSS	Batc	1D: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis [	)ate: 5/	1/2020		SeqNo: 2	373046	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.1	80	120			
Surr: BFB	1100		1000		112	66.6	105			S

Sample ID: mb-52191	Sampl	ype: ME	BLK	Tes	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS Prep Date: 4/30/2020	Batcl Analysis E	n ID: 52	191 1/2020	RunNo: 68583 SeaNo: 2373048 Units: mg/Kg								
Analyte	Result	PQL	0.010.10.20	SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND	5.0	1000	***	400	cc e	105					

1000 1000 103 66.6Surr: BFB

#### Qualifiers:

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

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

Page 13 of 14

# Hall Environmental Analysis Laboratory, Inc.

WO#:

2004C19 06-May-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001H

Sample ID: 2004c19-001ams	Sampl	ype: MS	3	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: S-1 0-1'	Batcl	h ID: <b>52</b>	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E	Date: 5/	2/2020	5	SeqNo: 2	373054	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.024	0.9579	0	101	78.5	119			
Toluene	1.0	0.048	0.9579	0.01780	104	75.7	123			
Ethylbenzene	1.0	0.048	0.9579	0	107	74.3	126			
Xylenes, Total	3.1	0.096	2.874	0	107	72.9	130			
Surr: 4-Bromofluorobenzene	1.0		0.9579		106	80	120			
Client ID: S-1 0-1' Prep Date: 4/30/2020	Batcl Analysis D	n ID: <b>52</b> 0ate: <i>51</i>		F						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9747	0	97.0	78.5	119	2,09	20	
Toluene	1.0	0.049	0.9747	0.01780	101	75.7	123	1.67	20	
Ethylbenzene	1.0	0.049	0.9747	0	104	74.3	126	0.919	20	
Xylenes, Total	3.0	0.097	2.924	0	104	72.9	130	1.25	20	
			0.9747		101	80	120	0	0	
Surr: 4-Bromofluorobenzene	0.98									
Surr: 4-Bromofluorobenzene Sample ID: LCS-52191		ype: LC		Tes	Code: EF	PA Method	8021B: Volat	iles		
	SampT	ype: LC	s		tCode: EF		8021B: Volat	iles		

Sample ID: LCS-52191	Samp	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	n ID: 52	191	F						
Prep Date: 4/30/2020	Analysis [	Date: 5/	1/2020	SeqNo: 2373083 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.1	80	120			
Toluene	0.98	0.050	1.000	0	97.9	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.7	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID: mb-52191	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	ਤੋਂ 8021B: Volatiles					
Client ID: PBS	Batc	h ID: <b>52</b>	191	F	RunNo: 6	8583						
Prep Date: 4/30/2020	Analysis [	Date: 5/	1/2020	SeqNo: 2373085			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	80	120					

#### Qualifiers:

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

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

Page 14 of 14



Hall Environmental Analyxis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: TALON ARTESIA	Work Order Number:	200	4C19		RcptNo: 1
Received By: Juan Rojas	4/30/2020 9:00:00 AM			Jun 3	49
Completed By: Isalah Ortiz	4/30/2020 9:05:33 AM			June 20	O-L
Reviewed By: DAD 4/30/20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Chain of Custody					
1. Is Chain of Custody sufficiently complete?		Yes	~	No 🗆	Not Present
2. How was the sample delivered?		Cou	rier		
Log In					
3. Was an attempt made to cool the samples?		Yes	V	No 🗌	NA 🗆
4. Were all samples received at a temperature of	f >0° C to 6.0°C	Yes		No 🗌	NA 🗀
5. Sample(s) in proper container(s)?		Yes		No 🗆	
6. Sufficient sample volume for indicated test(s)	<b>,</b>	Yes		No 🛘	
7. Are samples (except VOA and ONG) properly		Yes	V	No 🗌	
8. Was preservative added to bottles?		Yes		No 🗹	NA 🗆
9. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Yes		No 🗌	NA 🗹
10. Were any sample containers received broken		Yes		No 🗸	# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	V	No 🗆	bottles checked for pH; (<2 or >12 unless noted)
2. Are matrices correctly identified on Chain of C	ustody?	Yes	V	No 🗆	Adjusted?
3, Is it clear what analyses were requested?		Yes	V	No 🗌	10 112100
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	V	No 🗆	Checked by: 30 4 30 20
Special Handling (if applicable)					
15. Was client notified of all discrepancies with the	is order?	Yes		No 🗌	NA 🗸
Person Notified:	Date:	conseq	To English to the State of the	unania de la composição d	ay'.
By Whom:	Via:	] eM	ail 🔲 F	Phone 🔲 Fa	x 🔲 In Person
Regarding:	tanta and a second	A34umuma	System in the William Co.	Carriera in Maria de La Servicio	Charles to the Charles Constitution of the Charles Charles Constitution of the Charles
Client Instructions:	pedrodic <mark>a II., il.,</mark>	7000,000	Styroll Shelve College See Co.	reconstitutiva VacContralica massee	Model de Commence de Taxa de Commence e que que la commence de commence de la commence del la commence de la co
16. Additional remarks:					
	al Intact   Seal No   Se	eal D	ate	Signed By	



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

September 28, 2020

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Diamond PWU 22 001 H

OrderNo.: 2009A90

#### Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 35 sample(s) on 9/18/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-001 Client Sample ID: S-2 1-2'

Collection Date: 9/16/2020 9:00:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/23/2020 5:41:19 AM	55370

Matrix: SOIL

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 1 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2 2-3'

Project: Diamond PWU 22 001 H

Collection Date: 9/16/2020 9:05:00 AM

Lab ID: 2009A90-002

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/23/2020 9:15:38 PM	55380

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

Qualifiers:

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

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

Page 2 of 42

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

**Analytical Report** 

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-2 3-4'

Collection Date: 9/16/2020 9:10:00 AM

Lab ID: 2009A90-003	Matrix; SOIL Received Da				Date: 9/18/2020 8:00:00 AM				
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	: JMT			
Chloride	ND	60	mg/Kg	20	9/23/2020 9:52:39 PM	55380			

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

Qualifiers:

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

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

Page 3 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID:

Diamond PWU 22 001 H Project: 2009A90-004

Matrix: SOIL

Client Sample ID: S-5 1-2'

Collection Date: 9/16/2020 9:20:00 AM Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	1800	60		mg/Kg	20	9/23/2020 10:05:02 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE	GE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 2:18:48 AM	55278
Surr: BFB	100	70-130		%Rec	1	9/21/2020 2:18:48 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/21/2020 12:24:06 PM	55283
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/21/2020 12:24:06 PM	55283
Surr: DNOP	123	30.4-154		%Rec	1	9/21/2020 12:24:06 PM	55283

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 4 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H Project:

Lab ID: 2009A90-005 Client Sample ID: S-5 2-3'

Collection Date: 9/16/2020 9:25:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL +	Qual Uni	ts DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	100	60	mg/	Kg 20	9/23/2020 10:17:23 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/	Kg 1	9/21/2020 2:47:12 AM	55278
Surr: BFB	97.4	70-130	%R	ec 1	9/21/2020 2:47:12 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	mb
Diesel Range Organics (DRO)	ND	9.8	mg/	Kg 1	9/21/2020 12:33:40 PM	55283
Motor Oil Range Organics (MRO)	ND	49	mg/	Kg 1	9/21/2020 12:33:40 PM	55283
Surr: DNOP	116	30.4-154	%R	ec 1	9/21/2020 12:33:40 PM	55283

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded H
- Not Detected at the Reporting Limit ND
- PQ1. Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 5 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-006

Client Sample ID: S-5 3-4'

Collection Date: 9/16/2020 9:30:00 AM

Received Date: 9/18/2020 8:00:00 AM

1.3			- Complete				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	ND	60		mg/Kg	20	9/23/2020 10:29:43 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/21/2020 3:15:34 AM	55278
Surr: BFB	100	70-130		%Rec	1	9/21/2020 3:15:34 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/21/2020 12:43:17 PM	55283
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/21/2020 12:43:17 PM	55283
Surr; DNOP	115	30.4-154		%Rec	1	9/21/2020 12:43:17 PM	55283

Matrix: SOIL

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

Qualifiers:

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

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

Page 6 of 42

Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2

2009A90-007

Client Sample ID: S-5 4-5'

Collection Date: 9/16/2020 9:35:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	The same of the					Analyst	JMT
Chloride	1000	59		mg/Kg	20	9/23/2020 11:06:45 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 3:44:04 AM	55278
Surr: BFB	103	70-130		%Rec	1	9/21/2020 3;44:04 AM	55278
EPA METHOD 8015M/D; DIESEL RANGE ORGA	NICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/21/2020 12:52:55 PM	55283
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/21/2020 12:52:55 PM	55283
Surr: DNOP	108	30.4-154		%Rec	1	9/21/2020 12:52:55 PM	55283

Matrix: SOIL

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

Qualifiers:

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

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

Page 7 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 5-6'

Project: Diamond PWU 22 001 H

Collection Date: 9/16/2020 9:40:00 AM

Lab ID: 2009A90-008

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

					- days	
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JMT
Chloride	140	60	mg/Kg	20	9/23/2020 11:19:05 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2020 4:12:34 AM	55278
Surr: BFB	104	70-130	%Rec	1	9/21/2020 4:12:34 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	mb
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/21/2020 1:02:34 PM	55283
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/21/2020 1:02:34 PM	55283
Surr: DNOP	80.3	30.4-154	%Rec	1	9/21/2020 1:02:34 PM	55283

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

Qualifiers:

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

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

Page 8 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID:

Client Sample ID: S-5 6-7'

Project: Diamond PWU 22 001 H 2009A90-009

Matrix: SOIL

Collection Date: 9/16/2020 9:45:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	150	60	mg/Kg	20	9/24/2020 7:20:25 AM	55388

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Ε Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range P

RLReporting Limit Page 9 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 7-8'

Project: Diamond PWU 22 001 H

**Collection Date:** 9/16/2020 9:50:00 AM

Lab ID: 2009A90-010

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Chloride
 320
 60
 mg/Kg
 20
 9/24/2020 7:57:26 AM
 55388

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

Qualifiers:

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

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

Page 10 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-011

Project:

Client Sample ID: S-5 8-9

Collection Date: 9/16/2020 9:55:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>JMT</b>
Chloride	1400	60	mg/Kg	20	9/24/2020 8:09:46 AM	/I 55388

Matrix: SOIL

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

Qualifiers:

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

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

Page 11 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-5 9-10'

 Project:
 Diamond PWU 22 001 H
 Collection Date: 9/16/2020 10:00:00 AM

 Lab ID:
 2009A90-012
 Matrix: SOIL
 Received Date: 9/18/2020 8:00:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Analyst: JMT
 Analyst: JMT

 Chloride
 330
 60
 mg/Kg
 20
 9/24/2020 8:46:48 AM
 55388

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

Qualifiers:

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

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

Page 12 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S5 10-11'

Project: Diamond PWU 22 001 H

Collection Date: 9/16/2020 10:05:00 AM

Lab ID: 2009A90-013

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: JMT
Chloride	83	60	mg/Kg	20	9/24/2020 8:59:08 AM	A 55388

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pl1 Not In Range
- RL Reporting Limit

Page 13 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2

Project:

2009A90-014

Client Sample ID: S5 11-12'

Collection Date: 9/16/2020 10:10:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	78	60	mg/Kg	20	9/24/2020 9:11:29 AM	55388

Matrix: SOIL

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

Qualifiers:

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

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

Page 14 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-015

Project:

Client Sample ID: S6 1-2'

Collection Date: 9/16/2020 10:20:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	5100	300	mg/Kg	100 9/24/2020 6:58:57 PM	55388

Matrix: SOIL

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

Qualifiers:

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

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

Page 15 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Project:

Client Sample ID: S6 2-3'

Collection Date: 9/16/2020 10:25:00 AM Received Date: 9/18/2020 8:00:00 AM

Lab ID: 2009A90-016	Matrix: SOIL	Received Date: 9/18/2020 8:00:00 AM						
Analyses	Result	•	ual Units	DF Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS				Analys	st: <b>JMT</b>			
Chloride	5200	300	mg/Kg	100 9/24/2020 7:11:18 PM	55388			

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- RLReporting Limit

Page 16 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-017

Project:

Client Sample ID: S6 3-4'

Collection Date: 9/16/2020 10:30:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q		DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	6100	300	mg/Kg	100 9/24/2020 7:23:38 PM	55388

Matrix: SOIL

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

Qualifiers:

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

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

Page 17 of 42

**Analytical Report** Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID:

Project:

2009A90-018

Client Sample ID: S6 4-5'

Collection Date: 9/16/2020 10:35:00 AM

Received Date: 9/18/2020 8:00:00 AM

RL Qual Units DF Date Analyzed Batch Result Analyses Analyst: JMT

**EPA METHOD 300.0: ANIONS** 

Chloride

7000

Matrix: SOIL

300

mg/Kg 100 9/24/2020 7:35:59 PM

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

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded 11
- Not Detected at the Reporting Limit ND
- Practical Quantitative Limit PQL
- % Recovery outside of range due to dilution or matrix

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

Page 18 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-019

Project:

Client Sample ID: S6 5-6'

Collection Date: 9/16/2020 10:40:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	7500	300	mg/Kg	100 9/24/2020 7:48:20 PM	55388

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range E

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 19 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-020

Project:

Client Sample ID: S6 6-7'

Collection Date: 9/16/2020 10:45:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	7200	300	mg/Kg	100 9/24/2020 8:00:40 PM	55388

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 20 of 42

Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-021

Project:

Client Sample ID: S6 7-8'

**Collection Date:** 9/16/2020 10:50:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	8500	300	mg/Kg	100 9/24/2020 8:13:01 PM	55388

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 21 of 42

Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S8 1-2'

Project: Diamond PWU 22 001 H

Collection Date: 9/16/2020 11:00:00 AM

Lab ID: 2009A90-022

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	1900	60	mg/Kg	20	9/24/2020 2:27:19 PM	55388
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	4	9/21/2020 4:40:56 AM	55280
Surr: BFB	102	70-130	%Rec	1	9/21/2020 4;40:56 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/22/2020 11:50:41 AM	55297
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/22/2020 11:50:41 AM	55297
Surr: DNOP	143	30,4-154	%Rec	1	9/22/2020 11:50:41 AM	55297

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

Qualifiers:

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

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

Page 22 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-023

Client Sample ID: S8 2-3'

Collection Date: 9/16/2020 11:05:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	5400	300	mg/Kg	100	9/25/2020 11:37:13 AM	55388
EPA METHOD 8015D MOD: GASOLINE RANG	βE				Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/21/2020 6:06:42 AM	55280
Surr: BFB	103	70-130	%Rec	1	9/21/2020 6:06:42 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	9/22/2020 12:19:13 PM	55297
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/22/2020 12:19:13 PM	55297
Surr: DNOP	109	30.4-154	%Rec	1	9/22/2020 12:19:13 PM	55297

Matrix: SOIL

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

Qualifiers:

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

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

Page 23 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S8 3-4'

 Project:
 Diamond PWU 22 001 H
 Collection Date: 9/16/2020 11:10:00 AM

 Lab ID:
 2009A90-024
 Matrix: SOIL
 Received Date: 9/18/2020 8:00:00 AM

Analyses Result RL Qual Units DF Date Analyzed Batch

EPA METHOD 300,0: ANIONS Analyst: JMT

Chloride 5200 300 mg/Kg 100 9/25/2020 11:49:37 AM 55388

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyle detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 24 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-025

Project:

Client Sample ID: S8 4-5'

Collection Date: 9/16/2020 11:15:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual U	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	3700	150	ľ	mg/Kg	50	9/25/2020 8:27:11 PM	55410

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 25 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Diamond PWU 22 001 H

Lab ID: 2009A90-026

Client Sample ID: S8 5-61

Collection Date: 9/16/2020 11:20:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qı	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	990	60	mg/Kg	20	9/24/2020 2:00:21 PM	55410

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

3 Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 26 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S8 6-7'

 Project:
 Diamond PWU 22 001 H
 Collection Date: 9/16/2020 11:25:00 AM

 Lab ID:
 2009A90-027
 Matrix: SOIL
 Received Date: 9/18/2020 8:00:00 AM

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Chloride
 79
 60
 mg/Kg
 20
 9/24/2020 2:12:45 PM
 55410

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 27 of 42

CLIENT: Talon Artesia

**Analytical Report** 

Lab Order 2009A90 Date Reported: 9/28/2020

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S8 7-8'

Collection Date: 9/16/2020 11:30:00 AM Diamond PWU 22 001 H Project:

Received Date: 9/18/2020 8:00:00 AM Matrix: SOIL Lab ID: 2009A90-028

Analyses	Result	RL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			···-		Analyst	CAS
Chloride	ND	60	mg/Kg	20	9/24/2020 2:25:10 PM	55410

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 28 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-029

Client Sample ID: S10 1-2'

Collection Date: 9/16/2020 11:40:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual Un	its D	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: CAS
Chloride	220	60	mg	/Kg 2	0 9/24/2020 2:37:34 PN	55410
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analys	st: DJF
Gasoline Range Organics (GRO)	ND	4.9	mg	/Kg 1	9/21/2020 6:35:12 AM	55280
Surr: BFB	102	70-130	%F	ec 1	9/21/2020 6:35:12 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	st: mb
Diesel Range Organics (DRO)	ND	9.5	mg	/Kg 1	9/19/2020 11:34:28 A	VI 55271
Motor Oil Range Organics (MRO)	ND	47	mg	/Kg 1	9/19/2020 11:34:28 A	VI 55271
Surr: DNOP	102	30.4-154	%R	ec 1	9/19/2020 11:34:28 A	VI 55271

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 29 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-030

Matrix: SOIL

Client Sample ID: \$10 2-3'

Collection Date: 9/16/2020 11:45:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	74	60	mg/Kg	20	9/24/2020 2:49:59 PM	55410
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2020 7:03:45 AM	55280
Surr: BFB	102	70-130	%Rec	1	9/21/2020 7:03:45 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	mb
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	9/19/2020 11:44:23 AM	55271
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/19/2020 11:44:23 AM	55271
Surr: DNOP	116	30.4-154	%Rec	1	9/19/2020 11:44:23 AM	55271

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyse detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 30 of 42

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S10 3-4'

Project:

Diamond PWU 22 001 H

Collection Date: 9/16/2020 11:50:00 AM

2009A90-031

Matrix: SOIL

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batcl
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	ND	60		mg/Kg	20	9/24/2020 3:02:24 PM	55410
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 7:32:22 AM	55280
Surr; BFB	104	70-130		%Rec	1	9/21/2020 7:32:22 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/19/2020 11:54:20 AM	55271
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/19/2020 11:54:20 AM	55271
Surr: DNOP	116	30.4-154		%Rec	1	9/19/2020 11:54:20 AM	55271

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

Practical Quanitative Limit POL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 31 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Diamond PWU 22 001 H

**Lab ID:** 2009A90-032

Client Sample ID: S10 4-5'

Collection Date: 9/16/2020 11:55:00 AM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RĽ	Qua	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0; ANIONS						Analyst	CAS
Chloride	400	59		mg/Kg	20	9/24/2020 3:14:49 PM	55410
EPA METHOD 8015D MOD: GASOLINE R	ANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 8:00:57 AM	55280
Surr; BFB	103	70-130		%Rec	1	9/21/2020 8:00:57 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	mb
Diesel Range Organics (DRO)	1200	95		mg/Kg	10	9/19/2020 12:04:11 PM	55271
Motor Oil Range Organics (MRO)	1900	470		mg/Kg	10	9/19/2020 12:04:11 PM	55271
Surr: DNOP	0	30.4-154	S	%Rec	10	9/19/2020 12:04:11 PM	55271

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 32 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H Project:

Lab ID: 2009A90-033 Client Sample ID: S10 5-6'

Collection Date: 9/16/2020 12:00:00 PM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	200	60		mg/Kg	20	9/24/2020 3:52:02 PM	55410
EPA METHOD 8015D MOD: GASOLINE RAN	GE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/21/2020 12:12:13 PM	55280
Surr: BFB	104	70-130		%Rec	1	9/21/2020 12:12:13 PM	55280
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	mb
Diesel Range Organics (DRO)	630	92		mg/Kg	10	9/19/2020 12:13:59 PM	55271
Motor Oil Range Organics (MRO)	1000	460		mg/Kg	10	9/19/2020 12:13:59 PM	55271
Surr: DNOP	0	30.4-154	S	%Rec	10	9/19/2020 12:13:59 PM	55271

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit RL

Page 33 of 42

Analytical Report
Lab Order 2009A90
Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S10 6-7'

 Project:
 Diamond PWU 22 001 H
 Collection Date: 9/16/2020 12:05:00 PM

 Lab ID:
 2009A90-034
 Matrix: SOIL
 Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	CAS
Chloride	61	60	mg/Kg	20	9/24/2020 4:04:26 PM	55410
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analys	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2020 12:40:40 PM	55280
Surr: BFB	103	70-130	%Rec	1	9/21/2020 12:40:40 PM	55280
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analysi	: mb
Diesel Range Organics (DRO)	28	9.3	mg/Kg	1	9/19/2020 12:23:45 PM	55271
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/19/2020 12:23:45 PM	55271
Surr: DNOP	114	30.4-154	%Rec	1	9/19/2020 12:23:45 PM	55271

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 34 of 42

Date Reported: 9/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-035

Project:

Client Sample ID: S10 7-8'

Collection Date: 9/16/2020 12:10:00 PM

Received Date: 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	ND	60		mg/Kg	20	9/24/2020 4:16:51 PM	55410
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 1:09:09 PM	55280
Surr: BFB	101	70-130		%Rec	1	9/21/2020 1:09:09 PM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	VICS					Analyst	mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/19/2020 12:33:30 PM	55271
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/19/2020 12:33:30 PM	55271
Surr: DNOP	95.3	30.4-154		%Rec	1	9/19/2020 12:33:30 PM	55271

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 35 of 42

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: MB-55370	Samp	Type: ml	blk	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID: PBS	Batc	n ID: 55	370	F	RunNo: 7	72041				
Prep Date: 9/22/2020	Analysis E	Date: 9/	22/2020		SeqNo: 2	2524536	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5		- spilite			3,100			

Chloride	14	1.5	15.00	0	91.9	90	110	· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Prep Date: 9/22/2020	Analysis D	ate: 9/	22/2020	5	SeqNo: 2	524537	Units: mg/k	(g		
Client ID: LCSS	Batch	ID: 55	370	F	RunNo: 7	2041				
Sample ID: LCS-5537	SampT	ype: Ics		Tes	tCode: E	PA Method	300.0: Anion	IS		

Chloride	ND	1.5										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Prep Date: 9/23/2020	Analysis D	Analysis Date: 9/23/2020			SeqNo: 2	526919	Units: mg/K	(g				
Client ID: PBS	Batch	Batch ID: 55380			RunNo: 7.	2108						
Sample ID: MB-55380	SampT	SampType: mblk			TestCode: EPA Method 300.0: Anions							

Sample ID: LCS-55380 Client ID: LCSS	ype: lcs		F	RunNo: 7	2108					
Prep Date: 9/23/2020	Analysis Date: 9/23/2020				SeqNo: 2		Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: MB-55388	Samp	SampType: mblk			tCode: E	PA Method	300.0: Anion	S		
Client ID: PBS	Batch ID: 55388			F	RunNo: 7	2108				
Prep Date: 9/23/2020	Analysis Date: 9/24/2020			\$	SeqNo: 2	526979	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chioride	ND	1.5			***					

Sample ID: LCS-55388	SampT	SampType: Ics			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batcl	1D: <b>55</b>	388	F	RunNo: 7	2108					
Prep Date: 9/23/2020	Analysis [	)ate: 9/	24/2020	SeqNo: 2526980			Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	95.3	90	110				

### Qualifiers:

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

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

Page 36 of 42

### Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Result

ND

Sample ID: MB-55410

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 55410

RunNo: 72143

SPK value SPK Ref Val %REC LowLimit

Prep Date: 9/23/2020

Analysis Date: 9/24/2020 PQL

1.5

SeqNo: 2528909

Units: mg/Kg HighLimit

%RPD **RPDLimit** 

Qual

Analyte Chloride

Sample ID: LCS-55410

SampType: Ics Batch ID: 55410 TestCode: EPA Method 300.0: Anions

RunNo: 72143

Prep Date: 9/23/2020

Client ID: LCSS

SeqNo: 2528910

Units: mg/Kg

Analysis Date: 9/24/2020

PQL

1.5

SPK value SPK Ref Val %REC LowLimit

%RPD

Analyte

15.00

94.7

**RPDLimit** 

Chloride

HighLimit 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit % Recovery outside of range due to dilution or matrix Analyte detected in the associated Method Blank

E Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 37 of 42

# Hall Environmental Analysis Laboratory, Inc.

WO#: 2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: LCS-55271  Client ID: LCSS	TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 71994									
Prep Date: 9/18/2020	Batch ID: <b>55271</b> Analysis Date: <b>9/19/2020</b>				SeqNo: 2520477 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	70	130			
Surr: DNOP	4.8		5.000		95.5	30.4	154			
Sample ID: MB-55271	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batcl	h ID: <b>55</b>	271	F	RunNo: 7	1994				
Prep Date: 9/18/2020	Analysis Date: 9/19/2020		9	SeqNo: 2	520482	Units: mg/k	(g			

Prep Date: 9/18/2020	Analysis Date: 9/19/2020			\$	SeqNo: 2	520482	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	11		10.00		109	30.4	154				

Sample ID: LCS-55283	SampT	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch	Batch ID: 55283			RunNo: 7	2031						
Prep Date: 9/19/2020	Analysis D	Analysis Date: 9/21/2020			SeqNo: 2522561			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130					
Surr: DNOP	5.4		5.000		108	30.4	154					

Sample ID: MB-55283	ample ID: MB-55283 SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	ient ID: PBS Batch ID: 55283			F	RunNo: 7	2031					
Prep Date: 9/19/2020	Analysis E	Analysis Date: 9/21/2020			SeqNo: 2	522562	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	13		10.00		127	30.4	154				

Sample ID: 2009A90-022AMS	SampT	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S8 1-2"	Batch	ID: <b>55</b>	297	F	RunNo: 7	2063					
Prep Date: 9/21/2020	Analysis D	ate: 9/	22/2020	8	SeqNo: 2	524593	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	47	9.8	48.83	3.807	88.2	15	184				
Surr: DNOP	4.8		4.883		99.0	30.4	154				

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 38 of 42

# Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

					.,,				
Sample ID: 2009A90-022AM	ISD SampType: M	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: S8 1-2'	Batch ID: 58	5297	F	RunNo: 7	2063				
Prep Date: 9/21/2020	Analysis Date: 9	/22/2020	ξ	SeqNo: 2	524594	Units: mg/F	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53 9.2	45.83	3.807	107	15	184	11.8	23.9	
Surr: DNOP	5.5	4.583		119	30.4	154	0	0	
Sample ID: LCS-55297	SampType: L0	cs	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 55	297	F	RunNo: <b>7</b> 2	2063				
Prep Date: 9/21/2020	Analysis Date: 9	/22/2020	8	SeqNo: 2	524681	Units: mg/F	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64 10		0	127	70	130			
Surr: DNOP	7.7	5.000		154	30.4	154			
Sample ID: LCS-55318	SampType: LC	cs	Tes	tCode: EF	A Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch ID: 55	318	F	RunNo: 72	2063				
Prep Date: 9/21/2020	Analysis Date: 9	/22/2020	S	SeqNo: 28	524682	Units: %Red	C		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.7	5.000		74.6	30.4	154			
Sample ID: LCS-55322	SampType: L0	S	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	o Organics	
Client ID: LCSS	Batch ID: 55	322	F	tunNo: 72	2063				
Prep Date: 9/21/2020	Analysis Date: 9	/22/2020	S	SeqNo: 25	524684	Units: %Red	C		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.0	5.000		80.5	30.4	154			
Sample ID: LCS-55325	SampType: L0	s	Test	Code: EF	A Method	8015M/D: Die	esel Range	Organics	
Client ID: LCSS	Batch ID: 55	325	R	tunNo: 72	2063				
Prep Date: 9/21/2020	Analysis Date: 9	23/2020	S	eqNo: 25	524685	Units: %Red			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6	5.000		92.7	30.4	154			
Sample ID: <b>MB-55297</b>	SampType: MI	BLK	Test	Code: EP	A Method	8015M/D: Die	esel Range	Organics	
Client ID: PBS	Batch ID: 55	297	R	unNo: 72	2063				
Prep Date: 9/21/2020	Analysis Date: 9	22/2020	S	eqNo: 25	24686	Units: mg/K	g		

### Qualifiers:

Surr: DNOP

Analyte

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

127

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

SPK value SPK Ref Val %REC LowLimit

**PQL** 

10

50

10.00

Result ND

ND

13

RL Reporting Limit

Page 39 of 42

**RPDLimit** 

%RPD

HighLimit

154

30.4

### Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: MB-55318

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

30.4

30.4

Client ID: PBS

Batch ID: 55318

RunNo: 72063

154

Prep Date: 9/21/2020

Analysis Date: 9/22/2020 **PQL** 

SeqNo: 2524687

Units: %Rec

72.3

Analyte Surr: DNOP Result

SPK value SPK Ref Val 10.00

%REC LowLimit HighLimit

Qual

Sample ID: MB-55322

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

Client ID: PBS Prep Date:

Batch ID: 55322

Result

8.6

RunNo: 72063

Units: %Rec

Analyte

9/21/2020

Analysis Date: 9/22/2020 PQL

SeqNo: 2524688

HighLimit

**RPDLimit** 

**RPDLimit** 

**RPDLimit** 

Qual

Surr: DNOP

SampType: MBLK

86.2

%REC

TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

%RPD

PBS Client ID:

Batch ID: 55325

RunNo: 72063

Units: %Rec

HighLimit

Prep Date:

9/21/2020

Sample ID: MB-55325

Analysis Date: 9/22/2020

SeqNo: 2524689

Qual

Analyte Surr: DNOP

9.1

SPK value SPK Ref Val %REC 10.00

10.00

SPK value SPK Ref Val

90.9

LowLimit 30.4

154

Qualifiers:

FT

POL

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix Ð Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND Practical Quantitative Limit

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits Sample pH Not In Range

Reporting Limit

Page 40 of 42

% Recovery outside of range due to dilution or matrix

### Hall Environmental Analysis Laboratory, Inc.

WO#: 2009A90 28-Sep-20

Client:

Talon Artesia

Project: Diamono	1 PWU 22 0	01 H								
Sample ID: mb-55278	SampT	ype: Mi	3LK	Tes	tCode: E	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	ID: 55	278	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis Da	ate: 9/	20/2020	5	SeqNo: 2	520778	Units: mg/l	Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 510	5.0	500.0		101	70	130			
Sample ID: Ics-55278	SampTy	/pe: <b>LC</b>	s	Tes	tCode: E	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	ID: <b>55</b>	278	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis Da	ate: 9/	20/2020	S	SeqNo: 2	520779	Units: mg/l	≺g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.6	70	130			
Surr: BFB	490		500.0		98.5	70	130			
Sample ID: mb-55280	SampTy	/pe: <b>M</b> E	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	ID: <b>55</b> 2	280	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis Da	ate: 9/	20/2020	S	SeqNo: 2	521020	Units: mg/l	<b>(</b> g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0			404	70	420			
Surr: 8FB	520		500.0		104	70	130			
Sample ID: Ics-55280	SampTy	pe: LC	s	Test	Code: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	ID: <b>552</b>	280	R	tunNo: 7	1999				
Prep Date: 9/19/2020	Analysis Da	ite: 9/2	20/2020	S	eqNo: 2	521021	Units: mg/F	<b>(</b> g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.4	70	130			
Surr. BFB	520		500.0		104	70	130			
Sample ID: 2009a90-022ams	SampTy	pe: MS	;	Test	Code: El	PA Method	8015D Mod:	Gasoline l	Range	
Client ID: S8 1-2'	Batch	ID: <b>552</b>	280	R	unNo: 7	1999				
Prep Date: 9/19/2020	Analysis Da	ite: 9/2	21/2020	S	eqNo: 2	521023	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.37	0	89.3	49.2	122			
Surr: BFB	490		487.3		100	70	130			
Sample ID: 2009a90-022amsd	I SampTy	pe: <b>MS</b>	D	Test	Code: EF	PA Method	8015D Mod:	Gasoline l	Range	
Client ID: S8 1-2'	Batch	ID: <b>552</b>	80	R	unNo: 7	2064				
Prep Date: 9/19/2020	Analysis Da	te: 9/2	22/2020	S	eqNo: 2	524729	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range E

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit

Page 41 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Qual

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: 2009a90-022amsd

SampType: MSD

TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: \$8 1-2'

Batch ID: 55280

RunNo: 72064

%REC

82.0 102

Prep Date: 9/19/2020

Analysis Date: 9/22/2020

SeqNo: 2524729

Units: mg/Kg

Analyte
Gasoline Range Organics (GRO)
Surr: BFB

Result	PQL
20	4.9
500	

SPK value	SPK Ref Val
24,58	0
491.6	

LowLimit	Hig
49.2	
70	

HighLimit	%RPD	RPDLimit
122	7.67	20
130	0	0

7.67	20
0	0

#### Qualifiers:

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

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

Page 42 of 42



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Talon Artesia	Work Order Nu	mber: 200	9A90		RcptNo: 1
Received By:	Cheyenne Cason	9/18/2020 8:00:0	0 AM			
Completed By:	Juan Rojas	9/18/2020 8:27:2	2 AM		Glarens	3
Reviewed By:	2m 9/18/20				X	
Chain of Cus	tody					
1. Is Chain of Cu	ustody complete?		Yes	V	No [	Not Present
2. How was the	sample delivered?		Cou	<u>rier</u>		
Log In						
	pt made to cool the sample	s?	Yes	V	No 🗌	NA 🗆
4. Were all samp	les received at a temperatu	ure of >0° C to 6.0°C	Yes	V	No 🗆	NA 🗆
5. Sample(s) in p	proper container(s)?		Yes	V	No 🗆	
6, Sufficient samp	ple volume for indicated tes	it(s)?	Yes	V	No 🗆	
7. Are samples (e	except VOA and ONG) prop	erly preserved?	Yes	V	No 🗆	
8. Was preservati	ive added to bottles?		Yes		No 🗹	NA 🗆
9. Received at lea	ast 1 vial with headspace <	1/4" for AQ VOA?	Yes		No 🗆	NA 🗹
10. Were any sam	ple containers received bro	ken?	Yes		No 🗹	# of preserved
	rk match bottle labels? ncies on chain of custody)		Yes	V	No 🗔	bottles checked for pH: (<2 or >12 unless noted)
12, Are matrices co	orrectly identified on Chain	of Custody?	Yes	V	No 🗌	Adjusted?
13, is it clear what	analyses were requested?		Yes	<b>V</b>	No 🗌	Checked by: 12 4/8/21
	g times able to be met? stomer for authorization.)		Yes	V	No 🗌	/ Checked by: (12 1/0) Ct
Special Handlii	ng (if applicable)					
15. Was client noti	fied of all discrepancies wil	h this order?	Yes		No 🗔	NA 🗹
Person N	Votified:	Date				The state of the s
By Whon	n:	Via:	☐ eMa	il 🔲 l	Phone 🔲 Fax	In Person
Regardin	g:	260000000000000000000000000000000000000		non-monthsolvenom		
Client Ins	structions:				<u> </u>	
16. Additional rem	arks:					a) manadona ( 2 XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX
17. Cooler Inform Cooler No	<ul> <li>A perconservation of the first of the second section of the section of the</li></ul>	Seal Intact   Seal No	Seal Da	te	Signed By	

THION UE	Turn-Around Time:			HALL ENVIRONMENT. ANALYSIS LABORATO								TAL	53 75		
/ailing Address: 408 の・Tex <i>As AvE</i>			(DIAMOND) #001 H		490 <sup>.</sup>		WWY	v.hall	enviro	nmen	tal.co	m		UK	Y
Phone #: 575-746-8768	706794.3	315.01		4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request											
A/QC Package:	Project Mana	ger:		(8021)	0				SO4	311776					Ť
Standard	R. PONS			)8) s	N/C	CB	SIM		Ŏ.		Absi				
□ NELAC □ Other	Sampler: Ro On Ice:	NOIE RODE	RIGUEZ	TMB	/DRO	3082 F	8270		NO <sub>2</sub> , PO₄,		sent/				
LEDD (Type)	# of Coolers	1	□ .No	BE/	3RO	les/8	0 or	S	3,5	€	(Pre				
	Cooler Temp	(Including CF): S. S	+0.1=5.6	MTE	15D((	etlicic ethod	y 831	Meta	JA)	(Semi-VOA)	Coliform (Present/Absent)				
Matrix Sample Name	Container Type and #	Preservative Type	HEAL No. 2009990	BTEX /	TPH:8015D(GRO	8081 Pesticides/8082 PCB's EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(CI) F, Br, NO <sub>3</sub> , 8260 (VOA)	8270 (Se	Total Co				
-16-20 9:00 SOIL 5-2 1-2'	GLASS !	ICE COOL	-001		+	<u>ω</u> μ				83	Ĕ				_
9',05 5-2 2-3'			-002			_	+		V			-		<u> </u>	
9:10 5-2 3-4'			<u>-n</u> e3				-		V						
9:20 5-5 1-2					_		-		/						
9:25 5-5 2-3									$\leq$ $\parallel$		<u> </u>				
4:30 5-5 3-4'									<u> </u>	-					
9:35 s-5 4-5'			7006	1	-		-		/						
9:40 5-5 5-6			<u>-0c7</u>	┞═╼┼	V		-		レ	1.					
9:45 5-5 6-7'			<u>-008</u>	<u> </u>	ue		<del> </del>								
9:50 5-5 7-8'			<u>-001</u>		ve Ø				4						
7:55 5-5 8-9'			<u>-010</u>		_				4						
10:00 5-59-10'			-011		-				4						Ť
ate: Time: Relinquished by:	Received by:	Via:	<u>ー ー の (                                </u>	Dom	orl:			7	1						
ate: Time: Relinquished by:	Received by:	Via:	9/17/20 1300	Rem		- 0m	dei 20	10n 6	2n erg 498	iy E 9	direc	u)	~	1	
If necessary, samples submitted to Hall Engrenmental may be subco	(m	( 3 1 m	Date Time	j		<i>1</i>							g .5	_	

Page
130
of 590
_

			Ä Standard □ Rush_			HALL ENVIRONMENT							ITA		•				
		TEXAS AVE	DIAMON   Project #:	D PWU 22 =	DIAMOND)		49	223 01 H:	,	WWW	/.halle	enviro	nmer	ntal.c	om IM 87			₹.A.	
Phone #: 575- email or Fax#:	746-871	o8	700794.	315.01		12.22.4	16	31. DU	5-34	5-39	175	Eas	EOF						
QA/QC Package:			Project Mana	ager:		_	$\widehat{}$					4	100		3 S J.				
☐ Standard		□ Level 4 (Full Validation	) R. Pons			(8021)	/MRO)	PCB's		MS		4, SO <sub>4</sub>		(Present/Absent)					
Accreditation:	☐ Az Co	mpliance	Sampler: Ro	NOIE RODA	SIGNES	TMB's	DRO	NI		7081		2, PO <sub>4</sub> ,		nt/Ab					
□ EDD (Type)_			On Ice: # of Coolers	∠ Yes	□ No	F/	-	308/	04.1	r 82		NO <sub>2</sub> ,		rese					
			Cooler Tem	(Including CF): SS	+0.1=5.6	MTBE	D(GR	ticides	hod 5	3310 c	fetals	NO3	-VOA	ım (P		.			
	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 7009A90	BTEX/ N	TPH:8015D(GRO	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	CIJF, Br, NO <sub>3</sub> , 8260 (VOA)	8270 (Semi-VOA)	al Coliform					
7-16-20 10:05 10:10	5012	<u>55   10-11'</u> 55   11-12'	GLASS I	ICE /COOL		В	E	86	Ш	P/		5) & X	827	Total					
10:20		55 11-12' 56 1-2'		/	-014				-			<u> </u>	+						_
10:25	No.	56 2-3'			-015					$\dashv$			_				44		
10:30	e and the second	56 3-41	<del></del>		-016										-		+	_	
/0:35		56 4-5'	_/		-017								+	-			-		
10:40		56 5-6'			-018						2	2					+	_	
10:45		56 6-7'			-019 -020							X						_	
1/0:50		56 78'	27.7	***	-021							× L	<u> </u>					-	-
/ //:05		<u>58 /-2'</u>	/		-022		X						_	ļ <u>.</u>					
11:10		58 2-31 58 3-41		(	-013		X			-			-						
Date: Time:	Relinquishe	ed by:	Received by:	Via:	-024							V			+-+				
7/17/22 13© Date: Time:	Relinquishe	ed by:	1. Sh		Date Time 9/17/22 / 300	Ren	narks	S: B	://	)-g.	10n	Ener	ih s	Dire	et				
9/1/2 1900	GA.	laa a	Received by:	Via:	Date Time	-	. (~)	) j = -	~ ~	UZ;	544	87							
If necessary,	samples sub	mitted to Hall Environmental may be s	subcontracted to att	Cor	9/18/20 0840										,	Pg 20	. 10 7		

Page
131
of 590

Chain-of-Custody Record  Client: Thum UPE	Turn-Around Time: 4-DAY  A Standard Rush  Project Name:  ANALYSIS LABORATORY
Mailing Address: 408 W.Texas Ave	(PIAMOND)  Www.hallenvironmental.com  Project #:  4901 Hawkins NE - Albuquerque, NM 87109
Phone #: 575-746-8768 email or Fax#: QA/QC Package:	706794, 315.0 [ Fax 505-345-4107 Project Manager: Analysis Request
☐ Standard ☐ Level 4 (Full Validation)	
Accreditation:   Accred	On ice: Deves Door No Do Contract Door No Do C
	On ice: Pare Bookipages  On ice: Pare Bookipages  # of Coolers: I  Cooler Temp(including cp): Pare Bookipages  Container Pare Bookipages  Container Preservative HEAL No. Type 7 C C 9 Page Bookipages  Type and # Type 7 C 9 Page Bookipages  Type and # Type 7 C 9 Page Bookipages  Type 7 C 9 Page Bookipages  Type 7 C 9 Page Bookipages  Type 1
Date Time Matrix Sample Name 3-16-20 11:15 Soil S8 4-5	Container Parting HEAL No. Type 7 CO 9790 HEAL String The String T
11:20   S8 5-6'   11:25   S8 6-7'	GLASS 1 1CE COOL -075
11:30   58 7-81   11:40   510 1-2'	-024
11:45 / 510 2-31	-030 X
11:55 \ \$10 4-5'	-031
1 12:05 / 510 6-7'	-033
12:10 \ 510 7-8'  Date: Time: Relinquished by:	-634
Pate: Time: Refinquished by:	Received by: Via: Date Time Remarks: Bill Deson Energy Direct  Received by: Via: Date Time Remarks: Bill Deson Energy Direct  Work 20754989
1770   400   GAUMANA.	Received by: Via: Date Time  Work 20754989  Cov 9(8/20 0500)  Pg 30+3  Intracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical received.



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

October 29, 2020

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Devon Energy Diamond PM4 22 #001H

OrderNo.: 2010B10

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 8 sample(s) on 10/23/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2010B10

Date Reported: 10/29/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

Collection Date: 10/21/2020 11:42:00 AM Received Date: 10/23/2020 8:00:00 AM

Lab ID:

2010B10-001

Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	7400	300	mg/Kg	100	10/27/2020 7:08:00 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Surr: BFB	102	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	73	9.5	mg/Kg	1	10/24/2020 3:39:18 PM	56002
Motor Oil Range Organics (MRO)	65	47	mg/Kg	1	10/24/2020 3:39:18 PM	56002
Surr: DNOP	77.5	30.4-154	%Rec	1	10/24/2020 3:39:18 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Toluene	ND	0.049	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Ethylbenzene	ND	0.049	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Xylenes, Total	ND	0.099	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Surr: 1,2-Dichloroethane-d4	95.1	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001
Surr: Dibromofluoromethane	105	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001
Surr: Toluene-d8	98.7	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001

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

#### Qualifiers:

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

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

Page 1 of 13

Date Reported: 10/29/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PM4 22 #001H

Lab ID: 2010B

Project:

2010B10-002

Client Sample ID: S-12 0-1'

Collection Date: 10/21/2020 11:47:00 AM

Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	20000	1500		mg/Kg	500	10/27/2020 7:20:24 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/24/2020 6:07:09 PM	56001
Surr: BFB	108	70-130		%Rec	1	10/24/2020 6:07:09 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2020 4:52:25 PM	56002
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/24/2020 4:52:25 PM	56002
Surr: DNOP	120	30.4-154		%Rec	1	10/24/2020 4:52:25 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst:	DJF
Benzene	ND	0.024		mg/Kg	1	10/24/2020 6:07:09 PM	56001
Toluene	ND	0.049		mg/Kg	1	10/24/2020 6:07:09 PM	56001
Ethylbenzene	ND	0.049		mg/Kg	1	10/24/2020 6:07:09 PM	56001
Xylenes, Total	ND	0.098		mg/Kg	1	10/24/2020 6:07:09 PM	56001
Surr: 1,2-Dichloroethane-d4	93.2	70-130		%Rec	1	10/24/2020 6:07:09 PM	56001
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	10/24/2020 6:07:09 PM	56001
Surr: Dibromofluoromethane	110	70-130		%Rec	1	10/24/2020 6:07:09 PM	56001
Surr: Toluene-d8	111	70-130		%Rec	1	10/24/2020 6:07:09 PM	56001

Matrix: SOIL

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

Qualifiers:

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

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

Page 2 of 13

Lab Order 2010B10

Date Reported: 10/29/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-13 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

Collection Date: 10/21/2020 11:51:00 AM

Lab ID:

2010B10-003

Matrix: SOIL

Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	29000	1500	mg/Kg	500	10/27/2020 7:32:48 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE	<b>=</b>				Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/24/2020 7:32:44 PM	56001
Surr: BFB	106	70-130	%Rec	1	10/24/2020 7:32:44 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/24/2020 5:16:46 PM	56002
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/24/2020 5:16:46 PM	56002
Surr: DNOP	68.8	30.4-154	%Rec	1	10/24/2020 5:16:46 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIS	Т				Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	10/24/2020 7:32:44 PM	56001
Toluene	ND	0.049	mg/Kg	1	10/24/2020 7:32:44 PM	56001
Ethylbenzene	ND	0.049	mg/Kg	1	10/24/2020 7:32:44 PM	56001
Xylenes, Total	ND	0.098	mg/Kg	1	10/24/2020 7:32:44 PM	56001
Surr: 1,2-Dichloroethane-d4	93.8	70-130	%Rec	1	10/24/2020 7:32:44 PM	56001
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/24/2020 7:32:44 PM	56001
Surr: Dibromofluoromethane	108	70-130	%Rec	1	10/24/2020 7:32:44 PM	56001
Surr: Toluene-d8	105	70-130	%Rec	1	10/24/2020 7:32:44 PM	56001

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

#### Qualifiers:

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

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

Page 3 of 13

Date Reported: 10/29/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PM4 22 #001H

Lab ID: 2010B10-004

Matrix: SOIL

Client Sample ID: S-14 0-1'

Collection Date: 10/21/2020 11:56:00 AM Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	1600	61		mg/Kg	20	10/26/2020 4:10:00 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/24/2020 8:01:26 PM	56001
Surr: BF8	103	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/24/2020 5:41:11 PM	56002
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/24/2020 5:41:11 PM	56002
Surr: DNOP	117	30.4-154		%Rec	1	10/24/2020 5:41:11 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst:	DJF
Benzene	ND	0.025		mg/Kg	1	10/24/2020 8:01:26 PM	56001
Toluene	ND	0.050		mg/Kg	1	10/24/2020 8:01:26 PM	56001
Ethylbenzene	ND	0.050		mg/Kg	1	10/24/2020 8:01:26 PM	56001
Xylenes, Total	ND	0.10		mg/Kg	1	10/24/2020 8:01:26 PM	56001
Surr: 1,2-Dichloroethane-d4	92.0	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001
Surr: Dibromofluoromethane	103	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001
Surr: Toluene-d8	98.7	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001

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

Qualifiers:

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

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

Page 4 of 13

Lab Order 2010B10

Date Reported: 10/29/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PM4 22 #001H

Project: Lab ID:

2010B10-005

Matrix: SOIL

Client Sample ID: S-15 0-1'

Collection Date: 10/21/2020 12:02:00 PM

Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0; ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/26/2020 4:22:24 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/24/2020 8:30:00 PM	56001
Surr: BFB	107	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/24/2020 6:05:34 PM	56002
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/24/2020 6:05:34 PM	56002
Surr: DNOP	80.9	30.4-154	%Rec	1	10/24/2020 6:05:34 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIS	Г				Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	10/24/2020 8:30:00 PM	56001
Toluene	ND	0.049	mg/Kg	1	10/24/2020 8:30:00 PM	56001
Ethylbenzene	ND	0.049	mg/Kg	1	10/24/2020 8:30:00 PM	56001
Xylenes, Total	ND	0.098	mg/Kg	1	10/24/2020 8:30:00 PM	56001
Surr: 1,2-Dichloroethane-d4	92.9	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
Surr: Dibromofluoromethane	107	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
Surr: Toluene-d8	106	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Ð Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- POL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

Page 5 of 13

Date Reported: 10/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Talon Artesia

2010B10-006

Devon Energy Diamond PM4 22 #001H

Matrix: SOIL

Client Sample ID: S-16 0-1

Collection Date: 10/21/2020 12:05:00 PM

Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/26/2020 4:34:48 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/24/2020 8:58:25 PM	56001
Surr; BFB	102	70-130	%Rec	1	10/24/2020 8:58:25 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/24/2020 6:30:00 PM	56002
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/24/2020 6:30:00 PM	56002
Surr: DNOP	107	30.4-154	%Rec	1	10/24/2020 6:30:00 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	10/24/2020 8:58:25 PM	56001
Toluene	ND	0.048	mg/Kg	1	10/24/2020 8:58:25 PM	56001
Ethylbenzene	ND	0.048	mg/Kg	1	10/24/2020 8:58:25 PM	56001
Xylenes, Total	ND	0.097	mg/Kg	1	10/24/2020 8:58:25 PM	56001
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	10/24/2020 8:58:25 PM	56001
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/24/2020 8:58:25 PM	56001
Surr: Dibromofluoromethane	107	70-130	%Rec	1	10/24/2020 8:58:25 PM	56001
Surr: Toluene-d8	105	70-130	%Rec	1	10/24/2020 8:58:25 PM	56001

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

Qualifiers:

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

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

Page 6 of 13

Date Reported: 10/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-17 0-1

 Project:
 Devon Energy Diamond PM4 22 #001H
 Collection Date: 10/21/2020 12:08:00 PM

 Lab ID:
 2010B10-007
 Matrix: SOIL
 Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	170	60	mg/Kg	20	10/26/2020 4:47:13 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Surr: BFB	106	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/24/2020 6:54:22 PM	56002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/24/2020 6:54:22 PM	56002
Surr: DNOP	84.3	30.4-154	%Rec	1	10/24/2020 6:54:22 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Toluene	ND	0.050	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Ethylbenzene	ND	0.050	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Xylenes, Total	ND	0.10	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Surr: 1,2-Dichloroethane-d4	90.4	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: Dibromofluoromethane	104	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: Toluene-d8	105	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001

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

Qualifiers:

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

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

Page 7 of 13

Date Reported: 10/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

Collection Date: 10/21/2020 12:15:00 PM

Lab ID: 2010B10-008

Received Date: 10/23/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	200	60	mg/Kg	20	10/26/2020 4:59:38 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/24/2020 9:55:32 PM	56001
Surr: BFB	106	70-130	%Rec	1	10/24/2020 9:55:32 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/24/2020 7:18:45 PM	56002
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/24/2020 7:18:45 PM	56002
Surr: DNOP	116	30.4-154	%Rec	1	10/24/2020 7:18:45 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	10/24/2020 9:55:32 PM	56001
Toluene	ND	0.050	mg/Kg	1	10/24/2020 9:55:32 PM	56001
Ethylbenzene	ND	0.050	mg/Kg	1	10/24/2020 9:55:32 PM	56001
Xylenes, Total	ND	0.10	mg/Kg	1	10/24/2020 9:55:32 PM	56001
Surr: 1,2-Dichloroethane-d4	95.3	70-130	%Rec	1	10/24/2020 9:55:32 PM	56001
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/24/2020 9:55:32 PM	56001
Surr: Dibromofluoromethane	104	70-130	%Rec	1	10/24/2020 9:55:32 PM	56001
Surr: Toluene-d8	106	70-130	%Rec	1	10/24/2020 9:55:32 PM	56001

Matrix: SOIL

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

Qualifiers:

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

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

Page 8 of 13

### Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B10

29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: MB-56038

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 56038

**PQL** 

1.5

RunNo: 72931

Prep Date: 10/26/2020

Analysis Date: 10/26/2020

Result

ND

SeqNo: 2564017

Units: mg/Kg HighLimit

**RPDLimit** %RPD

Qual

Analyte Chloride

Sample ID: LCS-56038

SampType: ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 56038

RunNo: 72931

SPK value SPK Ref Val %REC LowLimit

LowLimit

Units: mg/Kg

Analyte

Prep Date: 10/26/2020

Analysis Date: 10/26/2020

14

SeqNo: 2564018

HighLimit

%RPD **RPDLimit** Qual

PQL

15.00

92.5

90

110

Chloride

1.5

SPK value SPK Ref Val

%REC

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND Practical Quanitative Limit POL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range RL Reporting Limit

Page 9 of 13

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B10

29-Oct-20

Client:

Talon Artesia

Project: Devon E	nergy Dian	ond Pi	M4 22 #00	lH						
Sample ID: MB-56002	SampT	ype: Mi	BLK	Tes	tCode: E	PA Method	8015M/D: D	iesel Rang	e Organics	
Client ID: PBS	•	ID: 56			RunNo: 7			·	•	
				•			11			
Prep Date: 10/23/2020	Analysis D	ate: 1(	0/24/2020		SeqNo: 2	562944	Units: mg/l	<b>\</b> g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		107	30.4	154			
Sample ID: LCS-56002	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 56	002	F	RunNo: 7	2912				
Prep Date: 10/23/2020	Analysis D	ate: 10	0/24/2020	S	SeqNo: 2	562945	Units: mg/l	<b>⟨</b> g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	70	130			
Surr: DNOP	5.1		5.000		101	30.4	154			
Sample ID: 2010B10-001AMS	SampT	ype: MS	}	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: S-11 0-1'	Batch	ID: 560	002	F	RunNo: 72	2912				
Prep Date: 10/23/2020	Analysis D	ate: 10	/24/2020	5	SeqNo: 2	562947	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	130	9.7	48.59	73.46	116	15	184			
Surr: DNOP	5.0		4.859		103	30.4	154			
Sample ID: 2010B10-001AMS	D SampTy	/pe: MS	SD	Tes	Code: EF	A Method	8015M/D: Di	esel Range	e Organics	
Client ID: S-11 0-1'	Batch	ID: 560	002	F	tunNo: 72	2912				
Prep Date: 10/23/2020	Analysis Da	ate: 10	/24/2020	S	eqNo: 28	562948	Units: mg/M	(g		
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	150	9.8	49.07	73.46	153	15	184	13.7	23.9	
Surr: DNOP	4.9		4.907		99.9	30.4	154	0	0	

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 10 of 13

## Hall Environmental Analysis Laboratory, Inc.

WO#:

2010B10

29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: mb-56001 Client ID: PBS		SampType: MBLK TestCode: EPA Method 8260B: Volatiles SI  Batch ID: 56001 RunNo: 72901						tiles Short	List	
Prep Date: 10/23/2020	Analysis Date: 10/24/2020				SeqNo: 2		Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025				- John Tolo				
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.3	70	130			
Surr: 4-Bromofluorobenzene	0.55		0.5000		111	70	130			
Surr: Dibromofluoromethane	0.56		0.5000		111	70	130			
Surr: Toluene-d8	0.54		0.5000		109	70	130			

Sample ID: Ics-56001	Samp	Type: LC	S4	Tes	tCode: E	PA Method	8260B: Vola	tiles Short	List	
Client ID: BatchQC	Bato	h ID: 56	: 56001 RunNo: 72901							
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			5	SeqNo: 2	562493	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1,000	0	91.3	80	120		Summer's	
Toluene	1.0	0.050	1,000	0	105	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.9	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.5000		104	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130			
Surr: Toluene-d8	0.52		0.5000		103	70	130			

Sample ID: 2010b10-001ams	Samp	Type: MS	34	Tes	tCode: E	PA Method	8260B: Vola	tiles Short	List	
Client ID: S-11 0-1'	Batc	Batch ID: 56001 RunNo: 72901								
Prep Date: 10/23/2020	Analysis [	Date: 10	0/24/2020	8	SeqNo: 2562495 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9960	0	104	71.1	115			
Foluene	1.3	0.050	0.9960	0.008087	125	79.6	132			
Ethylbenzene	1.2	0.050	0.9960	0	125	83.8	134			
Xylenes, Total	3.8	0.10	2.988	0	126	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.49		0.4980		98.5	70	130			
Surr; 4-Bromofluorobenzene	0.50		0.4980		100	70	130			
Surr; Dibromofluoromethane	0.53		0.4980		107	70	130			
Surr: Toluene-d8	0.53		0.4980		106	70	130			

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 13

### Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B10

29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: 2010b10-001ams	•	Гуре: <b>МS</b> h ID: <b>56</b> 6			tCode: <b>El</b> RunNo: <b>7</b> :	PA Method 2901	List					
Prep Date: 10/23/2020	Analysis [	Date: 10	10/24/2020 SeqNo: <b>2562496</b>				Units: mg/K	(g				
Analyte	Result	PQL.	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	1.0	0.024	0.9737	0	107	71.1	115	0.193	20			
Toluene	1.2	0.049	0.9737	0.008087	120	79.6	132	6.12	20			
Ethylbenzene	1.2	0.049	0.9737	0	125	83.8	134	2.38	20			
Xylenes, Total	3.7	0.097	2.921	0	128	82.4	132	1.33	20			
Surr: 1,2-Dichloroethane-d4	0.45		0.4869		93.2	70	130	0	0			
Surr: 4-Bromofluorobenzene	0.53		0.4869		108	70	130	0	0			
Surr: Dibromofluoromethane	0.54		0.4869		111	70	130	0	0			
Surr: Toluene-d8	0.51		0.4869		106	70	130	0	0			

### Qualifiers:

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

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

Page 12 of 13

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B10

29-Oct-20

Client: Project:

Analyte

Talon Artesia

Devon Energy Diamond PM4 22 #001H

Sample ID:	mb-56001
Client ID:	PBS

SampType: MBLK

TestCode: EPA Method 8015D Mod: Gasoline Range

Batch ID: 56001

5.0

RunNo: 72901

Units: mg/Kg

Prep Date: 10/23/2020

Analysis Date: 10/24/2020 PQL. SPK value SPK Ref Val Result

SeqNo: 2562518 %REC

HighLimit

**RPDLimit** Qual

Gasoline Range Organics (GRO) Surr: BFB

540

ND

500.0

109

LowLimit

70

130

%RPD

Sample ID: Ics-56001

SampType: LCS Batch ID: 56001

TestCode: EPA Method 8015D Mod: Gasoline Range RunNo: 72901

Client ID: LCSS Prep Date: 10/23/2020

Analysis Date: 10/24/2020

SeqNo: 2562519

103

Units: mg/Kg

Analyte Gasoline Range Organics (GRO)

Result **PQL** 

SPK value SPK Ref Val

25.00

500.0

499.5

24.88

497.5

%REC 88.9

LowLimit 70 70

HighLimit %RPD 130

**RPDLimit** 

Qual

Surr: BFB Sample ID: 2010b10-002ams

SampType: MS

22

520

Result

28

510

27

TestCode: EPA Method 8015D Mod: Gasoline Range

130

Client ID: S-12 0-1 Prep Date: 10/23/2020 Batch ID: 56001

RunNo: 72901

Units: mg/Kg

122

130

Analyte

Analysis Date: 10/24/2020

5.0

SeqNo: 2562522

Qual

Gasoline Range Organics (GRO)

**PQL** SPK value SPK Ref Val 5.0 24.98

%REC 0 113

LowLimit HighLimit 49.2 70

%RPD **RPDLimit** 

Surr: BFB

Sample ID: 2010b10-002amsd

SampType: MSD

TestCode: EPA Method 8015D Mod: Gasoline Range RunNo: 72901

103

Client ID: Prep Date:

Analyte

S-12 0-1' 10/23/2020 Batch ID: 56001

5.0

SeqNo: 2562523

70

Units: mg/Kg

**RPDLimit** 

Qual

20

0

Gasoline Range Organics (GRO) Surr: BFB

Analysis Date: 10/24/2020 Result **PQL** 

SPK value SPK Ref Val

%REC LowLimit 110

49.2

HighLimit 122

130

3.67

%RPD

0

101

500

Qualifiers: Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit PQL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank Analyte detected below quantitation limits

Value above quantitation range

Sample pH Not In Range RL Reporting Limit

Page 13 of 13



Hall Environmental Analysis Laboratory 4901 Hawkins NL Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

# Sample Log-In Check List

Client Name:	Talon Artesia	Work Order Nur	mber: 201	0B10			ReptNo: 1	
Received By:	Cheyenne Cason	10/23/2020 8:00:0	00 AM					
Completed By:	Isaiah Ortiz	10/23/2020 8:17:1	2 AM		× 10	(	X.4.	
Reviewed By:	SPA 10, 23	150						
Chain of Custo	ody							
1. Is Chain of Cus	stody complete?		Yes	V	No		Not Present	
2. How was the sa	ample delivered?		Cou	rier				
Log In								
	t made to cool the sampl	es?	Yes	V	No		NA 🗆	
4. Were all sample	es received at a temperat	ure of >0° C to 6.0°C	Yes		No	V	NA. 🗆	
5. Sample(s) in pr	oper container(s)?		Yes	<b>V</b>	No			
6. Sufficient sampl	e volume for indicated te	st(s)?	Yes	V	No			
7. Are samples (ex	cept VOA and ONG) pro	perly preserved?	Yes	<b>V</b>	No			
8. Was preservativ	e added to bottles?		Yes		No	V	NA 🗌	
9. Received at leas	st 1 vial with headspace <	1/4" for AQ VOA?	Yes		No		NA 🔽	
0, Were any samp	le containers received br	oken?	Yes		No	V	# of preserved	January Market
1. Does paperwork	match bottle labels?		Yes	V	No		bottles checked for pH:	
(Note discrepand	cies on chain of custody)						J	unless noted)
	rectly identified on Chain			V	No		Adjusted?	
	nalyses were requested?			<b>V</b>	No		Checked by:	10/02/0
	times able to be met? omer for authorization.)		Yes	V	No !		Checked by: Jule	(01/2)/-
pecial Handlin	g (if applicable)							
5. Was client notifi	ed of all discrepancies w	ith this order?	Yes		No		NA 🗹	
Person No	otified:	Date	:	TSCOMMENCED STRAIG	Selection and the September 1995	man in service.		
By Whom		Via:	ема	il 🔲 P	hone 🔲	Fax	In Person	
Regarding	•	retining provinced and the second state of the Second Pt. 2002, Second Pt. 2002, Second Secon	trocklet solien selledeletere		200492/ratin kumahummana	Sachrennes ret	Lender 1992 (Antique 1995) Antique (antique antique antique antique antique antique antique antique antique an	
Client Inst	ructions:	t it is the commission with the second of th	www.wagoscatalaa	annennen side er en en	ل في و محمد مسال المدلق فيلادون	and could be proceed	ing Sea 2000 (1994) de le le page del pollego en que l'aggregation en en en el consideration de la company de la consideration de la company d	
6. Additional rema	rks:							
	Temp ⁰C Condition	Seal Intact   Seal No   Not Present	Seal Da	ate	Signed B	у		

Page 1 of 1

-0.6

Good

Not Present

Client:	Address	lon	LPE f;le	Turn-Around Time: 4-day  Standard  Rush  Project Name: Deven Energy  Diamond PWY 22 #0011†  Project #:			HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107													
	#. or Fax#:			700794	315.01				-		100					west				
	Package:	***************************************		Project Mana	ager:		1)	0				100000	SO.						$\top$	
□ Sta			☐ Level 4 (Full Validation)	R Pons			(8021)	DRO / MRO)	CB's	777	SIMS					Absen				
□ NEI		□ Az Co	ompliance r	Sampler: ß On Ice: # of Coolers	Sinclair Ayes	□ No	MTBE / TMB's		8081 Pesticides/8082 PCB's	od 504.1)	PAHs by 8310 or 8270SIMS		NO3, NO2, PO4,	Mark of the Control	-VOA)	Total Coliform (Present/Absent)	Same and the same	A THE REAL PROPERTY OF THE PRO		
Date		Matrix	Sample Name	Container Type and #	Preservative	HEAL NO. ZOTOBIO	BTEX) MT	(PH)8015D(GRO/	8081 Pestic	EDB (Method 504.1)	PAHs by 83	RA 8 N	(CI) F., Br., N	8260 (VOA)	8270 (Semi-VOA)	otal Colifor		Charles Andrews		
0-21	11:42	soil	5-11 0-1	4 02 jar	ice	001	1	1					1		<u></u>					+
1	11:47		5-12 0-1			Ô17Z		(D) Survey of the					1		i					+
1	11:51		5-13 0-1			003										-	-		++	-
100	11:56		5-14 0-1	- Heart Control		704					1					+				+
	12 02		5-15 1-1	ALC: NO.		005					$\exists$			-		-			+++	
TIE-OFF	12:05		5-16 2-1			006					-		H	-			_	_	+++	-
The state of the s	12:08		5-17 0-1			007			_									-		
	12:15		5-18 0-1			008				$\exists$		1		-					-	-
						003		1									_	_	++	
									-				+		ļ		-		+	-
													+					+		+
Date:	Time:	Relinquish	ed by:	- Ot		ш												+		+
ldzole Date: Vzejzo	1	Relinquish	Sill	Received by:	Via:	Date Time    Okela   1000  Date Time	Rem W/			2	075	5 4	9	89 10		O.	フセンシャ	0 =	9.0 4.0 -0.6	



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

December 03, 2020

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Devon Energy Diamond PWU 22 001H

OrderNo.: 2011C43

#### Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 27 sample(s) on 11/25/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2011C43

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 2'

Project: Devon Energy Diamond PWU 22 001H Collection Date: 11/19/2020 1:35:00 PM

Lab ID: 2011C43-001 Matrix: SOIL Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	3000	150	mg/Kg	50	11/30/2020 11:25:20 AM	A 56676
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Surr: BFB	103	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/1/2020 12:03:16 PM	56713
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/1/2020 12:03:16 PM	56713
Surr: DNOP	129	30.4-154	%Rec	1	12/1/2020 12:03:16 PM	56713
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.023	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Toluene	ND	0.047	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Ethylbenzene	ND	0.047	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Xylenes, Total	ND	0.094	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Surr: 1,2-Dichforoethane-d4	103	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663
Surr: Dibromofluoromethane	112	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663
Surr: Toluene-d8	92.3	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663

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

Qualifiers:

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

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

Page 1 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 3'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 1:35:00 PM

 Lab ID:
 2011C43-002
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	2100	150	mg/Kg	50	11/30/2020 11:37:45 AN	1 56676
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/28/2020 5:36:54 PM	56663
Surr: BFB	101	70-130	%Rec	1	11/28/2020 5:36:54 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGAN	VICS				Analyst:	BRM
Diesel Range Organics (DRO)	33	9.8	mg/Kg	1	12/1/2020 12:12:48 PM	56713
Motor Oil Range Organics (MRO)	58	49	mg/Kg	1	12/1/2020 12:12:48 PM	56713
Surr: DNOP	120	30.4-154	%Rec	1	12/1/2020 12:12:48 PM	56713
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	11/28/2020 5:36:54 PM	56663
Toluene	ND	0.047	mg/Kg	1	11/28/2020 5:36:54 PM	56663
Ethylbenzene	ND	0.047	mg/Kg	1	11/28/2020 5:36:54 PM	56663
Xylenes, Total	ND	0.094	mg/Kg	1	11/28/2020 5:36:54 PM	56663
Surr: 1,2-Dichloroethane-d4	102	70-130	%Rec	1	11/28/2020 5:36:54 PM	56663
Surr: 4-Bromofluorobenzene	96.0	70-130	%Rec	1	11/28/2020 5:36:54 PM	56663
Surr: Dibromofluoromethane	109	70-130	%Rec	1	11/28/2020 5:36:54 PM	56663
Surr: Toluene-d8	88.8	70-130	%Rec	1	11/28/2020 5:36:54 PM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 4'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 1:40:00 PM

 Lab ID:
 2011C43-003
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

	1922					
Analyses	Result	RL	Qual Unit	s DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		- Lemmings S			Analyst:	VP
Chloride	99	59	mg/k	g 20	11/27/2020 3:05:24 AM	56676
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/k	g 1	11/28/2020 6:05:27 PM	56663
Surr: BFB	108	70-130	%Re	c 1	11/28/2020 6:05:27 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/K	g 1	12/1/2020 12:22:22 PM	56713
Motor Oil Range Organics (MRO)	ND	47	mg/k	g 1	12/1/2020 12:22:22 PM	56713
Surr: DNOP	114	30.4-154	%Re	0 1	12/1/2020 12:22:22 PM	56713
EPA METHOD 8260B; VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.023	mg/K	g 1	11/28/2020 6:05:27 PM	56663
Toluene	ND	0.046	mg/K	g 1	11/28/2020 6:05:27 PM	56663
Ethylbenzene	ND	0.046	mg/K	g 1	11/28/2020 6:05:27 PM	56663
Xylenes, Total	ND	0.093	mg/K	g 1	11/28/2020 6:05:27 PM	56663
Surr: 1,2-Dichloroethane-d4	105	70-130	%Re	1	11/28/2020 6:05:27 PM	56663
Surr: 4-Bromofluorobenzene	96.3	70-130	%Re	1	11/28/2020 6:05:27 PM	56663
Surr: Dibromofluoromethane	116	70-130	%Re	1	11/28/2020 6:05:27 PM	56663
Surr: Toluene-d8	90.4	70-130	%Re	1	11/28/2020 6:05:27 PM	56663

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

Qualifiers:

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

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

Page 3 of 32

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 6'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 1:40:00 PM

 Lab ID:
 2011C43-004
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Analyst: VP

 Chloride
 97
 60
 mg/Kg
 20
 11/27/2020 3:17:49 AM
 56676

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

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

**Lab ID:** 2011C43-005

Project:

Client Sample ID: S-11 8'

**Collection Date:** 11/19/2020 1:45:00 PM **Received Date:** 11/25/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: VP
Chloride	4100	150	mg/Kg	50 11/30/2020 12:14:58	PM 56676

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 32

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 10

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 1:45:00 PM

 Lab ID:
 2011C43-006
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	/st: <b>VP</b>
Chloride	1400	59	mg/Kg	20	11/27/2020 3:42:38 /	AM 56676

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-11 12' R

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 1:45:00 PM

 Lab ID:
 2011C43-007
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	150	61	mg/Kg	20	11/27/2020 3:55:03	M 56676

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

QL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 7 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

Devon Energy Diamond PWU 22 001H

CLIENT: Talon Artesia

2011C43-008

Project:

Lab ID:

Matrix: SOIL

Client Sample ID: S-12 2'

Collection Date: 11/19/2020 11:15:00 AM Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	ND	60		mg/Kg	20	11/27/2020 4:32:16 AM	56676
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/28/2020 6:34:01 PM	56663
Surr: BFB	106	70-130		%Rec	1	11/28/2020 6:34:01 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	VICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/1/2020 12:31:57 PM	56713
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/1/2020 12:31:57 PM	56713
Surr: DNOP	90.9	30.4-154		%Rec	1	12/1/2020 12:31:57 PM	56713
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst:	DJF
Benzene	ND	0.025		mg/Kg	1	11/28/2020 6:34:01 PM	56663
Toluene	ND	0.049		mg/Kg	1	11/28/2020 6:34:01 PM	56663
Ethylbenzene	ND	0.049		mg/Kg	1	11/28/2020 6:34:01 PM	56663
Xylenes, Total	ND	0.099		mg/Kg	1	11/28/2020 6:34:01 PM	56663
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/28/2020 6:34:01 PM	56663
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	11/28/2020 6:34:01 PM	56663
Surr: Dibromofluoromethane	116	70-130		%Rec	1	11/28/2020 6:34:01 PM	56663
Surr: Toluene-d8	92.8	70-130		%Rec	1	11/28/2020 6:34:01 PM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit ND

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 8 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-12 3'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 11:15:00 AM

 Lab ID:
 2011C43-009
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Result **RL Qual Units** DF Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP 11/27/2020 4:44:41 AM 56676 Chloride 200 61 mg/Kg Analyst: DJF **EPA METHOD 8015D MOD: GASOLINE RANGE** 11/28/2020 7:02:30 PM 56663 Gasoline Range Organics (GRO) ND 4.7 mg/Kg 11/28/2020 7:02:30 PM 56663 101 70-130 %Rec Surr: BFB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: **BRM** 12/1/2020 12:41:32 PM 56713 mg/Kg Diesel Range Organics (DRO) ND 97 12/1/2020 12:41:32 PM 56713 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 12/1/2020 12:41:32 PM 56713 Surr: DNOP 117 30.4-154 %Rec **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF 11/28/2020 7:02:30 PM 56663 Benzene ND 0.024 mg/Kg 1 ND 0.047 mg/Kg 1 11/28/2020 7:02:30 PM 56663 Toluene ND 0.047 mg/Kg 11/28/2020 7:02:30 PM 56663 Ethylbenzene ND 0.094 mg/Kg 11/28/2020 7:02:30 PM 56663 Xylenes, Total %Rec 11/28/2020 7:02:30 PM 56663 Surr: 1,2-Dichloroethane-d4 103 70-130 70-130 %Rec 11/28/2020 7:02:30 PM 56663 Surr: 4-Bromofluorobenzene 93.0 70-130 11/28/2020 7:02:30 PM 56663 %Rec 1 Surr: Dibromofluoromethane 110 11/28/2020 7:02:30 PM 56663 Surr: Toluene-d8 85.7 70-130 %Rec

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

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-12 4'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/19/2020 11:20:00 AM

 Lab ID:
 2011C43-010
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Batch DF Date Analyzed Result **RL Qual Units** Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 11/27/2020 4:57:05 AM 56676 290 61 mg/Kg 20 Analyst: DJF **EPA METHOD 8015D MOD: GASOLINE RANGE** 11/28/2020 7:31:01 PM 56663 4.8 Gasoline Range Organics (GRO) ND mg/Kg 11/28/2020 7:31:01 PM 104 70-130 %Rec Surr: BFB Analyst: BRM **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** 12/1/2020 12:51:09 PM 56713 ND 8.6 mg/Kg Diesel Range Organics (DRO) 12/1/2020 12:51:09 PM 56713 43 mg/Kg Motor Oil Range Organics (MRO) 60 12/1/2020 12:51:09 PM 56713 Surr: DNOP 92.8 30.4-154 %Rec Analyst: DJF **EPA METHOD 8260B: VOLATILES SHORT LIST** 11/28/2020 7:31:01 PM 56663 ND 0.024 mg/Kg Benzene 11/28/2020 7:31:01 PM 56663 ND 0.048 mg/Kg Toluene 11/28/2020 7:31:01 PM 56663 0.048 mg/Kg ND Ethylbenzene 56663 11/28/2020 7:31:01 PM mg/Kg Xylenes, Total ND 0.096 11/28/2020 7:31:01 PM 56663 %Rec 107 70-130 Surr: 1,2-Dichloroethane-d4 11/28/2020 7:31:01 PM 70-130 %Rec Surr: 4-Bromofluorobenzene 99.7 11/28/2020 7:31:01 PM 56663 70-130 %Rec Surr: Dibromofluoromethane 113 70-130 %Rec 11/28/2020 7:31:01 PM 56663 89.9 Surr: Toluene-d8

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

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 10 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-011

Client Sample ID: S-12 6'

Collection Date: 11/19/2020 11:20:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	st: VP
Chloride	300	60		mg/Kg	20	11/27/2020 5:34:19 Al	VI 56676

Matrix: SOIL

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

Qualifiers:

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-12 8'

roject: Devon Energy Diamond PWU 22 001H Collection Date: 11/19/2020 11:30:00 AM

Lab ID: 2011C43-012 Matrix: SOIL Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	/st: <b>VP</b>
Chloride	240	60	mg/Kg	20	11/28/2020 10:32:51	AM 56677

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 12 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-013

Client Sample ID: S-12 10' R

**Collection Date:** 11/19/2020 11:50:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	yst: <b>VP</b>
Chloride	170	60	mg/Kg	20	11/28/2020 11:10:05	AM 56677

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Däuted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Linut

Page 13 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-014

Matrix: SOIL

Client Sample ID: S-13 2'

Collection Date: 11/19/2020 1:00:00 PM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS		•			Analyst: <b>VF</b>	Р
Chloride	680	60	mg/Kg	20	11/28/2020 11:22:30 AM 56	3677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: DJ	JF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/28/2020 7:59:34 PM 56	3663
Surr: BFB	101	70-130	%Rec	1	11/28/2020 7:59:34 PM 56	3663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: BF	RM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/30/2020 11:02:34 AM 56	3680
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/30/2020 11:02:34 AM 56	3680
Surr: DNOP	83.0	30.4-154	%Rec	1	11/30/2020 11:02:34 AM 56	3680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: DJ	JF
Benzene	ND	0.023	mg/Kg	1	11/28/2020 7:59:34 PM 56	663
Toluene	ND	0.046	mg/Kg	1	11/28/2020 7:59:34 PM 566	663
Ethylbenzene	ND	0.046	mg/Kg	1	11/28/2020 7:59:34 PM 566	6663
Xylenes, Total	ND	0.092	mg/Kg	1	11/28/2020 7:59:34 PM 566	6663
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	1	11/28/2020 7:59:34 PM 566	6663
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	11/28/2020 7:59:34 PM 566	663
Surr: Dibromofluoromethane	116	70-130	%Rec	1	11/28/2020 7:59:34 PM 566	6663
Surr: Toluene-d8	89.2	70-130	%Rec	1	11/28/2020 7:59:34 PM 566	663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 14 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-015

Matrix: SOIL

Client Sample ID: S-13 3'

**Collection Date:** 11/19/2020 1:00:00 PM **Received Date:** 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	81	60	mg/Kg	20	11/28/2020 11:34:55 AM	A 56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/28/2020 8:28:04 PM	56663
Surr: BFB	105	70-130	%Rec	1	11/28/2020 8:28:04 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/30/2020 11:12:03 AM	/I 56680
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/30/2020 11:12:03 AM	A 56680
Surr: DNOP	76.5	30.4-154	%Rec	1	11/30/2020 11:12:03 AN	A 56680
EPA METHOD 8260B: VOLATILES SHORT LIST	•		•		Analyst:	DJF
Benzene	ND	0.023	mg/Kg	1	11/28/2020 8:28:04 PM	56663
Toluene	ND	0.046	mg/Kg	1	11/28/2020 8:28:04 PM	56663
Ethylbenzene	ND	0.046	mg/Kg	1	11/28/2020 8:28:04 PM	56663
Xylenes, Total	ND	0.093	mg/Kg	1	11/28/2020 8:28:04 PM	56663
Surr: 1,2-Dichloroethane-d4	104	70-130	%Rec	1	11/28/2020 8:28:04 PM	56663
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	11/28/2020 8:28:04 PM	56663
Surr: Dibromofluoromethane	109	70-130	%Rec	1	11/28/2020 8:28:04 PM	56663
Surr: Toluene-d8	91.7	70-130	%Rec	1	11/28/2020 8:28:04 PM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 15 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-016

Matrix: SOIL

Client Sample ID: S-13 4'

Collection Date: 11/19/2020 1:15:00 PM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DE	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	Silling Co.				Analys	t: VP
Chloride	9200	600	mg/Kg	20	0 11/30/2020 12:27:22 P	M 56677
EPA METHOD 8015D MOD: GASOLINE RA	ANGE				Analys	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/28/2020 8:56:33 PM	56663
Surr: BFB	101	70-130	%Rec	1	11/28/2020 8:56:33 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	17	9.6	mg/Kg	1	11/30/2020 11:21:33 A	M 56680
Motor Oil Range Organics (MRO)	78	48	mg/Kg	1	11/30/2020 11:21:33 A	M 56680
Surr: DNOP	88.1	30.4-154	%Rec	1	11/30/2020 11:21:33 Al	M 56680
EPA METHOD 8260B: VOLATILES SHORT	LIST				Analyst	DJF
Benzene	ND	0.024	mg/Kg	1	11/28/2020 8:56:33 PM	56663
Toluene	ND	0.048	mg/Kg	1	11/28/2020 8:56:33 PM	56663
Ethylbenzene	ND	0.048	mg/Kg	1	11/28/2020 8:56:33 PM	56663
Xylenes, Total	ND	0.096	mg/Kg	1	11/28/2020 8:56:33 PM	56663
Surr: 1,2-Dichloroethane-d4	107	70-130	%Rec	1	11/28/2020 8:56:33 PM	56663
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	11/28/2020 8:56:33 PM	56663
Surr: Dibromofluoromethane	112	70-130	%Rec	1	11/28/2020 8:56:33 PM	56663
Surr: Toluene-d8	90.9	70-130	%Rec	1	11/28/2020 8:56:33 PM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 16 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-017

Client Sample ID: S-13 6'

Collection Date: 11/19/2020 1:15:00 PM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Qua	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	ND	60	mg/Kg	20	11/28/2020 11:59:44	AM 56677

Matrix: SOIL

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

Qualifiers:

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

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

Page 17 of 32

Date Reported: 12/3/2020

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-018

Matrix: SOIL

Client Sample ID: S-13 8'

Collection Date: 11/19/2020 1:20:00 PM Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: <b>VP</b>
Chloride	4800	150	mg/Kg	50	11/30/2020 12:39:47	PM 56677

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 18 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-019

Client Sample ID: S-13 10' R

**Collection Date:** 11/19/2020 1:25:00 PM **Received Date:** 11/25/2020 8:00:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	yst: <b>VP</b>
Chloride	ND	60	mg/Kg	20	11/28/2020 12:24:32	PM 56677

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not in Range

RL Reporting Limit

Page 19 of 32

Lab Order 2011C43 Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-14 1' CLIENT: Talon Artesia

Collection Date: 11/20/2020 9:00:00 AM Devon Energy Diamond PWU 22 001H Project: 2011C43-020 Matrix: SOIL Received Date: 11/25/2020 8:00:00 AM Lab ID:

Analyses	Result	RL	Qual Units	DF	Date Analyzed 1	Batch
EPA METHOD 300.0: ANIONS					Analyst: \	VP
Chloride	150	59	mg/Kg	20	11/28/2020 12:36:56 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: I	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/28/2020 9:25:00 PM - 8	56663
Surr: BFB	104	70-130	%Rec	1	11/28/2020 9:25:00 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: E	3RM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/30/2020 11:31:03 AM 5	56680
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/30/2020 11:31:03 AM 5	56680
Surr: DNOP	73.1	30.4-154	%Rec	1	11/30/2020 11:31:03 AM 5	56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: <b>[</b>	DJF
Benzene	ND	0.025	mg/Kg	1	11/28/2020 9:25:00 PM 5	56663
Toluene	ND	0.049	mg/Kg	1	11/28/2020 9:25:00 PM 5	56663
Ethylbenzene	ND	0.049	mg/Kg	1	11/28/2020 9:25:00 PM 5	56663
Xylenes, Total	ND	0.099	mg/Kg	1	11/28/2020 9:25:00 PM 5	56663
Surr: 1,2-Dichloroethane-d4	102	70-130	%Rec	1	11/28/2020 9:25:00 PM 5	56663
Surr: 4-Bromofluorobenzene	99.5	70-130	%Rec	1	11/28/2020 9:25:00 PM 5	56663
Surr: Dibromofluoromethane	109	70-130	%Rec	1	11/28/2020 9:25:00 PM 5	56663
Surr: Toluene-d8	90.4	70-130	%Rec	1	11/28/2020 9:25:00 PM 5	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Practical Quanitative Limit PQL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 20 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-14 2

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/20/2020 9:00:00 AM

 Lab ID:
 2011C43-021
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			Offilias:		Analyst:	VP
Chloride	65	59	mg/Kg	20	11/28/2020 12:49:21 PM	1 56677
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/28/2020 9:53:25 PM	56663
Surr: BFB	102	70-130	%Rec	1	11/28/2020 9:53:25 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/30/2020 11:40:33 AM	1 56680
Motor Oil Range Organics (MRO)	48	48	mg/Kg	1	11/30/2020 11:40:33 AM	1 56680
Surr: DNOP	98.0	30.4-154	%Rec	1	11/30/2020 11:40:33 AM	1 56680
EPA METHOD 8260B: VOLATILES SHOP	RT LIST				Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	11/28/2020 9:53:25 PM	56663
Toluene	ND	0.049	mg/Kg	1	11/28/2020 9:53:25 PM	56663
Ethylbenzene	ND	0.049	mg/Kg	1	11/28/2020 9:53:25 PM	56663
Xylenes, Total	ND	0.099	mg/Kg	1	11/28/2020 9:53:25 PM	56663
Surr: 1,2-Dichloroethane-d4	102	70-130	%Rec	1	11/28/2020 9:53:25 PM	56663
Surr: 4-Bromofluorobenzene	98.0	70-130	%Rec	1	11/28/2020 9:53:25 PM	56663
Surr: Dibromofluoromethane	108	70-130	%Rec	1	11/28/2020 9:53:25 PM	56663
Surr: Toluene-d8	86.3	70-130	%Rec	1	11/28/2020 9:53:25 PM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 21 of 32

Date Reported: 12/3/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-022

Client Sample ID: S-14 3'

Collection Date: 11/20/2020 9:15:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Unit	s DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		Sems.			Analyst:	VP
Chloride	190	61	mg/k	g 20	11/28/2020 1:01:46 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/k	g 1	11/28/2020 10:21:47 PM	1 56663
Surr: BFB	105	70-130	%Re	0 1	11/28/2020 10:21:47 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/k	g 1	11/30/2020 11:50:04 AM	1 56680
Motor Oil Range Organics (MRO)	ND	49	mg/k	g 1	11/30/2020 11:50:04 AM	1 56680
Surr: DNOP	84.1	30.4-154	%Re	2 1	11/30/2020 11:50:04 AM	1 56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/k	g 1	11/28/2020 10:21:47 PM	1 56663
Toluene	ND	0.048	mg/k	g 1	11/28/2020 10:21:47 PM	56663
Ethylbenzene	ND	0.048	mg/k	g 1	11/28/2020 10:21:47 PM	56663
Xylenes, Total	ND	0.095	mg/k	g 1	11/28/2020 10:21:47 PM	1 56663
Surr: 1,2-Dichloroethane-d4	106	70-130	%Re	1	11/28/2020 10:21:47 PM	56663
Surr: 4-Bromofluorobenzene	97.5	70-130	%Re	1	11/28/2020 10:21:47 PM	56663
Surr: Dibromofluoromethane	113	70-130	%Re	1	11/28/2020 10:21:47 PM	56663
Surr: Toluene-d8	90.8	70-130	%Re	1	11/28/2020 10:21:47 PM	56663

Matrix: SOIL

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

Qualifiers:

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

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

Page 22 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-023

Client Sample ID: S-14 4'

Collection Date: 11/20/2020 9:15:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Un	its D	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg	/Kg 2	0 11/28/2020 1:39:00 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg	/Kg 1	11/29/2020 1:39:58 AM	56663
Surr: BFB	104	70-130	%F	Rec 1	11/29/2020 1:39:58 AM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg	/Kg 1	11/30/2020 11:59:36 Af	√ 56680
Motor Oil Range Organics (MRO)	ND	46	mg	/Kg 1	11/30/2020 11:59:36 AM	A 56680
Surr: DNOP	95.2	30.4-154	%F	Rec 1	11/30/2020 11:59:36 Al	A 56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.023	mg	/Kg 1	11/29/2020 1:39:58 AM	56663
Toluene	ND	0.047	mg	/Kg 1	11/29/2020 1:39:58 AM	56663
Ethylbenzene	ND	0.047	mg	/Kg 1	11/29/2020 1:39:58 AM	56663
Xylenes, Total	ND	0.093	mg	/Kg 1	11/29/2020 1:39:58 AM	56663
Surr: 1,2-Dichloroethane-d4	105	70-130	%F	lec 1	11/29/2020 1:39:58 AM	56663
Surr: 4-Bromofluorobenzene	105	70-130	%F	lec 1	11/29/2020 1:39:58 AM	56663
Surr: Dibromofluoromethane	108	70-130	%F	tec 1	11/29/2020 1:39:58 AM	56663
Surr: Toluene-d8	90.7	70-130	%F	tec 1	11/29/2020 1:39:58 AM	56663

Matrix: SOIL

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

Qualifiers:

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

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

Page 23 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-024

Project:

Client Sample ID: S-19 0-1'

**Collection Date:** 11/20/2020 10:40:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	120	61	mg/Kg	20	11/28/2020 1:51:24 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/29/2020 2:08:14 AM	56663
Surr: BFB	109	70-130	%Rec	1	11/29/2020 2:08:14 AM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/30/2020 12:09:07 PM	56680
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/30/2020 12:09:07 PM	56680
Surr: DNOP	80.6	30.4-154	%Rec	1	11/30/2020 12:09:07 PM	56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	11/29/2020 2:08:14 AM	56663
Toluene	ND	0.048	mg/Kg	1	11/29/2020 2:08:14 AM	56663
Ethylbenzene	ND	0.048	mg/Kg	1	11/29/2020 2:08:14 AM	56663
Xylenes, Total	ND	0.096	mg/Kg	1	11/29/2020 2:08:14 AM	56663
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	1	11/29/2020 2:08:14 AM	56663
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	11/29/2020 2:08:14 AM	56663
Surr: Dibromofluoromethane	109	70-130	%Rec	1	11/29/2020 2:08:14 AM	56663
Surr: Toluene-d8	88.8	70-130	%Rec	1	11/29/2020 2:08:14 AM	56663

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 24 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-20 0-1'

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/20/2020 10:50:00 AM

 Lab ID:
 2011C43-025
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	amor -					Analyst:	VP
Chloride	120	60		mg/Kg	20	11/28/2020 2:03:49 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANG	GE.					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/29/2020 2:36:29 AM	56663
Surr: BFB	103	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/30/2020 12:18:42 PM	56680
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2020 12:18:42 PM	56680
Surr; DNOP	89.2	30.4-154		%Rec	1	11/30/2020 12:18:42 PM	56680
EPA METHOD 8260B: VOLATILES SHORT LIS	ST					Analyst:	DJF
Benzene	ND	0.024		mg/Kg	1	11/29/2020 2:36:29 AM	56663
Toluene	ND	0.049		mg/Kg	1	11/29/2020 2:36:29 AM	56663
Ethylbenzene	ND	0.049		mg/Kg	1	11/29/2020 2:36:29 AM	56663
Xylenes, Total	ND	0.097		mg/Kg	1	11/29/2020 2:36:29 AM	56663
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663
Surr: Toluene-d8	88.3	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 25 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-026 Matrix: SOIL

Client Sample ID: S-21 0-1'

Collection Date: 11/20/2020 10:15:00 AM Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	140	60	mg/Kg	20	11/28/2020 2:16:13 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/29/2020 4:59:21 AM	56668
Surr: BFB	95.1	70-130	%Rec	1	11/29/2020 4:59:21 AM	56668
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	11/30/2020 12:28:24 PM	1 56680
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/30/2020 12:28:24 PM	1 56680
Surr: DNOP	83.2	30.4-154	%Rec	1	11/30/2020 12:28:24 PM	1 56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	11/29/2020 4:59:21 AM	56668
Toluene	ND	0.048	mg/Kg	1	11/29/2020 4:59:21 AM	56668
Ethylbenzene	ND	0.048	mg/Kg	1	11/29/2020 4:59:21 AM	56668
Xylenes, Total	ND	0.097	mg/Kg	1	11/29/2020 4:59:21 AM	56668
Surr: 1,2-Dichloroethane-d4	92.6	70-130	%Rec	1	11/29/2020 4:59:21 AM	56668
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	11/29/2020 4:59:21 AM	56668
Surr: Dibromofluoromethane	111	70-130	%Rec	1	11/29/2020 4:59:21 AM	56668
Surr: Toluene-d8	90.7	70-130	%Rec	1	11/29/2020 4:59:21 AM	56668

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Е Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р

Reporting Limit RL

Page 26 of 32

Date Reported: 12/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-027

Client Sample ID: S-22 0-1'

Collection Date: 11/20/2020 10:20:00 AM

Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		MP CO. I	. 7			Analyst:	VP
Chloride	68	60		mg/Kg	20	11/28/2020 2:28:38 PM	56677
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/29/2020 5:26:20 AM	56668
Surr: BFB	95.0	70-130		%Rec	1	11/29/2020 5:26:20 AM	56668
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	11/30/2020 12:38:07 PM	56680
Motor Oll Range Organics (MRO)	ND	43		mg/Kg	1	11/30/2020 12:38:07 PM	56680
Surr: DNOP	64.5	30.4-154		%Rec	1	11/30/2020 12:38:07 PM	56680
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst:	DJF
Benzene	ND	0.023		mg/Kg	1	11/29/2020 5:26:20 AM	56668
Toluene	ND	0.046		mg/Kg	1	11/29/2020 5:26:20 AM	56668
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2020 5:26:20 AM	56668
Xylenes, Total	ND	0.092		mg/Kg	1	11/29/2020 5:26:20 AM	56668
Surr: 1,2-Dichloroethane-d4	91.3	70-130		%Rec	1	11/29/2020 5:26:20 AM	56668
Surr: 4-Bromofiuorobenzene	96.0	70-130		%Rec	1	11/29/2020 5:26:20 AM	56668
Surr: Dibromofluoromethane	110	70-130		%Rec	1	11/29/2020 5:26:20 AM	56668
Surr: Toluene-d8	90.3	70-130		%Rec	1	11/29/2020 5:26:20 AM	56668

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 27 of 32

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

2011C43 03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Sample ID: MB-56676

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 56676

RunNo: 73633

Prep Date: 11/26/2020

Analysis Date: 11/26/2020

SeqNo: 2595052

Units: mg/Kg

Qual

Analyte Chloride

Result

SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val

15.00

LowLimit

HighLimit

%RPD **RPDLimit** 

Sample ID: LCS-56676

SampType: LCS Batch ID: 56676 TestCode: EPA Method 300.0: Anions RunNo: 73633

Client ID: LCSS Prep Date: 11/26/2020

Analysis Date: 11/27/2020

PQL

1.5

SeqNo: 2595053

%REC

93.8

Units: mg/Kg HighLimit

**RPDLimit** 

%RPD

%RPD

%RPD

Qual

Sample ID: MB-56677

Prep Date: 11/28/2020

Sample ID: LCS-56677

LCSS

Result

14

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 56677 Analysis Date: 11/28/2020

RunNo: 73657 SegNo: 2596101

Units: mg/Kg

Analyte

Analyte

Chloride

Result PQL ND

SPK value SPK Ref Val %REC LowLimit

HighLimit

**RPDLimit** 

Qual

Chloride

1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Batch ID: 56677

Result

14

RunNo: 73657

Units: mg/Kg

HighLimit

Client ID: Prep Date:

11/28/2020

Analysis Date: 11/28/2020

1.5

PQL

SeqNo: 2596102

**RPDLimit** 

Analyte Chloride

15.00

SPK value SPK Ref Val %REC LowLimit

91.1

Qual

Qualifiers:

H

ND

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit PQL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 28 of 32

# Hall Environmental Analysis Laboratory, Inc.

2011C43 WO#:

03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

0.5.40.10.100.5000	OCACATALAN	1.00	Too	+Codo: E	DA Mathad	ON EMILD. D	osol Dong	o Organice	
Sample ID: LCS-56680	SampType:					8015M/D; Di	esei Kaliy	e Organics	
Client ID: LCSS	Batch ID:	56680	I.F	RunNo: 7	3679				
Prep Date: 11/28/2020	Analysis Date:	11/30/2020	3	SeqNo: 2	596910	Units: mg/l	<b>⟨</b> g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10 50.00	0	99.5	70	130	Somme		
Surr: DNOP	5.3	5.000		107	30.4	154		and a	
Sample ID: MB-56680	SampType:	MBLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch ID:	56680	F	RunNo: 7	3679				
Prep Date: 11/28/2020	Analysis Date:	11/30/2020	5	SegNo: 2	596914	Units: mg/k	(g		
Analyte	Result PQ		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 1	0							
Motor Oil Range Organics (MRO)	ND 5	60							
Surr: DNOP	9,9	10.00		98.9	30.4	154			
Sample ID: LCS-56713	SampType: I	LCS	Tes	tCode: El	A Method	8015M/D: Di	esel Range	Organics	
Client ID: LCSS	Batch ID:	56713	F	RunNo: 7:	3695				
Prep Date: 11/30/2020	Analysis Date:	12/1/2020	S	SeqNo: 2	598000	Units: mg/K	(g		
Analyte	Result PQI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
iesel Range Organics (DRO)	61 1	0 50.00	0	121	70	130			
Surr: DNOP	6.5	5.000		130	30.4	154			

Sample ID: MB-56713	Samp	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batcl	n ID: 56	713	F	RunNo: 7	3695						
Prep Date: 11/30/2020	Analysis E	Date: 12	2/1/2020	5	SeqNo: 2	598002	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	10		****			dillo					
Motor Oil Range Organics (MRO)	ND	50										
Surr: DNOP	12		10.00		120	30,4	154					

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank В

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit

Page 29 of 32

### Hall Environmental Analysis Laboratory, Inc.

WO#:

2011C43 03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Sample ID: mb-56668 Client ID: PBS	·	SampType: MBLK  Batch ID: 56668			TestCode: EPA Method 8260B: Volatiles Short List RunNo: 73634						
Prep Date: 11/25/2020	Analysis Date: 11/28/2020			\$	SeqNo: 2	595110	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.7	70	130				
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.6	70	130				
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130				
Surr: Toluene-d8	0.46		0.5000		92.5	70	130				

Sample ID: Ics-56668	Samp <sup>*</sup>	SampType: LCS4 Batch ID: 56668			TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BatchQC	Batc				RunNo: 73634						
Prep Date: 11/25/2020	Analysis Date: 11/28/2020			8	SeqNo: 2595111 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	1.000	0	114	80	120				
Toluene	1.0	0.050	1.000	0	102	80	120				
Ethylbenzene	1.0	0.050	1.000	0	101	80	120				
Xylenes, Total	3.0	0.10	3.000	0	99.8	80	120				
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.5	70	130				
Surr: 4-Bromofluorobenzene	0.51		0.5000		102	70	130				
Surr: Dibromofluoromethane	0.55		0.5000		110	70	130				
Surr: Toluene-d8	0.48		0.5000		95.3	70	130				

Sample ID: mb-56663	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: PBS	Batch ID: 56663			F	RunNo: 7	3639						
Prep Date: 11/25/2020	Analysis Date: 11/28/2020			8	SeqNo: 2	595302	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.8	70	130					
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.6	70	130					
Surr: Dibromofluoromethane	0.53		0.5000		105	70	130					
Surr: Toluene-d8	0.46		0.5000		92.5	70	130					

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 30 of 32

# Hall Environmental Analysis Laboratory, Inc.

WO#:

2011C43

03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Sample ID: Ics-56663	Samp	Type: LC	S4	Tes	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batc	Batch ID: 56663			RunNo: <b>7</b> :							
Prep Date: 11/25/2020	Analysis Date: 11/28/2020			5	SeqNo: 2595303 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	1.1	0.025	1.000	0	113	80	120					
Toluene	1.1	0.050	1.000	0	107	80	120					
Ethylbenzene	1.0	0.050	1.000	0	104	80	120					
Xylenes, Total	3.4	0.10	3.000	0	112	80	120					
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		103	70	130					
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.5	70	130					
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130					
Surr: Toluene-d8	0.45		0.5000		89.2	70	130					

Sample ID: mb-56681	SampT	SampType: MBLK			TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: PBS	Batch	Batch ID: 56681			RunNo: 7	3649					
Prep Date: 11/28/2020	Analysis D	ate: 11	1/29/2020	8	SeqNo: 2	595647	Units: %Rec	;			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 1,2-Dichloroethane-d4	0.48		0.5000	•	96.1	70	130				
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	70	130				
Surr: Dibromofluoromethane	0.54		0.5000		109	70	130				
Surr: Toluene-d8	0.48		0.5000		95.1	70	130				

Sample ID: Ics-56681	SampT	SampType: LCS4			TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BatchQC	Batch ID: 56681			BatchQC Batch ID: 56681 RunNo: 73649							
Prep Date: 11/28/2020	Analysis D	ate: <b>1</b> ′	1/29/2020	S	SeqNo: 2	595649	Units: %Red	C			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		93.5	70	130				
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.0	70	130				
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130				
Surr: Toluene-d8	0.47		0.5000		93.3	70	130				

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 31 of 32

## Hall Environmental Analysis Laboratory, Inc.

WO#:

2011C43

03-Dec-20

Client:

Talon Artesia

Project: Devon	Energy Diamond PWU 22	)01H
Sample ID: mb-56668	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56668	RunNo: 73634
Prep Date: 11/25/2020	Analysis Date: 11/28/202	SeqNo: <b>2595147</b> Units: mg/Kg
Analyte	Result PQL SPK va	ulue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0	
Surr. BFB	480 50	0.0 96.5 70 130
Sample ID: Ics-56668	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: LCSS	Batch ID: 56668	RunNo: 73634
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: <b>2595148</b> Units: mg/Kg
Analyte	Result PQL SPK va	lue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	20 5.0 25	.00 0 81.8 70 130
Surr: BFB	490 50	0.0 98.6 70 130
Sample ID: mb-56663	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56663	RunNo: 73639
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595342 Units: mg/Kg
Analyte	Result PQL SPK va	lue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0	
Surr: BFB	530 50	0.0 106 70 130
Sample ID: Ics-56663	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: LCSS	Batch ID: 56663	RunNo: 73639
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595343 Units: mg/Kg
Analyte	Result PQL SPK va	ue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)		00 0 88.5 70 130
Surr: BFB	510 50	0.0 103 70 130
Sample ID: mb-56681	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56681	RunNo: <b>73649</b>
Prep Date: 11/28/2020	Analysis Date: 11/29/2020	SeqNo: <b>2595868</b> Units: <b>%Rec</b>
Analyte	Result PQL SPK vai	ue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	510 500	0.0 101 70 130
Sample ID: Ics-56681	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: LCSS	Batch ID: 56681	RunNo: <b>73649</b>
Prep Date: 11/28/2020	Analysis Date: 11/29/2020	SeqNo: 2595869 Units: %Rec
Analyte	Result PQL SPK val	ue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	490 500	

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQI. Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 32 of 32



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

# Sample Log-In Check List

25/2020 8:00:0 25/2020 8:39:3			idean	Æ)	
0.00.0	7.13				
				7.2	, in a
	Yes	V	No		Not Present
	Cou	rier			
	Yes	V	No		na 🗆
°C to 6.0°C	Yes	V	No		NA 🗌
	Yes	V	No		
	Yes	V	No		
erved?	Yes	V	No.		
	Yes		Na l	V	NA 🗆
Q VOA?	Yes		No l		NA 🗹
	Yes		No	V	# of preserved bottles checked
	Yes	V	No [		for pH: (<2 or >12 unless noted)
y?	Yes	<b>V</b>	No [		Adjusted?
	Yes	<b>V</b>	No (		
	Yes	V	No [	]	Checked by: Scal II zelza
er?	Yes		No		NA 🗹
Date	i je svenika stana.	Sagar Hada - 100		2011/08	
Via:	☐ eMa	ail 🔲 l	Phone 🔲	Fax	☐ In Person
	Comment of Security S				
ct ﴿ Seal No ﴿	Seal De	ile	Signed B	<b>y</b>	
	erved?  Q VOA?  y?  er?  Date  Via:	Yes  C to 6.0°C Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Courier   Yes	Courier   Yes	Courier           Yes         ✓         No         ☐           C to 6.0°C         Yes         ✓         No         ☐           Yes         ✓         No         ☐           Yes         ✓         No         ☐           Perved?         Yes         ✓         No         ☐           Date:         ✓         Yes         Phone         Fax

Client:	Shain T₀l₃	of-Cu	p E	Turn-Around  ☑ Standard  Project Nam	4-	day	HALL ENVIRONMENTA ANALYSIS LABORATO www.hallenvironmental.com													
	Address	2 <u>0</u> 5	- Eile	D:amond Project #:	PWY 2	2 # 2014				awk	ins N	VE -	Alt	ouqu	erqu	ie, Ni	om M 871 -4107			
Phone	#: or Fax#:		comp.		4.315.0	)							HOLES WIL	/sis	Req	uest		75 - 1965 See 6,760		
****	Package:	44.00	☐ Level 4 (Full Validation)	Project Mana			s (8021)	O/MRO)	PCB's		SIMS		PO4, SO4			(YAbsent)				
□ NEI		☐ Az Co	ompliance r	Sampler: B	Sinclaiv DYes	- □ No	SE / TMB	3RO/DR	des/8082	1504.1)	0 or 8270	als	NO <sub>2</sub> ,		(OA)	Coliform (Present/Absent)				
Date	Time	Matrix	Sample Name		O(including CF): See	Nemourt (°C)  HEAL No. 2011-043	BTEX / MTBE	TPH:8015D(GRO / DRO	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	CI, F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliforn				
11/19	13 137	1	5-11 2	4 02 jar		031		1	w			<u> </u>	./	8	8	-			-	
7	13:35		5-11 3			002	1	1					W.							
	מדינו		5-11 4	es y de mande (2) (m)	**************************************	0 v 3	1	Ž					· i pendi unit i							
	13:40		5-11 6		į	CUH							*							
	13.45		5-11 8		10340.00	005									ijij		71			
	13:45		5-11 10 -			COV														
1	13.145		S-11 12 'R			U07							, in the second							
	11:15		5-12 2			008	1	1												
of El St.	11.15		12,12 3		Ŷ.	DOC	1	$\sqrt{}$												
- Committee	11:20		5-12 4			Ülö	4	V					- James Andrea							
	11:20		5-12 6			011													-	
Date:	Time:  310   Time:	Relinquish Relinquish	ned by:	Received by:	-Via: NON Via:	Date Time	Ren W	nark	s: ) ;	2 ( re c	) 77. 71 <sub>7</sub>	5 4	198 to	[] ₹9 [	) e v	1.5	10.1. 17.6.1. 11.5.4	=1.4 =1.4 6.12	1.9 1.9 2.1	of 3

	6
	~
	2
	Ξ.
	~
	6
	2
	_
	6
- 1	=
	_
	$\overline{}$
	$\overline{}$
	2.4
	~
	٠.
	5
	ུ
	24
	$\sim$
	N
	0
	7
	,~
	S
	0
	• •
	-
	w
	9
	2
	Κ.
	7
	~

	a
	Comp.
	₹
	0
	ã
	~
	-
	6
- 1	₹
	0
	_
	N 4
	_
	٠.
	k .
	N
	>
	×1
	<u></u>
	N
	~
	9
	N
	Ü
	5
	٠.
	9
	-
	S
	∵.
	ė
	N
	7
	>
	1

Chain-of-Custody Record	Turn-Around Time: 4-day							AL		W			NM	IEN	it.a	
Client: Talon / LPE	Standard Project Name	□ Rush □ Evon					A	NA	LY	SIS		AB	OF	TAS	FOF	LY XX
Mailing Address:			2 toolt		490		awkir	s NE		buqu	erqu	e, NN	Л 871	09		
Phone #:	70079	1.315.0	3		Te	1.50	5-34	5-397	5						Miletonovaliii	
email or Fax#:	Project Mana		į						Ana	200000000000000000000000000000000000000	Req					at a second
QA/QC Package:  ☐ Standard ☐ Level 4 (Full Validation)	R Pon			TMB's (8021)	)/MRO)	PCB's		SIMS	004, SO4			'Absent)			Rij	
Accreditation:   Az Compliance	Sampler: B	Sinclair		MB's	DRO	)82 F	=	270	NO <sub>2</sub> , PO₄,			sent				-
☐ NELAC ☐ Other ☐ EDD (Type)	On Ice:	.⊒-Yes	□ No	_	30/	s/8(	504.	or 8	Ž		(A)	Pre			upon Comments	- Automotive - Aut
La EDD (Type)	# of Coolers: 3 Cooler Temp(including CF): See Remarks (°C)			MTBE	D(G	Pesticides/8082	hod (	8310	NO.3	8	ni-VC	orm (	T)		A Principal Prin	
Date Time Matrix Sample Name	Container Type and #	Preservative	HEAL No. 2011 C 43	BTEX / N	TPH:8015D(GRO	8081 Pes	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCKA 8 Metals Cl. F. Br. NO <sub>3</sub> ,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	and a second	and the state of t		
11/19 11:50 50: 1 5-12 10 R	4 02 jar	ice	013						- 1 - 3	1 8	ω.	F				
13:00 5-13 2 2			OiY	1	1				1	1				+		
13:00   5-13 3	Til		()J 5	1	1				Ĭ				+		1=	++-
13:15 5-13 4			OIG	1									+	-		
1 13:15 5-13 6			017	V	<i>y</i>					†					-	
13:20 5-13 8			1718												-Aust	
13:25   5-13 10° R			019						1			1 7	+			
11/20 09:00 5-14 1			020	1	7				1				$\dashv$	_	-	
09:00 5-14 2			021	1	1											
09315 5-14 3	9 30		022	1	1											
09:15 5-14 9			023	1	1									+		
10:40 \ 5-19 00-1			024	1	1											
It/24 1310 9	Received by:  MMM.MM  Received by:	Via: UNA:	Date Time Date Time Date Time	The state of the	mark		20	75	49	89	n	1.54	16:1:	= 1.	7-1	
If necessary, samples submitted to Half Environmental may be su	bcontracted to other	上でいると accredited laboratori	M27/2c SLOO													z o É j

Chain-of-Custody Record

6
2
Process .
0
~
$\sim$
2.4
$\sim$
• •
K 1
0
-
N
1/3
9
~
12
5
9
~
9
1
N.
-
-

oudin-of-onstool Kecolo	ran-Albana Hitle.	
Client: Talon / LPE	☐ Standard ☐ Rush	HALL ENVIRONMENTAL ANALYSIS LABORATORY
failing Address:	Project Name: Devon Energy	www.hallenvironmental.com
	Diamond PWU 22 # 001H	4901 Hawkins NE - Albuquerque, NM 87109
hone#:	-∤	Tel. 505-345-3975 Fax 505-345-4107
mail or Fax#:	700794.315.01 Project Manager:	Analysis Request
A/QC Package:	1 Toject Mariager.	SSO <sub>4</sub>
☐ Standard ☐ Level 4 (Full Validation)	R Pons	's (802 O / MR PCB's DSIMS
ccreditation:   Az Compliance  NELAC   Other_	Sampler: B Sinclair	7 DR (1.1) 827(1
EDD (Type)	On Ice: —☐ Yes ☐ No # of Coolers: 3	18
	Cooler Temp(including cp): See Renauts (°C)	7 MTBE / TMB 3015D(GRO / DR Pesticides/8082 Method 504.1) by 8310 or 8270 8F, NO <sub>3</sub> , NO <sub>2</sub> , VOA) Semi-VOA) Selform (Presen
Pate Time Matrix Sample Name	Container Type and # Preservative HEAL No.	BTEX / MTBE / TM TPH:8015D(GRO / D 8081 Pesticides/808; EDB (Method 504.1) PAHs by 8310 or 827 RCRA 8 Metals CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> 8260 (VOA) Total Coliform (Preser
120 10:50 50:   5-20 0-1'	402 jar ice 025	
10:15 1 5-21 0-1	024	
10:20   5-22 0-1	027	
	001	
ate: Time: Relinquished by:	Received by: Via: Date Time	Remarks:
ate: Time: Relinquished by:	Collingues "laylor BID	W/o: 20754989 1-8+0-121.9
	Received by: Via: Date Time	W/0:20754989 1-8+0.1=1.9 Bill directly to Devo2.0+0.1=2./
PHON 1900 acur	11/2 course 1/25/20 8:00	Os 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
lf necessary, samples submitted to Hal∬Eavironmental may be รบถื	contracted to other accredited laboratories. This serves as notice of this	s possibility. Any sub-contracted data will be clearly notated on the analytical report.
		manded on the analytical report.

Turn-Around Time:



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

March 03, 2021

Brandon Sinclair
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Diamond PWU 22 #001H

OrderNo.: 2102B02

#### Dear Brandon Sinclair:

Hall Environmental Analysis Laboratory received 21 sample(s) on 2/25/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 0'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 9:30:00 AM

Lab ID: 2102B02-001

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	3400	150	mg/Kg	50	3/2/2021 3:35:37 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: <b>mb</b>
Diesel Range Organics (DRO)	25	9.4	mg/Kg	1	2/27/2021 1:03:45 PM	58340
Motor Oil Range Organics (MRO)	61	47	mg/Kg	1	2/27/2021 1:03:45 PM	58340
Surr: DNOP	89.9	70-130	%Rec	1	2/27/2021 1:03:45 PM	58340
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Surr: BFB	85.4	75.3-105	%Rec	1	2/27/2021 4:53:00 PM	58335
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Toluene	ND	0.049	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Xylenes, Total	ND	0.098	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Surr: 4-Bromofluorobenzene	96.0	80-120	%Rec	1	2/27/2021 4:53:00 PM	58335

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

Qualifiers:

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

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

Page 1 of 26

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 2'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 9:35:00 AM

**Lab ID:** 2102B02-002

Matrix: SOIL Rec

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	210	60		mg/Kg	20	3/1/2021 8:34:07 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/27/2021 1:13:26 PM	58340
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/27/2021 1:13:26 PM	58340
Surr: DNOP	115	70-130		%Rec	1	2/27/2021 1:13:26 PM	58340
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/27/2021 5:12:00 PM	58335
Surr: BFB	85.1	75.3-105		%Rec	1	2/27/2021 5:12:00 PM	58335
EPA METHOD 8021B: VOLATILES						Analyst:	CCM
Benzene	ND	0.025		mg/Kg	1	2/27/2021 5:12:00 PM	58335
Toluene	ND	0.050		mg/Kg	1	2/27/2021 5:12:00 PM	58335
Ethylbenzene	ND	0.050		mg/Kg	1	2/27/2021 5:12:00 PM	58335
Xytenes, Total	ND	0.10		mg/Kg	1	2/27/2021 5:12:00 PM	58335
Surr: 4-Bromofluorobenzene	93.1	80-120		%Rec	1	2/27/2021 5:12:00 PM	58335

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

Qualifiers:

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

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

Page 2 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 4'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 9:40:00 AM

Lab ID: 2102B02-003

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	110	60	mg/Kg	20	3/1/2021 9:11:21 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	mb
Diesel Range Organics (DRO)	10	10	mg/Kg	1	2/27/2021 1:23:09 PM	58340
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	2/27/2021 1:23:09 PM	58340
Surr: DNOP	109	70-130	%Rec	1	2/27/2021 1:23:09 PM	58340
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/27/2021 6:12:00 PM	58335
Surr: BFB	81.3	75.3-105	%Rec	1	2/27/2021 6:12:00 PM	58335
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	2/27/2021 6:12:00 PM	58335
Toluene	ND	0.050	mg/Kg	1	2/27/2021 6:12:00 PM	58335
Ethylbenzene	ND	0.050	mg/Kg	1	2/27/2021 6:12:00 PM	58335
Xylenes, Total	ND	0.099	mg/Kg	1	2/27/2021 6:12:00 PM	58335
Surr: 4-Bromofluorobenzene	89.9	80-120	%Rec	1	2/27/2021 6:12:00 PM	58335

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Velue above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 6

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 9:45:00 AM

Lab ID: 2102B02-004

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result		ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	100	60	mg/Kg	20	3/1/2021 9:23:46 PM	58387

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID:

Project:

2102B02-005

Client Sample ID: B-1 8'

Collection Date: 2/23/2021 9:50:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qı	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	83	60	mg/Kg	20	3/1/2021 9:36:10 PM	58387

Matrix: SOIL

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

Qualifiers:

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

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

Page 5 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-006

Project:

Matrix: SOIL

Client Sample ID: B-1 10'

**Collection Date:** 2/23/2021 9:55:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	~	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	61	mg/Kg	20	3/1/2021 9:48:35 PM	58387

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-007

Project:

Client Sample ID: B-1 12'

Collection Date: 2/23/2021 10:00:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	•	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: VP
Chloride	ND	60	mg/Kg	20	3/1/2021 10:01:00 PM	58387

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 7 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-008

Project:

Client Sample ID: B-1 14'

Collection Date: 2/23/2021 10:05:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	ND	59		mg/Kg	20	3/1/2021 10:13:24 PM	58387

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-009

Project:

Client Sample ID: B-1 16'

**Collection Date:** 2/23/2021 10:10:00 AM **Received Date:** 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>VP</b>
Chloride	ND	60	mg/Kg	20	3/2/2021 12:05:05 AM	A 58390

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQ1. Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-010

Project:

Client Sample ID: B-1 18'

Collection Date: 2/23/2021 10:15:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 12:42:19 AM	58390

Matrix: SOIL

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

Qualifiers:

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

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

Page 10 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-011

Project:

Matrix: SOIL

Client Sample ID: B-1 20'

Collection Date: 2/23/2021 10:20:00 AM Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 12:54:44 AM	58390

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 25'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 10:35:00 AM

Lab ID: 2102B02-012

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu	al Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	59	mg/Kg	20	3/2/2021 1:07:09 AM	58390

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

Qualifiers:

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

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

Page 12 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 30'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 10:40:00 AM

Lab ID: 2102B02-013

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: <b>VP</b>
Chloride	ND	60	mg/Kg	20	3/2/2021 1:19:33 AM	58390

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

Qualifiers:

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

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

Page 13 of 26

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-014 Client Sample ID: B-1 35'

Collection Date: 2/23/2021 10:45:00 AM

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qı	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 1:31:57 AM	58390

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Đ Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range E

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 14 of 26

Lab Order **2102B02** 

20 3/2/2021 2:09:11 AM

58390

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-015

Project:

Chloride

Client Sample ID: B-1 40'

mg/Kg

**Collection Date:** 2/23/2021 10:50:00 AM **Received Date:** 2/25/2021 7:35:00 AM

Analyses Result RL Qual Units DF Date Analyzed Batch

EPA METHOD 300.0: ANIONS

Result RL Qual Units DF Date Analyzed Batch

ND

60

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 15 of 26

Analytical Report
Lab Order 2102B02
Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-1 45'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 10:55:00 AM

Lab ID: 2102B02-016

CLIENT: Talon Artesia

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

The state of the s						
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	74	60	mg/Kg	20	3/2/2021 2:21:35 AM	58390

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 16 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 50'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 11:00:00 AM

Lab ID: 2102B02-017

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result		ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 2:34:00 AM	58390

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 17 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-018

Matrix: SOIL

Client Sample ID: B-1 55'

Collection Date: 2/23/2021 11:05:00 AM Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Qu	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: <b>VP</b>
Chloride	ND	60	mg/Kg	20	3/2/2021 2:46:25 AM	58390

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 18 of 26

Date Reported: 3/3/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 0'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 12:00:00 PM

Lab ID: 2102B02-019

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	ND	60	mg/Kg	20	3/2/2021 2:58:50 AM	58390	
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	mb	
Diesel Range Organics (DRO)	24	9.4	mg/Kg	1	3/1/2021 7:05:12 PM	58340	
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	3/1/2021 7:05:12 PM	58340	
Surr: DNOP	98.0	70-130	%Rec	1	3/1/2021 7:05:12 PM	58340	
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/27/2021 6:32:00 PM	58335	
Surr: BFB	88.5	75.3-105	%Rec	1	2/27/2021 6:32:00 PM	58335	
EPA METHOD 8021B: VOLATILES					Analyst	CCM	
Benzene	ND	0.025	mg/Kg	1	2/27/2021 6:32:00 PM	58335	
Toluene	ND	0.050	mg/Kg	1	2/27/2021 6:32:00 PM	58335	
Ethylbenzene	ND	0.050	mg/Kg	1	2/27/2021 6:32:00 PM	58335	
Xylenes, Total	ND	0.099	mg/Kg	1	2/27/2021 6:32:00 PM	58335	
Surr: 4-Bromofluorobenzene	94.9	80-120	%Rec	1	2/27/2021 6:32:00 PM	58335	

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL. Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 19 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 #001H

Lab ID: 2102B02-020

Client Sample ID: B-2 2'

Collection Date: 2/23/2021 12:05:00 PM Received Date: 2/25/2021 7:35:00 AM

DF Date Analyzed Batch RL Qual Units Result Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** mg/Kg 3/2/2021 3:11:14 AM 58390 ND 60 20 Analyst: mb **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** 2/27/2021 1:42:37 PM 58340 ND 9.3 mg/Kg Diesel Range Organics (DRO) 2/27/2021 1:42:37 PM 58340 47 mg/Kg 1 Motor Oil Range Organics (MRO) ND 58340 %Rec 2/27/2021 1:42:37 PM 101 70-130 Surr: DNOP Analyst: CCM **EPA METHOD 8015D: GASOLINE RANGE** 58335 2/27/2021 6:52:00 PM 5.0 mg/Kg ND Gasoline Range Organics (GRO) 2/27/2021 6:52:00 PM 58335 %Rec 1 75.3-105 Surr: BFB 89.9 Analyst: CCM **EPA METHOD 8021B: VOLATILES** 2/27/2021 6:52:00 PM 58335 ND 0.025 mg/Kg Benzene 58335 2/27/2021 6:52:00 PM ND 0.050 mg/Kg Toluene 58335 2/27/2021 6:52:00 PM ND 0.050 mg/Kg Ethylbenzene 58335 2/27/2021 6:52:00 PM mg/Kg Xylenes, Total ND 0.10 58335 2/27/2021 6:52:00 PM Surr: 4-Bromofluorobenzene 97.7 80-120 %Rec

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 20 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 4'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 12:10:00 PM

Lab ID: 2102B02-021

Matrix: SOIL

Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS	***					Analyst:	VP
Chloride	ND	60		mg/Kg	20	3/2/2021 3:23:38 AM	58390
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/27/2021 1:52:22 PM	58340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/27/2021 1:52:22 PM	58340
Surr: DNOP	119	70-130		%Rec	1	2/27/2021 1:52:22 PM	58340
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/27/2021 7:12:00 PM	58335
Surr: BFB	89.3	75.3-105		%Rec	1	2/27/2021 7:12:00 PM	58335
EPA METHOD 8021B: VOLATILES						Analyst:	CCM
Benzene	ND	0.025		mg/Kg	1	2/27/2021 7:12:00 PM	58335
Toluene	ND	0.050		mg/Kg	1	2/27/2021 7:12:00 PM	58335
Ethylbenzene	ND	0.050		mg/Kg	1	2/27/2021 7:12:00 PM	58335
Xylenes, Total	ND	0.099		mg/Kg	1	2/27/2021 7:12:00 PM	58335
Surr: 4-Bromofluorobenzene	96.8	80-120		%Rec	1	2/27/2021 7:12:00 PM	58335

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

Qualifiers:

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

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

Page 21 of 26

# **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02

03-Mar-21

Client:

Talon Artesia

Project:

Diamond PWU 22 #001H

Result ND

Result

Result

ND

Sample ID:	MB-58387

SampType: MBLK

Client ID: PBS

Batch ID: 58387

**PQL** 

1.5

RunNo: 75603

TestCode: EPA Method 300.0: Anions

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

SeqNo: 2673211

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

HighLimit

%RPD **RPDLimit** 

Qual

Analyte Chloride

Sample ID: LCS-58387

SampType: LCS Batch ID: 58387

RunNo: 75603

Client ID: LCSS Prep Date: 3/1/2021

Analysis Date: 3/1/2021

PQL 1.5

15.00

SeqNo: 2673212

Units: mg/Kg

110

LowLimit HighLimit

TestCode: EPA Method 300.0: Anions

**RPDLimit** 

**RPDLimit** 

SPK value SPK Ref Val %REC 97.2

%RPD

Qual

Chloride

Analyte

Sample ID: MB-58390

SampType: MBLK

TestCode: EPA Method 300.0: Anions RunNo: 75603

Client ID: PBS

Batch ID: 58390

Units: mg/Kg

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

SeqNo: 2673241 SPK value SPK Ref Val %REC LowLimit

%RPD HighLimit

**RPDLimit** Qual

Analyte Chloride

PQL 1.5

TestCode: EPA Method 300.0: Anions

Sample ID: LCS-58390 Client ID: LCSS

SampType: LCS Batch ID: 58390

RunNo: 75603

Units: mg/Kg

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

1.5

SeqNo: 2673242

Analyte Chloride

Result

SPK value SPK Ref Val %REC LowLimit 15.00 0

95.7

HighLimit %RPD 110

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

 $\mathbf{H}$ Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 22 of 26

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02

03-Mar-21

Client:

Talon Artesia

Project: Diamor	nd PWU 22 #001H								
Sample ID: MB-58340	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58340	RunNo: <b>75588</b>							
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672049 Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	10 10.00	101 70 130							
Sample ID: MB-58350	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58350	RunNo: 75588							
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672051 Units: %Rec							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Surr: DNOP	11 10.00	107 70 130							
Sample ID: MB-58361	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58361	RunNo: 75588							
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672052 Units: %Rec							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Surr: DNOP	10 10.00	100 70 130							
Sample ID: LCS-58340	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 58340	RunNo: <b>75588</b>							
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672064 Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Diesel Range Organics (DRO)	52 10 50.00	0 105 68.9 141							
Surr: DNOP	5.0 5.000	100 70 130							
Sample ID: LCS-58350	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 58350	RunNo: 75588							
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672066 Units: %Rec							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Surr: DNOP	5.3 5.000	106 70 130							
Sample ID: LCS-58361	SampType: <b>LCS</b>	TestCode: EPA Method 8015M/D; Diesel Range Organics							
Client ID: LCSS	Batch ID: 58361	RunNo: <b>75588</b>							
Prep Date: <b>2/26/2021</b>	Analysis Date: 2/27/2021	SeqNo: 2672067 Units: %Rec							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Surr: DNOP	4,8 5.000	95.5 70 130							

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded H

- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

Page 23 of 26

### OC SUMMARY REPORT

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02

03-Mar-21

Client:

Talon Artesia

Project:

Diamond PWU 22 #001H

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS

Batch ID: 58373

RunNo: 75595

Prep Date: 2/27/2021

Analysis Date: 3/1/2021 PQL

SeqNo: 2672573

Units: %Rec

Analyte Surr: DNOP Result 12 SPK value SPK Ref Val %REC LowLimit

HighLimit

**RPDLimit** 

Qual

Sample ID: MB-58379

SampType: MBLK Batch ID: 58379

TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

Client ID:

RunNo: 75595

117

Prep Date: 2/27/2021

Analysis Date: 3/1/2021

SegNo: 2672574

Units: %Rec

**RPDLimit** Qual

Analyte Surr: DNOP Result

HighLimit %RPD 130

Sample ID: LCS-58373

SampType: LCS

RunNo: 75595

%REC

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Prep Date: 2/27/2021

Batch ID: 58373 Analysis Date: 3/1/2021

SeqNo: 2672575

Units: %Rec

Analyte

Result

SPK value SPK Ref Val

%REC HighLimit LowLimit

Lowl imit

%RPD **RPDLimit** 

Qual

S

Surr: DNOP

5.3

PQL

10.00

10.00

5.000

5.000

10.00

5.000

SPK value SPK Ref Val

SPK value SPK Ref Val

105

70 130

SampType: LCS Batch ID: 58379 TestCode: EPA Method 8015M/D: Diesel Range Organics

RunNo: 75595

Units: %Rec

Analyte Surr: DNOP

Client ID:

Analyte

Surr: DNOP

Analysis Date: 3/1/2021 Result 6.4

SeqNo: 2672576

SPK value SPK Ref Val %REC LowLimit

70

HighLimit %RPD

**RPDLimit** 

Qual

Sample ID: MB-58377

Prep Date: 2/27/2021

PBS

Sample ID: LCS-58379

Prep Date: 2/27/2021

Client ID: LCSS

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

130

Result

12

5.9

Batch ID: 58377 Analysis Date: 3/1/2021

RunNo: 75595 SeqNo: 2673431

128

Units: %Rec

HighLimit

**RPDLimit** Qual

Sample ID: LCS-58377

SampType: LCS

%REC

130 TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

%RPD

Client ID: LCSS

Prep Date: 2/27/2021

Batch ID: 58377

RunNo: 75595

118

Units: %Rec

Qual

Analyte Surr: DNOP

Analysis Date: 3/1/2021 PQL. Result

SPK value SPK Ref Val %REC

SeqNo: 2673433 LowLimit

70

LowLimit

70

HighLimit

130

**RPDLimit** 

PQL

**Oualifiers:** 

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

Practical Quantitative Limit

Н Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Analyte detected in the associated Method Blank

E Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 24 of 26

Released to Imaging: 2/19/2025 11:20:03 AM

% Recovery outside of range due to dilution or matrix

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02 03-Mar-21

Client:

Talon Artesia

870

1000

Project: Diamone	d PWU 22 #001H											
Sample ID: LCS-58335 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range												
Client ID: LCSS	Batch ID: 58335 RunNo: 75582											
Prep Date: 2/25/2021	Analysis Date: 2/27/2021 SeqNo: 2672644 Units: mg/Kg											
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual											
Gasoline Range Organics (GRO)	26 5.0 25.00 0 102 80 120											
Surr: BFB	980 1000 98.1 75.3 105											
Sample ID: MB-58335 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range												
Client ID: PBS	Batch ID: 58335 RunNo: 75582											
Prep Date: 2/25/2021	Analysis Date: 2/27/2021 SeqNo: 2672645 Units: mg/Kg											
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual											
Gasoline Range Organics (GRO)	ND 5.0											
Surr: BFB	910 1000 91.4 75.3 105											
Sample ID: LCS-58348	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range											
Client ID: LCSS	Batch ID: 58348 RunNo: 75582											
Prep Date: 2/26/2021	Analysis Date: 2/27/2021 SeqNo: 2672669 Units: %Rec											
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual											
Surr: BFB	970 1000 96.7 75.3 105											
Sample ID: MB-58348	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range											
Client ID: PBS	Batch ID: 58348 RunNo: 75582											
Prep Date: 2/26/2021	Analysis Date: 2/27/2021 SeqNo: 2672670 Units: %Rec											
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual											

#### Qualifiers:

Surr: BFB

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

Analyte detected in the associated Method Blank В

87.2

75.3

- E Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 25 of 26

105

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02

03-Mar-21

C120 1	
Client:	
CHILINE	

Talon Artesia

Sample ID: LCS-58335	Type: LC	S	Tes	tCode: E	PA Method	8021B: Volat	iles			
Client ID: LCSS	Bato	h ID: 58	335	F	RunNo: 7	5582				
Prep Date: 2/25/2021	Analysis I	Date: 2/	27/2021		SeqNo: 2	672698	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	80	120		S House sum	
Toluene	0.94	0.050	1.000	0	94.1	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.1	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.7	80	120			
Sample ID: MB-58335	Samp <sup>1</sup>	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 58	335	F	RunNo: 7	5582				
Prep Date: 2/25/2021	Analysis [	)ate: 2/	27/2021		SeqNo: 2	672699	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025		allill PAST						
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Kylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID: LCS-58348	SampT	ype: LC	S	Test	Code: EF	A Method	8021B: Volati	lles		
Client ID: LCSS	Batcl	1D: 583	348	R	unNo: 7	5582				
Prep Date: 2/26/2021	Analysis E	)ate: 2/2	27/2021	S	eqNo: 26	672724	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr; 4-Bromofluorobenzene	0.93	anogures	1.000		93.4	80	120			
Sample ID: MB-58348	SampT	уре: МВ	LK	Test	Code: EF	A Method	8021B: Volati	les		
Client ID: PBS	Batch	n ID: 583	348	R	unNo: 78	5582				
						4-15 Av.	The same of the same			
Prep Date: 2/26/2021	Analysis D	ate: 2/2	27/2021	S	eqNo: 26	372725	Units: %Rec			

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

Holding times for preparation or analysis exceeded

0.94

1.000

- Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank В

120

- Value above quantitation range E
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 26 of 26



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

# Sample Log-In Check List

Client Name:	Talon Artesia	Work Order Number	2102B02		ReptNo:	1
				Alm A Me		
Received By:	Juan Rojas	2/25/2021 7:35:00 AM		i-landy		
Completed By:	Cheyenne Cason	2/25/2021 8:20:33 AM				
Reviewed By:	ENM	2/25/21				
		•				
Chain of Cust	tody					
1. Is Chain of Cu	ustody complete?		Yes 🔽	No 🗌	Not Present 🗌	
2. How was the s	sample delivered?		Courier			
<u>Log In</u>						
	pt made to cool the samples?		Yes 🗹	No 🗌	NA 🗌	
4. Were all samp	les received at a temperature	of >0° C to 6.0°C	Yes 🗹	No 🗌	na 🗆	
5. Sample(s) in p	proper container(s)?		Yes 🗹	No 🗌		
6, Sufficient samp	ole volume for indicated test(s)	?	Yes 🗹	No 🗌		
7. Are samples (e	except VOA and ONG) properly	preserved?	Yes 🔽	No 🗌		
8. Was preservati	ive added to bottles?		Yes 🗌	No 🗹	NA 🗆	
9. Received at lea	ast 1 vial with headspace <1/4"	for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
	ple containers received broker		Yes	No 🗸		manuser a manuser and a second
					# of preserved bottles checked	and the second second
	k match bottle labels?		Yes 🗸	No 🗆	for pH:	12 unless noted)
	ncies on chain of custody) prrectly identified on Chain of C	Eustady?	Yes 🔽	No 🗆	Adjusted?	Tz unicss noted)
	analyses were requested?	•	Yes 🗹	No 🗌	pp. p.	
	g times able to be met?		Yes 🗸	No 🗆	Checked by: ≤¿	1 2/25/21
(If no, notify cus	stomer for authorization.)			بر!	<i>.</i>	
<u>Special Handlir</u>	ng (if applicable)					
15. Was client noti	ified of all discrepancies with th	is order?	Yes 🗌	No 🗌	NA 🗹	
Person N	lotified:	Date:		and the second s		
By Whon	n:	Via:	eMail 🔲	Phone  Fax	☐ In Person	
Regardin	g: J		-Avera et Decluia ( <u>Lacor mer</u> lando)			
Client Ins	structions:	erk energige-nerke zammet ankal ea ar	Arabani Tarahan Karahar Araban	in en entre a de disente de medica en la cida de disente de disente en entre de disente de de de de de de dese La cidad de disente de disente de desenvolución de desenvolución de desenvolución de desenvolución de desenvolu	eclary with higher discrete discrete and continued and a selection of	
16. Additional rem	arks:					
17. Cooler Inform	nation					
Cooler No	A Company of the Comp	al Intact   Seal No   Se	al Date	Signed By		
+2	0.3		1			
	1.8 1.2					
,						

7
Sp
6
21
S
2
5
90
0

Chain-of-Custody Record	Turn-Around Time:	1 .											
Client:	4-day	HALL ENVIRONMENTAL											
Client: Talon/LPE	© Standard □ Rush	ANALYSIS ADODATION AL											
	Project Name:	ANALYSIS LABORATORY											
Mailing Address: on file	Dia I DWW 22 Harry	www.hallenvironmental.com											
	Diamond PWU 22 #001H Project #:	4901 Hawkins NE - Albuquerque, NM 87109											
Phone #:	700794. 315.01	Tel. 505-345-3975 Fax 505-345-4107											
email or Fax#:	Project Manager:	Analysis Request											
QA/QC Package:		S SO <sub>4</sub>											
☐ Standard ☐ Level 4 (Full Validation)	B Sinclair	BTEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA) Total Coliform (Present/Absent)											
Accreditation:   Az Compliance	Sampler: B Sinclair	TMB': 8082 F 44.1) r 8270; r 8270; resent											
□ NELAC □ Other	On Ice: ☑ Yes ☐ No	30 / TT /											
□ EDD (Type)	# of Coolers: 식	n (F VO)											
	Cooler Temp(including OF); See chechlist (°C)	7 MTBE / 8015D(GRC S015D(GRC S015D(GRC S015D(GRC S015D) S015D S015											
	Container Preservative HEAL No.	X X X X X X X X X X X X X X X X X X X											
Date Time Matrix Sample Name	Type and # Type ZICZ 30 Z	BTEX / MTBE / TMB TPH:8015D(GRO / DR 8081 Pesticides/8082 EDB (Method 504.1) PAHs by 8310 or 827( RCRA 8 Metals CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , 8260 (VOA) Total Coliform (Presen											
2-23-2109:30 50:1 B-1 0	402 jar ice Cei												
09:35 B-12	CEZ												
9:40 B-14	003												
09:45 B-1 6	004												
09:50 B-18	G05												
09:55 B-1 10'	606												
10:00 B-1 12	007												
0:05 B-1 14	008												
10:10 B-1 16	CO9												
10:15 B-1 18	010												
10:20 B-1 20	011												
10:35 B-1 25	612												
Date: Time: Relinquished by:	Received by: Via: Date / Time	Remarks:											
II W I And	UMM 2/24/21/50	Bill directly to Devon Energy											
2hula 1 170-	Received by: Via: Date Time	W/0 # 2075 4989											
14/21/900 ammus	1/2/ 1000 2/25/21 7:35	1.8+0=1.5 +0.5+0=0.5 09 10£2											
If necessary, samples submitted to Hall Environmental may be s	ubcontracted to other accredited laboratories. This serves as notice of thi	It 3 TU = 1.2 is possibility. Any sub-contracted data will be clearly notated on the analytical report.											

Chain-oi-Custody Record				4-day				HALL ENVIRONMENTAL													
Client: Talon/LPE			☑ Standard □ Rush															RAT			
Mailing Address: on file		Diamond PWU 22 #001H Project#:				www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107															
Phone :	#:	1		700	794	315.01		Analysis Request													
email o	r Fax#:		1130-75		ct Mana			(	<u> </u>				100	SO4			anverse;		establishmine		
QA/QC I □ Stan	Package: dard		☐ Level 4 (Full Validation)	$\Big _{\mathcal{B}}$	Sincl	air		TMB's (8021)	O/MRC	PCB's	1	8270SIMS			Control of the Contro		t/Absen				
Accreditation:			Account to the contract of the	Samp On Io	oler: /ß :e:	Sinclai D-Yes	r □ No		30 / DR	\$/8082			co.	, NO <sub>2</sub> , PO <sub>4</sub> ,		(At	(Presen	The state of the s			
	(Type)	,		1	Coolers: er Temp	And the second s	checkist(°C)	/ MTBE,	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	Cl, F, Br, NO3,	/OA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)				
			Sample Name	Conta Type		Preservative Type	7102BCZ	BTEX/	TPH:8(	8081 P	EDB (A	PAHs I	RCRA	CI, F, I	8260 (VOA)	8270 (8	Total C				
<u> 2-23-21</u>	10:40	50:1	8-1 30'	40	Z jar	ice	EEC13							$\sqrt{}$							
	10:45		B-1 35				014							1							
	10:50		8-1 40'				015							1							
	10:55		B-1 45				016							1	1.00						
	11:00		B-1 50'				C17							1							
	11:05		B-1 55				O18							/							
	12:00		B-2 0				019	1	1					1							
	17:05		8-2 2				020	1	1					1							
1	12:10		B-2 4 '				OZI	/	1					1							
	d gm inc.																				
Date: 2-27-2[	Time:	Relinquist	ned by:	Receiv	ved by:	Via:	Pate Time 1/30		nark []		ect	1		Lo	ľ	) e 1/	Oh	Fn	era	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Date: 기계기	Time:		ned by:  My  ibmitted to HallEnvironmental may be sur		ved by:	Via: 3)	Date Time	+												P9 :	2 of 2

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: Diamond PWU 22 1H

Work Order: E304194

Job Number: 21064-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/4/23

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: 5/4/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E304194

Date Received: 4/27/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2023 8:15:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

Lynn Jarbuc

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan
Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
N1 - 1'	6
N1 - 3'	7
N1 - 4'	8
N1 - 5'	9
N2 - 1'	10
N2 - 3'	11
N2 - 4'	12
N2 - 5'	13
N3 - 1'	14
N3 - 3'	15
N3 - 4'	16
N3 - 5'	17
N4 - 1'	18
N4 - 3'	19
N4 - 4'	20
N4 - 5'	21
N5 - 1'	22
N5 - 3'	23
N5 - 4'	24
N6 - 1'	25

# Table of Contents (continued)

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

## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/04/23 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
N1 - 1'	E304194-01A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N1 - 3'	E304194-02A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N1 - 4'	E304194-03A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N1 - 5'	E304194-04A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N2 - 1'	E304194-05A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N2 - 3'	E304194-06A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N2 - 4'	E304194-07A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N2 - 5'	E304194-08A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N3 - 1'	E304194-09A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N3 - 3'	E304194-10A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N3 - 4'	E304194-11A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N3 - 5'	E304194-12A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N4 - 1'	E304194-13A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N4 - 3'	E304194-14A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N4 - 4'	E304194-15A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N4 - 5'	E304194-16A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N5 - 1'	E304194-17A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N5 - 3'	E304194-18A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N5 - 4'	E304194-19A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N6 - 1'	E304194-20A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N1 - 1' E304194-01

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	<del></del>
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		99.8 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2318012
Chloride	747	20.0	1	05/01/23	05/01/23	



Ī	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
	PO Box 247	Project Number:	21064-0001	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N1 - 3' E304194-02

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2317081
Benzene	ND	0.0250	1	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/28/23	
Surrogate: n-Nonane		95.2 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2318012

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N1 - 4' E304194-03

P. 1.						N.
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2317081
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0500	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
	97.3 %	70-130		04/28/23	05/02/23	
	97.8 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2317081
ND	20.0	1		04/28/23	05/02/23	
	97.3 %	70-130		04/28/23	05/02/23	
	97.8 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg	1	Analyst: J	L		Batch: 2317060
ND	25.0	1		04/27/23	04/28/23	
ND	50.0	1		04/27/23	04/28/23	
	93.6 %	50-200		04/27/23	04/28/23	
mg/kg	mg/kg	1	Analyst: B	BA		Batch: 2318012
75.9	20.0	1		05/01/23	05/01/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.3 %         97.8 %           100 %         100 %           mg/kg         mg/kg           ND         20.0           97.3 %         97.8 %           100 %         100 %           mg/kg         mg/kg           ND         25.0           ND         50.0           93.6 %         mg/kg	mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.3 %         70-130           97.8 %         70-130           100 %         70-130           97.3 %         70-130           97.8 %         70-130           97.8 %         70-130           100 %         70-130           mg/kg         mg/kg           ND         25.0         1           ND         50.0         1           93.6 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: F           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           97.3 %         70-130           100 %         70-130           mg/kg         mg/kg         Analyst: F           ND         20.0         1           97.3 %         70-130         70-130           100 %         70-130         70-130           mg/kg         mg/kg         Analyst: J           ND         25.0         1           ND         50.0         1           93.6 %         50-200           mg/kg         Mg/kg         Analyst: E	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0500         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           97.3 %         70-130         04/28/23           97.8 %         70-130         04/28/23           100 %         70-130         04/28/23           97.3 %         70-130         04/28/23           97.8 %         70-130         04/28/23           97.8 %         70-130         04/28/23           100 %         70-130         04/28/23           100 %         70-130         04/28/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         04/27/23           ND         50.0         1         04/27/23           mg/kg         mg/kg         Analyst: BA	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23         05/02/23           ND         0.0500         1         04/28/23         05/02/23           ND         0.0250         1         04/28/23         05/02/23           97.3 %         70-130         04/28/23         05/02/23           97.8 %         70-130         04/28/23         05/02/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         04/28/23         05/02/23           97.8 %         70-130         04/28/23         05/02/23           97.8 %         70-130         04/28/23         05/02/23           97.8 %         70-130         04/28/23         05/02/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         04/27



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N1 - 5' E304194-04

	Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081	
Benzene	ND	0.0250	1	1	04/28/23	05/02/23		
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23		
Toluene	ND	0.0250	1	1	04/28/23	05/02/23		
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23		
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23		
Total Xylenes	ND	0.0250	1	1	04/28/23	05/02/23		
Surrogate: Bromofluorobenzene		97.6 %	70-130		04/28/23	05/02/23		
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		04/28/23	05/02/23		
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23		
Surrogate: Bromofluorobenzene		97.6 %	70-130		04/28/23	05/02/23		
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		04/28/23	05/02/23		
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23		
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/28/23		
Surrogate: n-Nonane		95.0 %	50-200		04/27/23	04/28/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012	
					05/01/23	05/01/23		

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N2 - 1'

#### E304194-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1	l	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	l	04/28/23	05/02/23	
Toluene	ND	0.0250	1	l	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	l	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.9 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.9 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[	04/27/23	04/28/23	
Surrogate: n-Nonane		96.3 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
					05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N2 - 3' E304194-06

		Reporting	·			
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28	3/23 05/02/23	
Ethylbenzene	ND	0.0250	1	04/28	3/23 05/02/23	
Toluene	ND	0.0250	1	04/28	3/23 05/02/23	
o-Xylene	ND	0.0250	1	04/28	3/23 05/02/23	
p,m-Xylene	ND	0.0500	1	04/28	3/23 05/02/23	
Total Xylenes	ND	0.0250	1	04/28	3/23 05/02/23	
Surrogate: Bromofluorobenzene		96.5 %	70-130	04/28	8/23 05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	04/28	8/23 05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28	8/23 05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28	3/23 05/02/23	
Surrogate: Bromofluorobenzene		96.5 %	70-130	04/28	8/23 05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	04/28	8/23 05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28	8/23 05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27	7/23 04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27	7/23 04/28/23	
Surrogate: n-Nonane		94.8 %	50-200	04/27	7/23 04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318012



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N2 - 4'

		~ -
E304	194-	07

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	•	1	04/27/23	04/28/23	_
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		102 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N2 - 5'

#### E304194-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	l	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		96.2 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		96.2 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	л		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/28/23	
Surrogate: n-Nonane		98.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N3 - 1'

#### E304194-09 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: IY Batch: 2317081 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 05/02/23 ND 0.0250 04/28/23 Benzene 04/28/23 05/02/23 Ethylbenzene ND 0.02501 ND 0.0250 04/28/23 05/02/23 Toluene 1 04/28/23 05/02/23 o-Xylene ND 0.025004/28/23 05/02/23 ND 0.0500 1 p,m-Xylene 04/28/23 05/02/23 1 Total Xylenes ND 0.0250 97.3 % 04/28/23 05/02/23 Surrogate: Bromofluorobenzene 70-130 Surrogate: 1,2-Dichloroethane-d4 101 % 70-130 04/28/2305/02/23 Surrogate: Toluene-d8 99.6% 70-130 04/28/2305/02/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2317081 ND 1 04/28/23 05/02/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.3 % 04/28/23 05/02/23 70-130 04/28/23 05/02/23 Surrogate: 1,2-Dichloroethane-d4 101 % 70-130 Surrogate: Toluene-d8 04/28/23 05/02/23 99.6% 70-130 mg/kg Analyst: JL Batch: 2317060 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/28/23 ND 25.0 1 04/27/23 Diesel Range Organics (C10-C28) ND 50.0 1 04/27/23 04/28/23 Oil Range Organics (C28-C36) 90.8 % 50-200 04/27/2304/28/23Surrogate: n-Nonane

mg/kg

40.0

Analyst: BA

05/01/23

05/01/23

2

mg/kg

2350

Batch: 2318012

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N3 - 3' E304194-10

		E504174-10				
Anglyta	Result	Reporting Limit	Dilutio	on Prepared	A malviga 1	Notes
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		96.9 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		96.9 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	aalyst: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		99.0 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: BA		Batch: 2318012
Chloride	443	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N3 - 4'

#### E304194-11

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/29/23	
Surrogate: n-Nonane		95.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
					05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N3 - 5' E304194-12

		LUUTI/T-12				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·				1	7 Hary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		96.4 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2318012
Chloride	ND	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N4 - 1'

#### E304194-13

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1		04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1		04/28/23	05/02/23	
Toluene	ND	0.0250	1		04/28/23	05/02/23	
o-Xylene	0.0250	0.0250	1		04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1		04/28/23	05/02/23	
Total Xylenes	0.0250	0.0250	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene	·	99.0 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		103 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		103 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	2330	125	5	;	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	917	250	5	5	04/27/23	04/29/23	
Surrogate: n-Nonane		74.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
	14200	400	2		05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N4 - 3' E304194-14

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		102 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		102 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		98.1 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2318012
Chloride	ND	20.0	1	05/01/23	05/01/23	_



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N4 - 4'

E304194-15							
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		97.2 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	ND	20.0		1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

#### N4 - 5' E304194-16

	Reporting					
Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
ND	0.0250	:	1	04/28/23	05/03/23	
ND	0.0250		1	04/28/23	05/03/23	
ND	0.0250		1	04/28/23	05/03/23	
ND	0.0250		1	04/28/23	05/03/23	
ND	0.0500		1	04/28/23	05/03/23	
ND	0.0250	1	1	04/28/23	05/03/23	
	96.6 %	70-130		04/28/23	05/03/23	
	98.6 %	70-130		04/28/23	05/03/23	
	99.3 %	70-130		04/28/23	05/03/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
ND	20.0		1	04/28/23	05/03/23	
	96.6 %	70-130		04/28/23	05/03/23	
	98.6 %	70-130		04/28/23	05/03/23	
	99.3 %	70-130		04/28/23	05/03/23	
mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317060
ND	25.0		1	04/27/23	04/29/23	
ND	50.0		1	04/27/23	04/29/23	
·	99.7 %	50-200		04/27/23	04/29/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
ND	20.0		1	05/01/23	05/01/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         98.6 %           99.3 %         mg/kg           ND         20.0           96.6 %         98.6 %           99.3 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           99.7 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           PM         0.0250           PM         0.0250           PM         0.0250           PM         0.0250           PM         70-130           PM         99.3 %           PM         70-130           PM         99.3 %           PM         70-130           PM         99.3 %           PM         70-130           PM         70-130  <	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           98.6 %         70-130         70-130           99.3 %         70-130         70-130           99.3 %         70-130         70-130           99.3 %         70-130         70-130           99.3 %         70-130         70-130           99.3 %         70-130         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         99.3 %         70-130           1         90.0	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0500         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           96.6 %         70-130         04/28/23           98.6 %         70-130         04/28/23           99.3 %         70-130         04/28/23           98.6 %         70-130         04/28/23           98.6 %         70-130         04/28/23           99.3 %         70-130         04/28/23           99.3 %         70-130         04/28/23           99.3 %         70-130         04/28/23           99.3 %         70-130         04/28/23           99.3 %         70-130         04/28/23           MD         25.0         1         04/27/23           ND         50.0         1         04/27/23           ND         5	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23         05/03/23           ND         0.0500         1         04/28/23         05/03/23           ND         0.0250         1         04/28/23         05/03/23           ND         0.0250         1         04/28/23         05/03/23           98.6 %         70-130         04/28/23         05/03/23           99.3 %         70-130         04/28/23         05/03/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         04/28/23         05/03/23           99.3 %         70-130         04/28/23         05/03/23           99.3 %         70-130         04/28/23         05/03/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N5 - 1'

#### E304194-17

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2317081
Benzene	ND	0.0250	1		04/28/23	05/03/23	
Ethylbenzene	ND	0.0250	1		04/28/23	05/03/23	
Toluene	ND	0.0250	1		04/28/23	05/03/23	
o-Xylene	ND	0.0250	1		04/28/23	05/03/23	
p,m-Xylene	ND	0.0500	1		04/28/23	05/03/23	
Total Xylenes	ND	0.0250	1		04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/29/23	
Surrogate: n-Nonane		97.0 %	50-200		04/27/23	04/29/23	
	mg/kg	mg/kg	A	Analyst: BA			Batch: 2318012
Anions by EPA 300.0/9056A		8 8					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N5 - 3'

		E304194-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250		1	04/28/23	05/03/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/03/23	
Toluene	ND	0.0250		1	04/28/23	05/03/23	
o-Xylene	ND	0.0250		1	04/28/23	05/03/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/03/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		101 %	50-200		04/27/23	04/29/23	

mg/kg

20.0

Analyst: BA

05/01/23

05/01/23

mg/kg

25.4

Batch: 2318012

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N5 - 4'

#### E304194-19 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: IY Batch: 2317081 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 05/03/23 ND 0.0250 04/28/23 Benzene 04/28/23 05/03/23 Ethylbenzene ND 0.02501 ND 0.0250 04/28/23 05/03/23 Toluene 1 04/28/23 05/03/23 o-Xylene ND 0.025004/28/23 05/03/23 ND 0.0500 1 p,m-Xylene 04/28/23 05/03/23 1 Total Xylenes ND 0.0250 101 % 04/28/23 05/03/23 Surrogate: Bromofluorobenzene 70-130 Surrogate: 1,2-Dichloroethane-d4 101 % 70-130 04/28/2305/03/23 Surrogate: Toluene-d8 104 % 70-130 04/28/2305/03/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2317081 ND 1 04/28/23 05/03/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 101 % 04/28/23 05/03/23 70-130 101 % 04/28/23 05/03/23 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 04/28/23 05/03/23 104 % 70-130 mg/kg Analyst: JL Batch: 2317060 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/29/23 ND 25.0 1 04/27/23 Diesel Range Organics (C10-C28) ND 50.0 1 04/27/23 04/29/23 Oil Range Organics (C28-C36) 102 % 50-200 04/27/2304/29/23Surrogate: n-Nonane

mg/kg

20.0

Analyst: BA

05/01/23

05/01/23

1

mg/kg

ND

Batch: 2318012

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/4/2023 1:59:30PM

N6 - 1' E304194-20

		E304174-20					
Andre	D16	Reporting Limit	Dilu	<b></b> .	D 1	A a la a d	Neton
Analyte	Result	Limit	Dilu	ilion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1	1	04/28/23	05/03/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/03/23	
Toluene	ND	0.0250	1	1	04/28/23	05/03/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/03/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/03/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/29/23	
Surrogate: n-Nonane		102 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	2790	20.0	1	1	05/01/23	05/01/23	



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/4/2023 1:59:30PM **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 (2317081-BLK1) Prepared: 04/28/23 Analyzed: 05/01/23 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 0.484 0.500 96.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.503 LCS (2317081-BS1) Prepared: 04/28/23 Analyzed: 05/01/23 2.38 0.0250 2.50 95.2 70-130 Benzene 2.35 2.50 93.9 70-130 Ethylbenzene 0.0250 2.35 0.0250 2.50 93.8 70-130 2.48 99.2 70-130 0.0250 2.50 o-Xylene 97.9 4.90 5.00 70-130 p,m-Xylene 0.0500 7.38 0.0250 7.50 98.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.506 0.500 101 70-130 0.500 97.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.490 70-130 Surrogate: Toluene-d8 0.504 0.500 Matrix Spike (2317081-MS1) Source: E304194-02 Prepared: 04/28/23 Analyzed: 05/02/23 2.46 0.0250 2.50 ND 98.4 48-131 45-135 Ethylbenzene 2.32 0.0250 2.50 ND 93.0 48-130 Toluene 2.32 0.0250 2.50 ND 92.8 2.40 0.0250 2.50 ND 95.8 43-135 o-Xylene 4.70 ND 94.1 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.10 0.0250 7.50 ND 94.6 43-135 97.8 0.489 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 97.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 70-130 0.493 98.6 Surrogate: Toluene-d8 Matrix Spike Dup (2317081-MSD1) Source: E304194-02 Prepared: 04/28/23 Analyzed: 05/02/23 2.40 0.0250 2.50 ND 96.0 48-131 2.51 23 2.33 0.0250 2.50 ND 93.2 45-135 0.258 27 Ethylbenzene ND 93.5 48-130 0.752 24 2.34 2.50 Toluene 0.0250 o-Xylene 2.41 0.0250 2.50 ND 96.5 43-135 0.769 27 5.00 ND 94.2 43-135 0.138 27 4.71 p,m-Xylene 0.0500 27 7.12 0.0250 7.50 ND 95.0 43-135 0.352 Total Xylenes



0.500

0.500

0.500

99 7

102

101

70-130

70-130

70-130

0.499

0.511

0.503

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum5/4/20231:59:30PM

Nonhalogenated	Organics	by EPA	8015D -	GRO
Tionnaiogenatea	Organics	Dy LIII	OULDE	GILO

Anal	yst:	Γ
------	------	---

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 (2317081-BLK1)							Prepared: 04	1/28/23 Ana	alyzed: 05/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.484		0.500		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS (2317081-BS2)							Prepared: 04	1/28/23 Ana	alyzed: 05/02/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.1	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
Matrix Spike (2317081-MS2)				Source:	E304194-	02	Prepared: 04	1/28/23 Ana	alyzed: 05/02/23
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.3	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike Dup (2317081-MSD2)				Source:	E304194-	02	Prepared: 04	1/28/23 Ana	alyzed: 05/02/23
Gasoline Range Organics (C6-C10)	38.7	20.0	50.0	ND	77.4	70-130	11.0	20	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum5/4/2023 1:59:30PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/4/2023 1:59:30PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - 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 (2317060-BLK1)							Prepared: 0	4/27/23 Aı	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2317060-BS1)							Prepared: 0-	4/27/23 A1	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132			
urrogate: n-Nonane	48.8		50.0		97.6	50-200			
Matrix Spike (2317060-MS1)				Source:	E304194-	18	Prepared: 0	4/27/23 A1	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132			
urrogate: n-Nonane	47.7		50.0		95.4	50-200			
Matrix Spike Dup (2317060-MSD1)				Source:	E304194-	18	Prepared: 0	4/27/23 A1	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	0.940	20	
Gurrogate: n-Nonane	47.4		50.0		94.9	50-200			

Pima Environmental Services-Carlsbac	1	Project Name:		iamond PWU	22 1H				Reported:
PO Box 247		Project Number:	2	1064-0001					
Plains TX, 79355-0247		Project Manager	:: Т	om Bynum					5/4/2023 1:59:30PM
		Anions	by EPA	300.0/9056	A				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 (2318012-BLK1)							Prepared: 0:	5/01/23 A	nalyzed: 05/01/23
Chloride	ND	20.0							
LCS (2318012-BS1)							Prepared: 0	5/01/23 A	nalyzed: 05/01/23
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2318012-MS1)				Source:	E304194-0	)1	Prepared: 0	5/01/23 A	nalyzed: 05/01/23
Chloride	975	20.0	250	747	91.1	80-120			
Matrix Spike Dup (2318012-MSD1)				Source:	E304194-0	)1	Prepared: 0:	5/01/23 A	nalyzed: 05/01/23
Chloride	970	20.0	250	747	89.2	80-120	0.497	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/04/23 13:59

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



**Project Information** 

$\approx$
6
-
0
8
S
6
ã
COL
9
-
3
ā
٧9.
Trans.
8
9.9
1
~
-
0
N
0
N
Ů,
9
-
N
0
9
-75
-
N.
-
-

Chain of Custody

1	5
Page/	of

Received by OCD: 2/17/2025 9:13:02 AM

Cliente D	ima Envir	onmon	al Sond	ces T	Bill To				La	b Us	e Onl	γ				TA	T	EPA P	ogram
Project	Diamor	d Dis	U 22	IH	Attention:		Lab	WO#		,	Job N	lumbe	r,	1D	2D	3D	Standard	CWA	SDWA
	lanager:				Address:		E 3	304	1194	1		64-0C							0.004
	5614 N.				City, State, Zip						Analys	sis and	Metho	d					RCRA
	e, Zip Ho				Phone:													Ctoto	
Phone:	580-748-	1613		-	Email:		015	8015								1 1	NIMI CO	State UT AZ	TVI
Email:	tom@pim	aoil.cor	n		Pima Project # 1-291-2		by 8	by 8	021	097	97	900.0		Z	×		NM CO	OT AL	1/
Report d	ue by:				rima rioject# / Z t   C	Lab	ON ON	DRO	by 8	3y 8Z	ls 60	ide					~	100	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO by	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
	4/21/23	Soil	1	N	1-11	1								×					
	1	1	1		[-3 <sup>1</sup>	2													
					1-41	3													
			+		-51	4													
						5												and the second	
		$\vdash$	+		L-[1	6							+	11					
			+	N.	2-3'	7	+	+	-	-	-		+	+	+				
		1			2-4"		+	+	-	+			-	+	+				
					2-51	8		-	-	-	-	-		+	-				
				N3	-1'	9								1					
	1	J	T		- 3'	10								7	-				
Additio	nal Instru	ctions:																	
					I am aware that tampering with or intentionally misla	belling the sam	ple loca	tion,									eceived on ice the day 6°C on subsequent o		led or receive
				d may be grounds for	1 11 101	Date		Tim	e	1.000					Lab L	Jse Or	nly		
1/06	med by: (Sign	1%		12623 1	330 Unicula umals	- 420	173	Tim	133	0	Rec	eived (	on ice:	(	D/1	N			
Relinguis	hed by: (Sign	nature)		Time	730 (10/10/	411/	123	111111	13	0	T1			<u>T2</u>			T3		
Relinqui	shed by (Sign	nature		4/27/23	Received by (Signature)		122		115			3 Temp			3.0	-			, m
Sample N	latrix: S - Soil.	Sd - Solid, S	g - Sludge, A	- Aqueous, O - Other		Contair	ner Ty	pe: g	- glass	, p -	poly/p	lastic,	ag - am	ber gl	ass, v	- VOA			
Mater Co	mulas ara di	coarded 30	days after	results are reporte	d unless other arrangements are made. Hazaro	ous samples v	vill be r	eturn	ed to c	lient	or disp	osed of	at the c	lient ex	xpense	e. The	report for the ar	alysis of the	e above
samples	is applicable	only to th	ose sample	es received by the la	boratory with this COC. The liability of the labor	atory is limited	d to the	e amo	unt pai	id for	on the	report.							



It aug D	F			I Cond	000	Bill To		T .		La	b Us	e On	ly	1		TAT	Γ	EPA P	ogram
reject: 1	ma Envi	Onm	Osa'	i Servi	2 14	Attention:		Lab	WO#			Job N	Number	1D	2D	3D	Standard	CWA	SDWA
	lanager:					Address:		E.	WO#	199		210	064-0001				X		
ddress:	5614 N.	Lovir	gto	n Hwy.		City, State, Zip					/	Analy	sis and Met	nod	_				RCRA
	e, Zip Ho		MM	88240	)	Phone:												State	
	80-748-		2.46.5			Email:	_	8015	8015				0	1		1	NMI CO	UT AZ	TX
	om@pin	naoil.	com	-		Pima Project # \ - 28 \ -	-2	O by	O by	8021	3260	010	300	N	¥		×		
Eport d Time Sampled	Date Sampled	Matr	x	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	верос			Remarks	
	4 (21/23	Soil		1	7	3-4'	11							×				4	
				1	N	13-51	12												
						14-1'	13							1					
						v4 - 3'	14							1				and the second second	
					1	14 - 4'	15											-	363
						N4-5'	16							1					
						N5-11	17					_		1	+				
						N5-31	18							-1	_			vm)+1-	
						N5-41 N5-5150 N6-1'	19			_	_			$\perp$					
	1	1	-		1	15-5-50 NG-1'	20												
	nal Instru			٦,								1.			nution m	ust be res	ceived on ice the day	they are same	aled or receive
date or tim	e of collection	n is cons	idere		nticity of this sample. I may be grounds for	I am aware that tampering with or intentionally mis egal action. <u>Sampled by:</u>	slabelling the sam	ole loca						temp abo	ve 0 but l	less than 6	6 °C on subsequent d		
Relinguish	ned by: (Sign	pature	1.	Da	te Time	Received by: (Signature)	Date 4 8 (	.23	_	330	V-10-2	Red	ceived on ic		Lab L	Jse On N	ıly		
Relinquis	ned by: (Sig	ature)	col	Da	te   Time	730 MWN	Date /	6/1	Z Time	13	30	<u>T1</u>			2				
	ned by: (Sign			Da 4			~ 19/2-	123	8	:15		AV	'G Temp °C	4					
UN	ntrix: <b>S</b> - Soil, inples are di	Sd - Soli	1 Sp -	Sludge	-Aqueous O Other		Contai	er Ty	e:g-	glass	s. p - t	ooly/	plastic, <b>ag</b> - a	amber g	lass, v	- VOA			



Printed: 4/27/2023 12:50:36PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

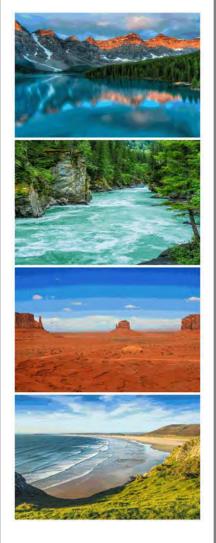
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/27/23	08:15	Work Order ID:	E304194
Phone:	(575) 631-6977	Date Logged In:	04/27/23	08:49	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/03/23	17:00 (4 day TAT)		
·	Custody (COC) e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	the COC				
	imples dropped off by client or carrier?	in the coc	Yes Yes	Ci C	· · · · · · · · · · · · · · · · · · ·	
	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No	Carrier: <u>C</u>	<u>ourier</u>	
	I samples received within holding time?	ed unary ses.	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103	ı	Comme	ents/Resolution
	urn Around Time (TAT)		37		Project Diamond PWI	I 22 1H has been
	COC indicate standard TAT, or Expedited TAT?		Yes		_	
Sample C			**		separated into 2 report	-
	ample cooler received?		Yes		volume. Workorders a	re as follows:
	vas cooler received in good condition?		Yes		E304194 & E304195.	Time sampled not
	sample(s) received intact, i.e., not broken?		Yes		provided on COC per	client.
10. Were	custody/security seals present?		No		Providence of Pro-	
11. If yes,	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 risible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C		<u></u>	_			
	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			
	ppropriate volume/weight or number of sample contain-	ers collected?	Yes			
Field Lab	·· ·		100			
20. Were 1		mation:				
	imple ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
			No			
	reservation he COC or field labels indicate the samples were pro	namiad?	No			
	mple(s) correctly preserved?	esciveu:				
	filteration required and/or requested for dissolved managers.	etale?	NA No			
	•	cuis.	110			
	se Sample Matrix	~?	3.7			
	he sample have more than one phase, i.e., multiphas		No			
21. II yes,	does the COC specify which phase(s) is to be analyst	zeu?	NA			
Subcontra	act Laboratory					
	mples required to get sent to a subcontract laborator		No			
	subcontract laboratory specified by the client and if	so wno?	NA	Subcontract Lab	: na	
Client In	<u>struction</u>					

Date

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

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: Diamond PWU 22 1H

Work Order: E304195

Job Number: 21064-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/3/23

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: 5/3/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E304195

Date Received: 4/27/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2023 8:15:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

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

West Texas Midland/Odessa Area

Rayny Hagan

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
N6 - 3'	6
N6 - 4'	7
N6 - 5'	8
N7 - 1'	9
N7 - 3'	10
N7 - 4'	11
N8 - 1'	12
N8 - 3'	13
N8 - 4'	14
N8 - 5'	15
N9 - 1'	16
N9 - 3'	17
N9 - 4'	18
N9 - 5'	19
N10 - 1'	20
N10 - 3'	21
N10 - 4'	22
N10 - 5'	23
N11 -1'	24
N11 - 3'	25

# Table of Contents (continued)

	N11 - 4'	26
	N11 - 5'	27
	SW1	28
	SW2	29
	SW3	30
	SW4	31
	SW5	32
	SW6	33
	SW7	34
	SW8	35
Q	C Summary Data	36
	QC - Volatile Organic Compounds by EPA 8260B	36
	QC - Nonhalogenated Organics by EPA 8015D - GRO	38
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	40
	QC - Anions by EPA 300.0/9056A	42
De	efinitions and Notes	44
CI	nain of Custody etc.	45

## **Sample Summary**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum05/03/23 12:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
N6 - 3'	E304195-01A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N6 - 4'	E304195-02A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N6 - 5'	E304195-03A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N7 - 1'	E304195-04A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N7 - 3'	E304195-05A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N7 - 4'	E304195-06A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N8 - 1'	E304195-07A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N8 - 3'	E304195-08A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N8 - 4'	E304195-09A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N8 - 5'	E304195-10A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N9 - 1'	E304195-11A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N9 - 3'	E304195-12A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N9 - 4'	E304195-13A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N9 - 5'	E304195-14A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N10 - 1'	E304195-15A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N10 - 3'	E304195-16A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N10 - 4'	E304195-17A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N10 - 5'	E304195-18A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N11 -1'	E304195-19A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N11 - 3'	E304195-20A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N11 - 4'	E304195-21A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
N11 - 5'	E304195-22A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW1	E304195-23A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW2	E304195-24A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW3	E304195-25A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW4	E304195-26A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW5	E304195-27A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW6	E304195-28A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW7	E304195-29A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW8	E304195-30A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N6 - 3' E304195-01

	E504175-01					
D14	Reporting	D''	4:	D	A	N-4
Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	I	Analyst: IY	7		Batch: 2317082
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
ND	0.0500	1		04/28/23	05/02/23	
ND	0.0250	1		04/28/23	05/02/23	
	105 %	70-130		04/28/23	05/02/23	
	114 %	70-130		04/28/23	05/02/23	
	98.9 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2317082
ND	20.0	1		04/28/23	05/02/23	
	105 %	70-130		04/28/23	05/02/23	
	114 %	70-130		04/28/23	05/02/23	
	98.9 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg	ı	Analyst: JL			Batch: 2317062
ND	25.0	1		04/27/23	04/28/23	
ND	50.0	1		04/27/23	04/28/23	
	78.1 %	50-200		04/27/23	04/28/23	
mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2318013
1180	20.0	1		05/01/23	05/01/23	
	ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           IO5 %         114 %           98.9 %         mg/kg           ND         20.0           105 %         114 %           98.9 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           78.1 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           105 %         70-130         1           98.9 %         70-130         1           mg/kg         mg/kg         1           ND         20.0         1           114 %         70-130         1           98.9 %         70-130         1           mg/kg         mg/kg         1           ND         25.0         1           ND         50.0         1           78.1 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           105 %         70-130           114 %         70-130           98.9 %         70-130           mg/kg         mg/kg         Analyst: IV           ND         20.0         1           105 %         70-130         1           y8.9 %         70-130         1           mg/kg         mg/kg         Analyst: II           ND         25.0         1           ND         50.0         1           78.1 %         50-200           mg/kg         Mg/kg         Analyst: R.	Reporting         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0250         1         04/28/23           ND         0.0500         1         04/28/23           ND         0.0250         1         04/28/23           105 %         70-130         04/28/23           114 %         70-130         04/28/23           98.9 %         70-130         04/28/23           mg/kg         mg/kg         Analyst: IV           ND         20.0         1         04/28/23           114 %         70-130         04/28/23           98.9 %         70-130         04/28/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         04/27/23           ND         50.0         1         04/27/23           ND         50.0         1         04/27/23           mg/kg         mg/kg         Analyst: RAS	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/28/23         05/02/23           ND         0.0500         1         04/28/23         05/02/23           ND         0.0250         1         04/28/23         05/02/23           ND         0.0250         1         04/28/23         05/02/23           ND         0.0250         1         04/28/23         05/02/23           114 %         70-130         04/28/23         05/02/23           98.9 %         70-130         04/28/23         05/02/23           mg/kg         mg/kg         Analyst: IV           ND         20.0         1         04/28/23         05/02/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         04/28/23         05/02/



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N6 - 4'

# E304195-02 Reporting

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2317082
Benzene	ND	0.0250	1		04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1		04/28/23	05/02/23	
Toluene	ND	0.0250	1		04/28/23	05/02/23	
o-Xylene	ND	0.0250	1		04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1		04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		108 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2317082
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10)	mg/kg ND	mg/kg 20.0			Y 04/28/23	05/02/23	Batch: 2317082
						05/02/23 05/02/23	Batch: 2317082
Gasoline Range Organics (C6-C10)		20.0	1		04/28/23		Batch: 2317082
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene		20.0	70-130		04/28/23	05/02/23	Batch: 2317082
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4		20.0 108 % 113 %	70-130 70-130 70-130		04/28/23 04/28/23 04/28/23 04/28/23	05/02/23 05/02/23	Batch: 2317082  Batch: 2317062
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8	ND	20.0 108 % 113 % 99.1 %	70-130 70-130 70-130		04/28/23 04/28/23 04/28/23 04/28/23	05/02/23 05/02/23	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 108 % 113 % 99.1 % mg/kg	70-130 70-130 70-130		04/28/23 04/28/23 04/28/23 04/28/23 L	05/02/23 05/02/23 05/02/23	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO  Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 108 % 113 % 99.1 % mg/kg 25.0	70-130 70-130 70-130		04/28/23 04/28/23 04/28/23 04/28/23 L 04/27/23	05/02/23 05/02/23 05/02/23 04/28/23	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO  Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 108 % 113 % 99.1 % mg/kg 25.0 50.0	1 70-130 70-130 70-130 A 1 1 50-200		04/28/23 04/28/23 04/28/23 04/28/23 L 04/27/23 04/27/23 04/27/23	05/02/23 05/02/23 05/02/23 04/28/23 04/28/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N6 - 5' E304195-03

		E504175-05				
Andre	Result	Reporting Limit		D	Al	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.5 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.5 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		72.8 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2318013
Chloride	ND	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N7 - 1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2317082
Benzene	ND	0.0250	1	l	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	l	04/28/23	05/02/23	
Toluene	ND	0.0250	1	l	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	l	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	l	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	l	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/27/23	04/28/23	
Surrogate: n-Nonane		76.5 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2318013

Pima Environmen	tal Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247		Project Number:	21064-0001	Reported:
Plains TX, 79355	0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N7 - 3' E304195-05

		E504175-05				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
p-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	.nalyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		79.6 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2318013
Chloride	1020	20.0	1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N7 - 4'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250	1	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/28/23	
Surrogate: n-Nonane		80.4 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
						05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N8 - 1'

E304195-07								
Reporting								
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082	
Benzene	ND	0.0250		1	04/28/23	05/02/23		
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23		
Toluene	ND	0.0250		1	04/28/23	05/02/23		
o-Xylene	ND	0.0250		1	04/28/23	05/02/23		
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23		
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23		
Surrogate: Bromofluorobenzene		106 %	70-130		04/28/23	05/02/23		
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23		
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23		
Surrogate: Bromofluorobenzene		106 %	70-130		04/28/23	05/02/23		
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23		
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317062	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23		
Surrogate: n-Nonane		78.0 %	50-200		04/27/23	04/28/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013	

20.0

1

05/01/23

05/01/23

1340



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N8 - 3'

		E304195-08					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		79.5 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
Chloride	1300	20.0		1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N8 - 4'

E304195-0	)9	

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: ЛL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		79.1 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2318013
Chloride	143	20.0		1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N8 - 5' E304195-10

Reporting Limit				<u> </u>
	Dilut	ion Prepared	Analyzed	Notes
2	Dilui	ion Prepared	Anaryzed	Notes
mg/kg	A	Analyst: IY		Batch: 2317082
0.0250	1	04/28/23	05/02/23	
0.0250	1	04/28/23	05/02/23	
0.0250	1	04/28/23	05/02/23	
0.0250	1	04/28/23	05/02/23	
0.0500	1	04/28/23	05/02/23	
0.0250	1	04/28/23	05/02/23	
105 %	70-130	04/28/23	05/02/23	
109 %	70-130	04/28/23	05/02/23	
98.9 %	70-130	04/28/23	05/02/23	
mg/kg	A	Analyst: IY		Batch: 2317082
20.0	1	04/28/23	05/02/23	
105 %	70-130	04/28/23	05/02/23	
109 %	70-130	04/28/23	05/02/23	
98.9 %	70-130	04/28/23	05/02/23	
mg/kg	A	Analyst: JL		Batch: 2317062
25.0	1	04/27/23	04/29/23	
50.0	1	04/27/23	04/29/23	
76.9 %	50-200	04/27/23	04/29/23	
mg/kg	A	Analyst: RAS		Batch: 2318013
20.0	1	05/01/23	05/01/23	
	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 105 % 109 % 98.9 % mg/kg 20.0 105 % 109 % 98.9 % mg/kg 25.0 50.0 76.9 % mg/kg	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 105% 70-130 98.9% 70-130 mg/kg 2 20.0 1 105% 70-130 109% 70-130 mg/kg 2 25.0 1 50.0 1 76.9% 50-200 mg/kg 4	0.0250 1 04/28/23 0.0250 1 04/28/23 0.0250 1 04/28/23 0.0250 1 04/28/23 0.0250 1 04/28/23 0.0500 1 04/28/23 0.0250 1 04/28/23 0.0250 1 04/28/23 105 % 70-130 04/28/23 109 % 70-130 04/28/23 98.9 % 70-130 04/28/23 105 % 70-130 04/28/23 105 % 70-130 04/28/23 105 % 70-130 04/28/23 109 % 70-130 04/28/23	0.0250 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 0.0500 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 0.0250 1 04/28/23 05/02/23 105 % 70-130 04/28/23 05/02/23 109 % 70-130 04/28/23 05/02/23 98.9 % 70-130 04/28/23 05/02/23  mg/kg Analyst: IY  20.0 1 04/28/23 05/02/23 105 % 70-130 04/28/23 05/02/23 109 % 70-130 04/28/23 05/02/23  mg/kg Analyst: IY  20.0 1 04/28/23 05/02/23 109 % 70-130 04/28/23 05/02/23



Pima Environmen	tal Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247		Project Number:	21064-0001	Reported:
Plains TX, 79355	0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N9 - 1'

E30		

		200117011					
	D 1	Reporting			D 1		N
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	27.9	25.0		1	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		79.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
Chloride	ND	20.0		1	05/01/23	05/01/23	



Pima Environmen	tal Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247		Project Number:	21064-0001	Reported:
Plains TX, 79355	0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N9 - 3' E304195-12

		1204173-12				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Maryte				1	Milaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		78.4 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2318013
Chloride	ND	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N9 - 4'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		76.6 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N9 - 5'

		E304195-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		72.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2318013
Chloride	ND	20.0		1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N10 - 1' E304195-15

		200.170 10					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: IY	•	1 mary 200	Batch: 2317082
Volatile Organic Compounds by EPA 8260B	ND	0.0250			04/28/23	05/02/23	Datcii. 231/062
Benzene			1		04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1		04/28/23	05/02/23	
Toluene	ND	0.0250	1		04/28/23	05/02/23	
o-Xylene	ND	0.0250	1				
p,m-Xylene	ND	0.0500	1		04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2317062
Diesel Range Organics (C10-C28)	126	25.0	1		04/27/23	04/29/23	
Oil Range Organics (C28-C36)	139	50.0	1	l	04/27/23	04/29/23	
Surrogate: n-Nonane		70.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2318013
Chloride	47.8	20.0	1		05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N10 - 3' E304195-16

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Hary Zea	Batch: 2317082
Volatile Organic Compounds by EPA 8260B				1	04/28/23	05/02/23	Batch. 2317002
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1			
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		73.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2318013
Chloride	ND	20.0		1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N10 - 4' E304195-17

		1204173-17				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Allalyte				1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.2 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.2 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		75.5 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2318013
Chloride	ND	20.0	1	05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N10 - 5' E304195-18

		E504175-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Anaryte	Result	Limit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.4 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.4 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		77.6 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2318013
Chloride	ND	20.0	1	05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N11 -1' E304195-19

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Hary Zea	Batch: 2317082
Volatile Organic Compounds by EPA 8260B				1	04/28/23	05/02/23	Batch. 2317062
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1			
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2317062
Diesel Range Organics (C10-C28)	299	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	355	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		67.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2318013
Chloride	50.8	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N11 - 3' E304195-20

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Benzene	ND	0.0250	1	04/28	/23 05/02/23	
Ethylbenzene	ND	0.0250	1	04/28	/23 05/02/23	
Toluene	ND	0.0250	1	04/28	/23 05/02/23	
o-Xylene	ND	0.0250	1	04/28	/23 05/02/23	
p,m-Xylene	ND	0.0500	1	04/28	/23 05/02/23	
Total Xylenes	ND	0.0250	1	04/28	/23 05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28	/23 05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	04/28	/23 05/02/23	
Surrogate: Toluene-d8		98.0 %	70-130	04/28	/23 05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28	/23 05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28	/23 05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	04/28	/23 05/02/23	
Surrogate: Toluene-d8		98.0 %	70-130	04/28	/23 05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27	/23 04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27	/23 04/29/23	
Surrogate: n-Nonane		77.4 %	50-200	04/27	/23 04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2318013
	26.5			05/01/	/23 05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N11 - 4' E304195-21

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2317061
Renzene	ND	0.0250		1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		85.1 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		85.1 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		85.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2318015
Chloride	235	20.0		1	05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### N11 - 5' E304195-22

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2317061
Benzene	ND	0.0250		1	04/27/23	04/28/23	Butch: 2317001
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		84.6 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		84.6 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		91.0 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2318015
Chloride	ND	20.0		1	05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW1 E304195-23

		1001170 20				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2317061
Benzene	ND	0.0250	1	04/27/23	04/28/23	Butch: 2317001
Ethylbenzene	ND	0.0250	1	04/27/23	04/28/23	
Toluene	ND	0.0250	1	04/27/23	04/28/23	
o-Xylene	ND	0.0250	1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		84.7 %	70-130	04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130	04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		84.7 %	70-130	04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130	04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		90.1 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318015
Chloride	ND	20.0	1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW2 E304195-24

	_	Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Benzene	ND	0.0250		1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		83.4 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		108 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		83.4 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		108 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane	·	89.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015
Chloride	ND	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW3

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2317061
Benzene	ND	0.0250	1		04/27/23	04/28/23	
Ethylbenzene	ND	0.0250	1		04/27/23	04/28/23	
Toluene	ND	0.0250	1		04/27/23	04/28/23	
o-Xylene	ND	0.0250	1	Į.	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500	1	Į.	04/27/23	04/28/23	
Total Xylenes	ND	0.0250	1	l	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		85.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		85.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u>.                                    </u>	04/27/23	04/28/23	
Surrogate: n-Nonane		89.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2318015



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW4

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2317061
Benzene	ND	0.0250	1	0	4/27/23	04/28/23	
Ethylbenzene	ND	0.0250	1	0	4/27/23	04/28/23	
Toluene	ND	0.0250	1	0	4/27/23	04/28/23	
o-Xylene	ND	0.0250	1	0	4/27/23	04/28/23	
p,m-Xylene	ND	0.0500	1	0	4/27/23	04/28/23	
Total Xylenes	ND	0.0250	1	0	4/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.5 %	70-130	0	4/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	0	4/27/23	04/28/23	
Surrogate: Toluene-d8		110 %	70-130	0	4/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS			Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	4/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.5 %	70-130	0	4/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	0	4/27/23	04/28/23	
Surrogate: Toluene-d8		110 %	70-130	0	4/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	0	4/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	0	4/27/23	04/29/23	
Surrogate: n-Nonane		88.0 %	50-200	0	4/27/23	04/29/23	
	п	/1	,	Analyst: BA			Batch: 2318015
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Г	Allalyst. DA			Batch. 2318013



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW5

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2317061
Benzene	ND	0.0250		1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.2 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2318015
Chloride	ND	20.0		1	05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

#### SW6

	E304195-28							
		Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061	
Benzene	ND	0.0250		1	04/27/23	04/28/23		
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23		
Toluene	ND	0.0250		1	04/27/23	04/28/23		
o-Xylene	ND	0.0250		1	04/27/23	04/28/23		
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23		
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		81.4 %	70-130		04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/27/23	04/28/23		
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		81.4 %	70-130		04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/27/23	04/28/23		
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23		
Surrogate: n-Nonane		84.3 %	50-200		04/27/23	04/29/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015	
·								

20.0

05/01/23

05/02/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW7

E304195-29							
		Reporting					
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2317061	
Benzene	ND	0.0250	1	04/27/23	04/28/23		
Ethylbenzene	ND	0.0250	1	04/27/23	04/28/23		
Toluene	ND	0.0250	1	04/27/23	04/28/23		
o-Xylene	ND	0.0250	1	04/27/23	04/28/23		
p,m-Xylene	ND	0.0500	1	04/27/23	04/28/23		
Total Xylenes	ND	0.0250	1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		76.3 %	70-130	04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/27/23	04/28/23		
Surrogate: Toluene-d8		112 %	70-130	04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2317061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		76.3 %	70-130	04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	04/27/23	04/28/23		
Surrogate: Toluene-d8		112 %	70-130	04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2317063	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23		
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23		
Surrogate: n-Nonane		86.4 %	50-200	04/27/23	04/29/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2318015	
Chloride	ND	20.0	1	05/01/23	05/02/23		



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

### SW8

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2317061
Benzene	ND	0.0250		1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		76.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		113 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		76.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		113 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		84.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2318015
Chloride	ND	20.0		1	05/01/23	05/02/23	



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/3/2023 12:25:55PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2317061-BLK1) Prepared: 04/27/23 Analyzed: 05/02/23 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 0.519 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.582 0.500 116 70-130 0.500 97.7 70-130 Surrogate: Toluene-d8 0.489 LCS (2317061-BS1) Prepared: 04/27/23 Analyzed: 05/02/23 2.55 0.0250 2.50 102 70-130 Benzene 2.50 100 70-130 2.51 Ethylbenzene 0.0250 2.51 0.0250 2.50 100 70-130 2.48 70-130 0.0250 2.50 99.2 o-Xylene 4.92 5.00 98.5 70-130 p,m-Xylene 0.0500 7.40 0.0250 7.50 98.7 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.546 0.500 109 70-130 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.553 70-130 Surrogate: Toluene-d8 0.497 0.500 Matrix Spike (2317061-MS1) Source: E304192-04 Prepared: 04/27/23 Analyzed: 05/02/23 2.57 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.53 0.0250 2.50 ND 101 102 48-130 Toluene 2.54 0.0250 2.50 ND 2.51 0.0250 2.50 ND 100 43-135 o-Xylene 4.96 ND 99.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.47 0.0250 7.50 ND 99.6 43-135 108 Surrogate: Bromofluorobenzene 0.540 0.500 70-130 0.555 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.499 Surrogate: Toluene-d8 Matrix Spike Dup (2317061-MSD1) Source: E304192-04 Prepared: 04/27/23 Analyzed: 05/02/23 2.47 0.0250 2.50 ND 98.8 48-131 3.83 23 0.0250 2.50 ND 45-135 2.30 27 Ethylbenzene ND 48-130 24 2.46 2.50 98.4 3.12 Toluene 0.0250 o-Xylene 2.47 0.0250 2.50 ND 98.7 43-135 1.65 27 5.00 ND 97.1 43-135 27 4.86 2.18 p,m-Xylene 0.0500 27 7.32 0.0250 7.50 ND 97.6 43-135 2.00 Total Xylenes Surrogate: Bromofluorobenzene 0.538 0.500 108 70-130



0.500

0.500

0.558

0.496

112

99.1

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/3/2023 12:25:55PM **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 (2317082-BLK1) Prepared: 04/28/23 Analyzed: 05/02/23 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 0.529 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.556 0.500 111 70-130 0.500 98.0 70-130 Surrogate: Toluene-d8 0.490 LCS (2317082-BS1) Prepared: 04/28/23 Analyzed: 05/02/23 2.47 0.0250 2.50 98.8 70-130 Benzene 2.42 2.50 70-130 96.8 Ethylbenzene 0.0250 2.42 0.0250 2.50 96.8 70-130 2.41 96.4 70-130 0.0250 2.50 o-Xylene 4.78 5.00 95.5 70-130 p,m-Xylene 0.0500 7.19 0.0250 7.50 95.8 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.542 0.500 108 70-130 0.500 116 70-130 Surrogate: 1,2-Dichloroethane-d4 0.582 70-130 Surrogate: Toluene-d8 0.495 0.500 Matrix Spike (2317082-MS1) Source: E304195-03 Prepared: 04/28/23 Analyzed: 05/02/23 2.50 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.48 0.0250 2.50 ND 99.2 99.0 48-130 Toluene 2.47 0.0250 2.50 ND 2.48 0.0250 2.50 ND 99.1 43-135 o-Xylene 4.88 ND 97.5 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.35 0.0250 7.50 ND 98.0 43-135 110 Surrogate: Bromofluorobenzene 0.550 0.500 70-130 0.572 0.500 114 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.507 Surrogate: Toluene-d8 Matrix Spike Dup (2317082-MSD1) Source: E304195-03 Prepared: 04/28/23 Analyzed: 05/02/23 2.43 0.0250 2.50 ND 97.4 48-131 2.79 23 2.41 0.0250 2.50 ND 96.6 45-135 2.68 27 Ethylbenzene ND 48-130 2.87 24 2.40 2.50 96.2 Toluene 0.0250 o-Xylene 2.42 0.0250 2.50 ND 96.9 43-135 2.18 27 4.74 5.00 ND 94.8 43-135 27 2.81 p,m-Xylene 0.0500 27 7.16 0.0250 7.50 ND 95.5 43-135 2.60 Total Xylenes Surrogate: Bromofluorobenzene 0.545 0.500 109 70-130



0.500

0.500

0.561

0.497

112

99.4

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: Toluene-d8

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum5/3/2023 12:25:55PM

Plains TX, 79355-0247		Project Manager		m Bynum					5/3/2023 12:25:55PM
	Non	halogenated	Organics l	oy EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317061-BLK1)							Prepared: 0	4/27/23 <i>A</i>	Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.582		0.500		116	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			
LCS (2317061-BS2)							Prepared: 0	4/27/23 A	Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.552		0.500		110	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
Matrix Spike (2317061-MS2)				Source:	E304192-0	)4	Prepared: 0	4/27/23 A	Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.562		0.500		112	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike Dup (2317061-MSD2)				Source:	E304192-0	)4	Prepared: 0	4/27/23 A	Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130	2.10	20	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.558		0.500		112	70-130			

0.500

0.510

102

70-130



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum5/3/2023 12:25:55PM

	Nonl	nalogenated (	Organics l	oy EPA 801	5D - 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

nalyte	Result	Reporting Limit	Spike Level	Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317082-BLK1)							Prepared: 04	4/28/23 Analy	zed: 05/02/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.556		0.500		111	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
LCS (2317082-BS2)							Prepared: 04	4/28/23 Analy	zed: 05/02/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.3	70-130			
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.558		0.500		112	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
Matrix Spike (2317082-MS2)				Source:	E304195-	03	Prepared: 04	4/28/23 Analy	zed: 05/02/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
Matrix Spike Dup (2317082-MSD2)				Source:	E304195-	03	Prepared: 04/28/23 Analyzed: 05/02/23		
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.7	70-130	0.339	20	
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.557		0.500		111	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:25:55PN
	Nonha	logenated Or	ganics by	EPA 8015I	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 (2317062-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	41.2		50.0		82.4	50-200			
LCS (2317062-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	241	25.0	250		96.2	38-132			
urrogate: n-Nonane	37.2		50.0		74.5	50-200			
Matrix Spike (2317062-MS1)				Source:	E304195-	05	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.6	38-132			
urrogate: n-Nonane	32.5		50.0		65.1	50-200			
Matrix Spike Dup (2317062-MSD1)				Source:	E304195-	05	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.8	38-132	1.33	20	
urrogate: n-Nonane	35.2		50.0		70.4	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:25:55PN
	Nonha	logenated Or	ganics by	EPA 8015I	) - 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 (2317063-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.9		50.0		89.9	50-200			
LCS (2317063-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
urrogate: n-Nonane	43.9		50.0		87.8	50-200			
Matrix Spike (2317063-MS1)				Source:	E304195-	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
urrogate: n-Nonane	43.4		50.0		86.8	50-200			
Matrix Spike Dup (2317063-MSD1)				Source:	E304195-3	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	3.50	20	
urrogate: n-Nonane	42.1		50.0		84.2	50-200			

### **QC Summary Data**

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Diamond PWU 22 1H 21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM
	Analyst: PAS		

		Anions	by EPA 3	00.0/9056	1				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2318013-BLK1)							Prepared: 0	5/01/23 Ana	lyzed: 05/01/23
Chloride	ND	20.0							
LCS (2318013-BS1)							Prepared: 0	5/01/23 Ana	lyzed: 05/01/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2318013-MS1)				Source:	E304195-	01	Prepared: 0	5/01/23 Ana	lyzed: 05/01/23
Chloride	1330	20.0	250	1180	56.9	80-120			M2
Matrix Spike Dup (2318013-MSD1)				Source:	E304195-	01	Prepared: 0	5/01/23 Ana	lyzed: 05/01/23
Chloride	1350	20.0	250	1180	66.3	80-120	1.77	20	M2



#### **QC Summary Data**

Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		Diamond PWU 1064-0001	22 1H				Reported:
Plains TX, 79355-0247		Project Manager	: Т	om Bynum					5/3/2023 12:25:55PM
		Anions	by EPA	300.0/9056	4				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 (2318015-BLK1)							Prepared: (	05/01/23	Analyzed: 05/02/23
Chloride	ND	20.0							
LCS (2318015-BS1)							Prepared: (	05/01/23	Analyzed: 05/02/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2318015-MS1)				Source:	E304195-2	21	Prepared: (	05/01/23	Analyzed: 05/02/23
Chloride	526	20.0	250	235	117	80-120			
Matrix Spike Dup (2318015-MSD1)				Source:	E304195-2	21	Prepared: (	05/01/23	Analyzed: 05/02/23
Chloride	568	20.0	250	235	133	80-120	7.67	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:	Diamond PWU 22 1H	
l	PO Box 247	Project Number:	21064-0001	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/03/23 12:25

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



**Project Information** 

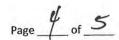
Chain of Custody

	7		~
Page	5	of	
1 age	_	O.	

Received by OCD: 2/17/2025 9:13:02 AM

					Bill To				la	hUs	e Only	V	1000	7		TA	T	EPA P	ogram
Client: P	ima Envi	ronment	tal Servi	ces	Attention:		Lab	WO#	100	-	Job N		er	1D	2D	3D	Standard	CWA	SDWA
Project:\	Diamond	Tom Du	JUL	141	Address:		F.3	wo#	195		2100						X		
	Manager: 5614 N.				City, State, Zip		-	241					d Metho	od					RCRA
	e, Zip Ho				Phone:														
	580-748-		VI. 0024		Email:		15	15							1			State	
	tom@pin		n			)	y 80	y 80	1	0		0.0		Σ×		1 1		UT AZ	TX
Report d		10011.001			Pima Project # 1-281-2	_	30 b	000	/ 802	826	601	e 30		1	¥	1 1	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks	
	4/21/23	(oi)	1		N6-31	1								X				·	
	1	1			N6-41	2													
					N6-3' N6-4' N6-5'	3													
					N7-1'	4													
					N7-3'	5													
		$\vdash$			NJ -#1	6													
					v8 −1,	7				Т									
			++		N8-31	8													
			++		N8-41	9		T											
	11	H	1		N8-41 N8-51	10								1	-				
Additio	nal Instru	ctions:			1400							A							
					le. I am aware that tampering with or intentionally mis or legal action. <u>Sampled by:</u>	labelling the san	nple loca	ation,	<b>January</b>		Sampl	les requ d in ice	iring therm at an avg to	al prese emp abo	rvation ve 0 but	must be re less than	eceived on ice the da 6°C on subsequent	y they are sam days.	pled or receive
Relinquis	hed by: Sign	nature)	Da	te Til	Received by: (Signature)	Date	الما	) Tim	33	٥	Rec	eive	d on ice	: 1	Lab Y/	Use Or N	nly		
Relinquis	hed by: (Sign	nature),	Da		Received by: (Signature)	Date 4	7h1	Z Tin	7	30	T1			_ <u>L</u>	2		T3		
	shed by: (Sign				7/13 3 Received by (Signature) hat			3 Tim	3:15	5	AVG Temp °C_4_								
Sam	atrivi & Sail	Sd - Solid S	g - Sludgo A	- Aqueous O - Othe		Contai	iner Ty	ne: g	- glas	s. p -	poly/p	lastic	, ag - ar	nber g	glass,	v - VOA			
AL Ca	di	seeded 20	days after	roculte are renor	ted unless other arrangements are made. Hazai	dous samples	will be	return	ed to	client	or disp	osed (	of at the	client e	expens	se. The	report for the a	nalysis of th	e above
samples	is applicable	only to the	ose sample	s received by the	laboratory with this COC. The liability of the laboratory	oratory is limite	ed to th	e amo	unt pa	id for	on the	repor	rt.						
P. 33	Marie Control of										-								





			-1 0 i		Bill To					ab Us	se On	nlv			TAT		EPA P	ogram
Client: P	ima Envir	onment	al Servic	i Li	Attention:		Lab	WO#	Control of the second		_		1D	2D	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num		Address:		E	300	119	5	21	Number 064-000	1	6		X		
Address:	5614 N.	Lovingto	on Hwy.		City, State, Zip						Analy	ysis and Meth	od	_				RCRA
	e, Zip Ho		1. 88240		Phone:											Such	State	<u> </u>
	580-748-		n		Email:	1 7	801	801	н			0.	-			NM CO	UT AZ	TX
Email: Report d	tom@pim	aoii.com			Pima Project # \-28	1-6	30 by	30 by	/ 802	8260	6010	e 300	S	¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	
	4/21/23	Soil	1		N9-1'	11							X					
	1	1	(		N9-3'	12							1					
					N9-41	13							11					
					N9-51	14							$\perp$					
					N10-11	15				_			$\perp$					
					N10-31	10				-	-			-	$\vdash$			
					N10-41	17		1		-	+		-	-	$\Box$			
					N10-51	18	1			-	-			4				
					N11-1'	19				_	-			-				
	L	1	1		N11 - 31	20							-	士				
Additio	nal Instru	tions:																
					I am aware that tampering with or intentional legal action.  Sampled by:	lly mislabelling the san	ple loca	ation,			Sam pack	nples requiring them ked in ice at an avg	mal prese temp abo	vation n	nust be rec less than 6	eived on ice the da °C on subsequent	y they are sam days.	oled or receiv
	ed by (Sign		Dat	may be grounds for Time	Received by: (Signature)	la Date	الم ما	7 Tim	133	30	Re	eceived on ic	e: (	Lab (	Jse On N	ly		116-5
	hed by: (Sign	ature)	Da		Received by: (Signature)	Date 4	16/2	3 Tim	17	30	<u>T1</u>		_ I	2	#	<u></u>		
Relinquis	hed by: (Sigr	-	Da		Received by (Signature)	That 4/	27/2		5115		AV	/G Temp °C_	4			Ŷ		
Sample M	MAN S - SOIL	Solid Se	- Sludge A	- Aqueous, O - Other	d unless other arrangements are made.	Conta	ner Ty	pe: g	- glas	s. p -	poly	/plastic, <b>ag</b> - a	mber g	lass, v	- VOA			



**Project Information** 

· . D			tal Cand	ces Bill To			- Au	La	b Us	e On	ılv	1. 17		TA	AT	EPA P	ogram
roject:	ma Envi	ronmer	ntal Servi ພບ ຂ	003		Lab '	WO#	Andrew Street, or other Designation of the last of the			Number 064-000	, 10	21	3D	Standard	CWA	SDWA
roject N	anager:	Tom B	ynum	Address:		E	wo# 304	195	5	210	64-000	N L			X		RCRA
			ton Hwy.						Ť	Analy	sis and Met	thod	_				KCKA
			M. 88240	Phone: Email:		5	5					- 1			10,000	State	
	80-748- om@pin		om		5541.2	y 801	y 8015	11		0	0.0	١,	MIN.			UT AZ	TX
eport d		10011.00		Pima Project # L - 2		RO b	RO b	ıy 802	y 826	6010	de 30		-	×.	1		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	3	BGDOC	8600		Remarks	
	4/21/23	Sol		N11-4'	21							×					
				N11-51	22								$\perp$				
				SWI	23								Ц				-
				SW2	24								1				
				5W3	25								1			torry Ma	
				5w4	26								$\parallel$				
				5w 5	27								4				
				sw6	28								1				
				SWT	29								$\prod$				
	1	J	11	sw8	30								-				
Addition	al Instru	ctions:															
				nticity of this sample. I am aware that tampering with or intent	tionally mislabelling the samp	le loca	tion,								received on ice the da an 6 °C on subsequent		pled or receive
	ed by: Sig		// Da	d may be grounds for legal action.  Sampled by: te Time Received by: (Signature)	Date 4-2	0.23	Time	330	<u> </u>	Re	ceived on i	ice:	La	Use C	Only	12 02 1	3 - 5 - 1
	ed by: (Sig		Da	te 4. 2) Time Received by: (Signature		6/2	3 Time	_	0	T1			Γ2	en Vije -	<u>T3</u>		
	ed by: (Sig		Da		WA 4/2	1/2	Tim	3:/3	5	AV	/G Temp °C	4	_				
IM	11/		/	Aqueous, O - Other	110	or Tu	20: 0	alace		nalu/	plastic, ag -	ambor	alaci	- V- VO	۱۸		



Printed: 4/27/2023 12:54:25PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

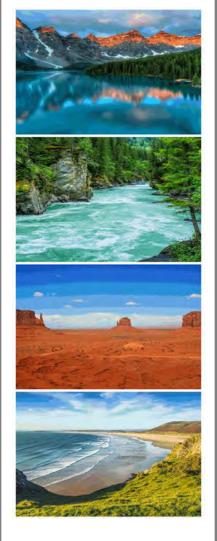
Instructions: Please take note of any NO checkmarks.

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.

	Pi Pi digit Cili					
Client:	Pima Environmental Services-Carlsbad	Date Received:	04/27/23		Work Order ID: E304195	
Phone:	(575) 631-6977	Date Logged In:	04/27/23		Logged In By: Caitlin Christian	
Email:	tom@pimaoil.com	Due Date:	05/03/23	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mat	ch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: C	Courier	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	Carrier. <u>c</u>	<u>Courter</u>	
	I samples received within holding time?	iou unung ses.	Yes			
5. ,, e.e.	Note: Analysis, such as pH which should be conducted in	the field,	100		G	
	i.e, 15 minute hold time, are not included in this disucssion	n.		ı	Comments/Resolution	
	urn Around Time (TAT)				Duningt Diamond DWII 22 111 has been	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU 22 1H has been	
Sample C					separated into 2 reports due to sample	
	ample cooler received?		Yes		volume. Workorders are as follows:	
8. If yes,	was cooler received in good condition?		Yes		E304194 & E304195. Time sampled not	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		provided on COC per client.	
10. Were	custody/security seals present?		No		provided on ede per elient.	
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 are minutes of sampling	received w/i 15	Yes			
	risible ice, record the temperature. Actual sample	temperature. 4 C	<u>c</u>			
Sample C			NI.			
	queous VOC samples present? OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA NA			
			NA			
	trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers?	1				
	appropriate volume/weight or number of sample contain		Yes Yes			
	· · ·	ers conecteur	168			
Field Lab	net in the sample labels filled out with the minimum info	rmation:				
	imple ID?	imation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	he sample have more than one phase, i.e., multiphas	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory_					
	mples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	n: NA	
	struction				****	
Chent III	<u>struction</u>					_

Date

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: Diamond PWU 22 1H

Work Order: E304193

Job Number: 21064-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/3/23

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: 5/3/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Workorder: E304193

Date Received: 4/27/2023 8:15:00AM

Project Name: Diamond PWU 22 1H

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2023 8:15:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

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

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
P1 - 1'	6
P1 - 3'	7
P1 - 4'	8
P1 - 5'	9
P2 - 1'	10
P2 - 3'	11
P2 - 4'	12
P2 - 5'	13
P3 - 1'	14
P3 - 3'	15
P3 - 4'	16
P3 - 5'	17
P4 - 1'	18
P4 - 3'	19
P4 - 4'	20
P4 - 5'	21
P5 - 1'	22
P5 - 3'	23
P5 - 4'	24
SW1	25

# Table of Contents (continued)

	SW2	26
	SW3	27
	SW4	28
Q	C Summary Data	29
	QC - Volatile Organic Compounds by EPA 8260B	29
	QC - Volatile Organics by EPA 8021B	30
	QC - Nonhalogenated Organics by EPA 8015D - GRO	31
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
	QC - Anions by EPA 300.0/9056A	35
D	efinitions and Notes	37
C	nain of Custody etc.	38

#### Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number: 21064-0001		Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/03/23 12:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P1 - 1'	E304193-01A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P1 - 3'	E304193-02A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P1 - 4'	E304193-03A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P1 - 5'	E304193-04A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P2 - 1'	E304193-05A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P2 - 3'	E304193-06A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P2 - 4'	E304193-07A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P2 - 5'	E304193-08A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P3 - 1'	E304193-09A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P3 - 3'	E304193-10A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P3 - 4'	E304193-11A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P3 - 5'	E304193-12A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P4 - 1'	E304193-13A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P4 - 3'	E304193-14A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P4 - 4'	E304193-15A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P4 - 5'	E304193-16A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P5 - 1'	E304193-17A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P5 - 3'	E304193-18A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
P5 - 4'	E304193-19A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW1	E304193-20A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW2	E304193-21A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW3	E304193-22A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.
SW4	E304193-23A	Soil	04/21/23	04/27/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P1 - 1' E304193-01

		E304173-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250		1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250		1	04/27/23	05/01/23	
Toluene	ND	0.0250		1	04/27/23	05/01/23	
o-Xylene	ND	0.0250		1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500		1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		81.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	209	20.0		1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P1 - 3' E304193-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: Г	Y		Batch: 2317065
Benzene	ND	0.0250	1		04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1		04/27/23	05/01/23	
Toluene	ND	0.0250	1		04/27/23	05/01/23	
o-Xylene	ND	0.0250	1		04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1		04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1		04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: Γ	Y		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: J	L		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/29/23	
Surrogate: n-Nonane		88.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: E	A		Batch: 2318011
Chloride	34.9	20.0	1		05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P1 - 4' E304193-03

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0500		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
	107 %	70-130		04/27/23	05/01/23	
	102 %	70-130		04/27/23	05/01/23	
	100 %	70-130		04/27/23	05/01/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
ND	20.0		1	04/27/23	05/01/23	
	107 %	70-130		04/27/23	05/01/23	
	102 %	70-130		04/27/23	05/01/23	
	100 %	70-130		04/27/23	05/01/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
ND	25.0		1	04/27/23	04/29/23	
ND	50.0		1	04/27/23	04/29/23	
	85.3 %	50-200		04/27/23	04/29/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
28.4	20.0		1	05/01/23	05/01/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO7 %         102 %           100 %         100 %           mg/kg         mg/kg           ND         20.0           IO7 %         100 %           mg/kg         mg/kg           ND         25.0           ND         50.0           85.3 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           107 %         70-130           102 %         70-130           100 %         70-130           mg/kg         mg/kg           ND         20.0           107 %         70-130           100 %         70-130           100 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           85.3 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           107 %         70-130           102 %         70-130           100 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           102 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           85.3 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0500         1         04/27/23           ND         0.0250         1         04/27/23           107 %         70-130         04/27/23           102 %         70-130         04/27/23           100 %         70-130         04/27/23           107 %         70-130         04/27/23           102 %         70-130         04/27/23           102 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           ND         25.0         1         04/27/23           ND         50.0         1         04/27/23           85.3 %         50-200	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0500         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           102 %         70-130         04/27/23         05/01/23           102 %         70-130         04/27/23         05/01/23           mg/kg         mg/kg         Analyst: IV           ND         20.0         1         04/27/23         05/01/23           102 %         70-130         04/27/23         05/01/23           102 %         70-130         04/27/23         05/01/23           100 %         70-130         04/27/23         05/01/23           100 %         70-130 </td



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P1 - 5' E304193-04

		Reporting					
Analyte	Result	Limit	Diluti	ion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: IY			Batch: 2317065
Benzene	ND	0.0250	1	04	4/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04	4/27/23	05/01/23	
Toluene	ND	0.0250	1	04	4/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04	4/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04	4/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04	4/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04	4/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04	4/27/23	05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04	4/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04	4/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04	4/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04	4/27/23	05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04	4/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04	4/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04	4/27/23	04/29/23	
Surrogate: n-Nonane		85.8 %	50-200	04	4/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2318011
Chloride	ND	20.0	1	05	5/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P2 - 1' E304193-05

		2001170 00					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250	1	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	2150	20.0		1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P2 - 3' E304193-06

		200.170 00				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	-
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		83.2 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2318011
Chloride	634	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P2 - 4'

E304193-07							
Reporting							
Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2317065	
ND	0.0250	1	04/2	7/23	05/01/23		
ND	0.0250	1	04/2	7/23	05/01/23		
ND	0.0250	1	04/2	7/23	05/01/23		
ND	0.0250	1	04/2	7/23	05/01/23		
ND	0.0500	1	04/2	7/23	05/01/23		
ND	0.0250	1	04/2	7/23	05/01/23		
	107 %	70-130	04/2	7/23	05/01/23		
	110 %	70-130	04/2	7/23	05/01/23		
	100 %	70-130	04/2	7/23	05/01/23		
mg/kg	mg/kg	A	Analyst: IY			Batch: 2317065	
ND	20.0	1	04/2	7/23	05/01/23		
	107 %	70-130	04/2	7/23	05/01/23		
	110 %	70-130	04/2	7/23	05/01/23		
	100 %	70-130	04/2	7/23	05/01/23		
mg/kg	mg/kg	A	Analyst: JL			Batch: 2317059	
ND	25.0	1	04/2	7/23	04/29/23		
ND	50.0	1	04/2	7/23	04/29/23		
	83.3 %	50-200	04/2	7/23	04/29/23		
mg/kg	mg/kg	F	Analyst: BA			Batch: 2318011	
	mg/kg  ND	Result   Limit	Reporting           Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           110 %         70-130         1           100 %         70-130         1           ND         20.0         1           110 %         70-130         1           100 %         70-130         1           mg/kg         mg/kg         mg/kg           ND         25.0         1           ND         50.0         1           83.3 %         50-200	Reporting           Mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/2           ND         0.0250         1         04/2           ND         0.0250         1         04/2           ND         0.0250         1         04/2           ND         0.0500         1         04/2           ND         0.0500         1         04/2           ND         0.0250         1         04/2           110%         70-130         04/2           110%         70-130         04/2           100%         70-130         04/2           100%         70-130         04/2           110%         70-130         04/2           100%         70-130         04/2           100%         70-130         04/2           100%         70-130         04/2           100%         70-130         04/2           ND         25.0         1         04/2           ND         50.0         1         04/2           83.3%         50-200         04/2	Reporting           Mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0500         1         04/27/23           ND         0.0500         1         04/27/23           ND         0.0250         1         04/27/23           100 %         70-130         04/27/23           110 %         70-130         04/27/23           100 %         70-130         04/27/23           110 %         70-130         04/27/23           110 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %	Reporting           Result         Limit         Dilution         Prepared         Analyzed           Mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0500         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           107 %         70-130         04/27/23         05/01/23           110 %         70-130         04/27/23         05/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         04/27/23         05/01/23           110 %         70-130         04/27/23         05/01/23           110 %         70-130         04/27/23         05/01/23           110 %         70-130         04/27/23         05/01/23           mg/kg         mg/kg         Analyst: JL           ND	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P2 - 5' E304193-08

		E304193-08					
	D 1	Reporting					N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250	1	l	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	l	04/27/23	05/01/23	
Toluene	ND	0.0250	1	l	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	l	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	l	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.5 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.5 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/29/23	
Surrogate: n-Nonane		85.1 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	ND	20.0	1	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P3 - 1' E304193-09

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250		1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250		1	04/27/23	05/01/23	
Toluene	ND	0.0250		1	04/27/23	05/01/23	
o-Xylene	ND	0.0250		1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500		1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.7 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.7 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		86.6 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
	1080	20.0		1	05/01/23	05/01/23	<del>-</del>

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P3 - 3' E304193-10

		200.170.10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
				1	7 mary zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.5 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.5 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		85.7 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2318011
Chloride	456	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P3 - 4'

E304193-11						
Reporting						
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.7 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.7 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		85.0 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318011



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P3 - 5' E304193-12

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250	1	[	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	l	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	l	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	l	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/27/23	04/29/23	
Surrogate: n-Nonane		83.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	<u> </u>	Analyst:	BA		Batch: 2318011
Chloride	ND	20.0	1		05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P4 - 1' E304193-13

	D 1	Reporting			D 1		N .
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250	1	l	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	[	04/27/23	05/01/23	
Toluene	ND	0.0250	1	l	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	l	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	l	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	l	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.2 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.2 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/27/23	04/29/23	
Surrogate: n-Nonane		84.1 %	50-200	·	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	1050	20.0	1	l	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P4 - 3' E304193-14

	Reporting	5.1				
Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
ND	0.0500		1	04/27/23	05/01/23	
ND	0.0250		1	04/27/23	05/01/23	
	107 %	70-130		04/27/23	05/01/23	
	109 %	70-130		04/27/23	05/01/23	
	99.4 %	70-130		04/27/23	05/01/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
ND	20.0		1	04/27/23	05/01/23	
	107 %	70-130		04/27/23	05/01/23	
	109 %	70-130		04/27/23	05/01/23	
	99.4 %	70-130		04/27/23	05/01/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
ND	25.0		1	04/27/23	04/29/23	
ND	50.0		1	04/27/23	04/29/23	
	85.3 %	50-200		04/27/23	04/29/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
486	20.0		1	05/01/23	05/01/23	<del></del>
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO7 %         109 %           99.4 %         99.4 %           mg/kg         mg/kg           ND         20.0           107 %         109 %           99.4 %         99.4 %           mg/kg         mg/kg           ND         25.0           ND         50.0           85.3 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         70-130           109 %         70-130           99.4 %         70-130           mg/kg         mg/kg           ND         20.0           107 %         70-130           99.4 %         70-130           99.4 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           85.3 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           107 %         70-130           109 %         70-130           99.4 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           107 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           85.3 %         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0250         1         04/27/23           ND         0.0500         1         04/27/23           ND         0.0250         1         04/27/23           107 %         70-130         04/27/23           109 %         70-130         04/27/23           99.4 %         70-130         04/27/23           107 %         70-130         04/27/23           109 %         70-130         04/27/23           109 %         70-130         04/27/23           109 %         70-130         04/27/23           109 %         70-130         04/27/23           109 %         70-130         04/27/23           109 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23           100 %         70-130         04/27/23 </td <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23         05/01/23           ND         0.0500         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           mg/kg         mg/kg         Analyst: IX           ND         20.0         1         04/27/23         05/01/23           107 %         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           109 %         70-130</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         04/27/23         05/01/23           ND         0.0500         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         0.0250         1         04/27/23         05/01/23           ND         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           mg/kg         mg/kg         Analyst: IX           ND         20.0         1         04/27/23         05/01/23           107 %         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           109 %         70-130         04/27/23         05/01/23           109 %         70-130



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P4 - 4' E304193-15

	_	Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250		1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250		1	04/27/23	05/01/23	
Toluene	ND	0.0250		1	04/27/23	05/01/23	
o-Xylene	ND	0.0250		1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500		1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		86.6 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	101	20.0		1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P4 - 5' E304193-16

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/2	3 05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/2	3 05/01/23	
Toluene	ND	0.0250	1	04/27/2	3 05/01/23	
o-Xylene	ND	0.0250	1	04/27/2	3 05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/2	3 05/01/23	
Total Xylenes	ND	0.0250	1	04/27/2	3 05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/27/2	3 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/27/2	3 05/01/23	
Surrogate: Toluene-d8		99.4 %	70-130	04/27/2	3 05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/2	3 05/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/27/2	3 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/27/2	3 05/01/23	
Surrogate: Toluene-d8		99.4 %	70-130	04/27/2	3 05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/2	3 04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/2	3 04/29/23	
Surrogate: n-Nonane		88.0 %	50-200	04/27/2	3 04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318011

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P5 - 1'

		E304193-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2317065
Benzene	ND	0.0250		1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250		1	04/27/23	05/01/23	
Toluene	ND	0.0250		1	04/27/23	05/01/23	
o-Xylene	ND	0.0250		1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500		1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.4 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		98.4 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Љ		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		92.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2318011
Chloride	182	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P5 - 3' E304193-18

		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2317065
Benzene	ND	0.0250	1	(	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	(	04/27/23	05/01/23	
Toluene	ND	0.0250	1	(	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	(	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	(	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	(	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	(	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	(	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.8 %	70-130	(	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY			Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	(	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	(	04/27/23	05/01/23	
Surrogate: Toluene-d8		99.8 %	70-130	(	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL			Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	(	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	(	04/27/23	04/29/23	
Surrogate: n-Nonane		87.9 %	50-200	(	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA			Batch: 2318011
Chloride	51.2	20.0	1		05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### P5 - 4'

		E304193-19				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		98.8 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		98.8 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.9 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2318011
Chloride	ND	20.0	1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### SW1 E304193-20

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250		1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250		1	04/27/23	05/01/23	
Toluene	ND	0.0250		1	04/27/23	05/01/23	
p-Xylene	ND	0.0250		1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500		1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		101 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		101 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		87.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	ND	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### SW2 E304193-21

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2317083
Benzene	ND	0.0250	1	04/28/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/01/23	
Toluene	ND	0.0250	1	04/28/23	05/01/23	
o-Xylene	ND	0.0250	1	04/28/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		84.7 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2318010
Chloride	ND	20.0	1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### SW3

#### E304193-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2317083
Benzene	ND	0.0250	1	04/28/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/01/23	
Toluene	ND	0.0250	1	04/28/23	05/01/23	
o-Xylene	ND	0.0250	1	04/28/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		87.5 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2318010
imons by Elife Colors Cecil						



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

#### SW4

#### E304193-23

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2317083
Benzene	ND	0.0250	1	04/28/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/01/23	
Toluene	ND	0.0250	1	04/28/23	05/01/23	
o-Xylene	ND	0.0250	1	04/28/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		86.4 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2318010
Chloride	ND	20.0	1	05/01/23	05/02/23	



#### **QC Summary Data**

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/3/2023 12:19:12PM **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 (2317065-BLK1) Prepared: 04/27/23 Analyzed: 05/01/23 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 0.521 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.555 0.500 111 70-130 0.500 97.6 70-130 Surrogate: Toluene-d8 0.488 LCS (2317065-BS1) Prepared: 04/27/23 Analyzed: 05/01/23 2.43 0.0250 2.50 97.4 70-130 Benzene 2.50 70-130 2.38 95.2 Ethylbenzene 0.0250 2.40 0.0250 2.50 96.0 70-130 2.38 70-130 0.0250 2.50 95.2 o-Xylene 4.69 5.00 93.8 70-130 p,m-Xylene 0.0500 7.07 0.0250 7.50 94.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.539 0.500 108 70-130 0.500 112 70-130 Surrogate: 1,2-Dichloroethane-d4 0.559 70-130 Surrogate: Toluene-d8 0.496 0.500 Matrix Spike (2317065-MS1) Source: E304193-05 Prepared: 04/27/23 Analyzed: 05/01/23 2.54 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.8 99.3 48-130 Toluene 2.48 0.0250 2.50 ND 2.46 0.0250 2.50 ND 98.3 43-135 o-Xylene 4.87 5.00 ND 97.5 43-135 p,m-Xylene 0.0500 Total Xylenes 7.33 0.0250 7.50 ND 97.8 43-135 Surrogate: Bromofluorobenzene 0.524 0.500 105 70-130 0.500 114 70-130 Surrogate: 1,2-Dichloroethane-d4 0.568 0.500 70-130 0.490 Surrogate: Toluene-d8 Matrix Spike Dup (2317065-MSD1) Source: E304193-05 Prepared: 04/27/23 Analyzed: 05/02/23 2.44 0.0250 2.50 ND 97.6 48-131 3.84 23 2.45 0.0250 2.50 ND 97.8 45-135 1.02 27 Ethylbenzene ND 97.6 48-130 1.75 24 2.44 2.50 Toluene 0.0250 o-Xylene 2.45 0.0250 2.50 ND 97.9 43-135 0.428 27 4.82 5.00 ND 96.4 43-135 27 1.14 p,m-Xylene 0.0500 27 7.27 0.0250 7.50 ND 96.9 43-135 0.897 Total Xylenes



0.500

0.500

0.500

109

110

101

70-130

70-130

70-130

0.547

0.552

0.504

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/3/2023 12:19:12PM **Volatile Organics by EPA 8021B** 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 (2317083-BLK1) Prepared: 04/28/23 Analyzed: 05/01/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 95.3 70-130 LCS (2317083-BS1) Prepared: 04/28/23 Analyzed: 05/01/23 4.54 90.8 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.75 0.0250 5.00 95.0 70-130 4.81 0.0250 5.00 96.2 70-130 Toluene 97.1 o-Xylene 4.86 0.0250 5.00 70-130 10.0 70-130 9.66 0.0500 96.6 p.m-Xvlene 96.7 70-130 14.5 15.0 Total Xylenes 0.0250 8.00 95.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 Matrix Spike (2317083-MS1) Source: E304193-21 Prepared: 04/28/23 Analyzed: 05/01/23 4.99 0.0250 5.00 ND 54-133 Benzene ND 104 61-133 Ethylbenzene 5.19 0.0250 5.00 Toluene 5.28 0.0250 5.00 ND 106 61-130 5.31 ND 63-131 5.00 106 0.0250 o-Xylene p,m-Xylene 10.5 0.0500 10.0 ND 105 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.65 8.00 Matrix Spike Dup (2317083-MSD1) Source: E304193-21 Prepared: 04/28/23 Analyzed: 05/01/23 4.39 0.0250 5.00 ND 87.7 54-133 12.8 61-133 12.3 4.59 0.0250 5.00 ND 91.8 20 Ethylbenzene 61-130 Toluene 4 64 0.0250 5.00 ND 929 12.8 20 4.70 5.00 ND 94.0 63-131 12.2 20 o-Xylene 0.0250 9.34 10.0 ND 93.4 63-131 12.1 20 p,m-Xylene 0.0500 Total Xylenes 14.0 0.0250 15.0 ND 93.6 63-131 12.1 20

8.00

95.7

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.65

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 21064-0001 5/3/2023 12:19:12PM Plains TX, 79355-0247 Project Manager: Tom Bynum

Nonhalogenated Organics by EPA 8015D - GRO								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

Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317065-BLK1)							Prepared: 0	4/27/23 Analy	yzed: 05/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.555		0.500		111	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			
LCS (2317065-BS2)							Prepared: 0	4/27/23 Analy	yzed: 05/01/23
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.556		0.500		111	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
Matrix Spike (2317065-MS2)				Source:	E304193-	05	Prepared: 0	4/27/23 Analy	yzed: 05/02/23
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.546		0.500		109	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike Dup (2317065-MSD2)				Source:	E304193-	05	Prepared: 0	4/27/23 Analy	yzed: 05/02/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130	2.00	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				5	/3/2023 12:19:12PM
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit	Nata
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	90	%	Notes
Blank (2317083-BLK1)							Prepared: 0	4/28/23 Ana	alyzed: 05/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			
LCS (2317083-BS2)							Prepared: 0	4/28/23 Ana	alyzed: 05/01/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
Matrix Spike (2317083-MS2)				Source:	E304193-2	21	Prepared: 0	4/28/23 Ana	alyzed: 05/01/23
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			
Matrix Spike Dup (2317083-MSD2)				Source:	E304193-2	21	Prepared: 0	4/28/23 Ana	alyzed: 05/01/23
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	70-130	10.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:19:12PN
	Nonha	logenated Or	ganics by	EPA 8015I	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 (2317059-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.5		50.0		89.0	50-200			
LCS (2317059-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
urrogate: n-Nonane	45.0		50.0		90.0	50-200			
Matrix Spike (2317059-MS1)				Source:	E304193-	10	Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
urrogate: n-Nonane	42.2		50.0		84.4	50-200			
Matrix Spike Dup (2317059-MSD1)				Source:	E304193-	10	Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	0.824	20	
'urrogate: n-Nonane	44.2		50.0		88.4	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:19:12PM
	Nonha	logenated Or	ganics by l	EPA 8015I	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 (2317063-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.9		50.0		89.9	50-200			
LCS (2317063-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			
Matrix Spike (2317063-MS1)				Source:	E304195-3	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			
Matrix Spike Dup (2317063-MSD1)				Source:	E304195-3	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	3.50	20	
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			

Chloride

# **QC Summary Data**

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Diamond PWU 22 1H 21064-0001	Reported:					
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM					
A.: L., EDA 200 0/005CA								

Plains TX, 79355-0247		Project Manager	1. 10	m Bynum					/3/2023 12:19:12PI
		Anions	by EPA 3	00.0/9056	<b>\</b>				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2318010-BLK1)							Prepared: 0	5/01/23 Ana	alyzed: 05/02/23
Chloride	ND	20.0							
LCS (2318010-BS1)							Prepared: 0	5/01/23 Ana	alyzed: 05/02/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2318010-MS1)				Source:	E304193-2	21	Prepared: 0	5/01/23 Ana	alyzed: 05/02/23
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2318010-MSD1)				Source:	E304193-	21	Prepared: 0	5/01/23 Ana	alvzed: 05/02/23

250

80-120

20.0



Pima Environmental Services-Carlsbad	1	Project Name:		Diamond PWU	22 1H				Reported:
PO Box 247		Project Number:		1064-0001					
Plains TX, 79355-0247		Project Manager:	7	om Bynum					5/3/2023 12:19:12PM
		Anions	by EPA	<b>300.0/9056</b> <i>A</i>	<b>\</b>				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 (2318011-BLK1)							Prepared: 0	05/01/23	Analyzed: 05/01/23
Chloride	ND	20.0							
LCS (2318011-BS1)							Prepared: (	05/01/23	Analyzed: 05/01/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2318011-MS1)				Source:	E304193-0	)1	Prepared: (	05/01/23	Analyzed: 05/01/23
Chloride	456	20.0	250	209	98.9	80-120			
Matrix Spike Dup (2318011-MSD1)				Source:	E304193-0	)1	Prepared: (	05/01/23	Analyzed: 05/01/23
Chloride	439	20.0	250	209	91.8	80-120	3.95	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/03/23 12:19

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



**Project Information** 

Chain of Custody

Client: D	ima Envir	onment	al Servi	res	Bill To	100011-000			La	b Us	e On	ly				TA	T	EPA P	rogram
Project: 1	Dtomor	J DI	N) 7	2 14	Attention:		Lab	WO#			Job I	Vuml	er	1D	2D	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num		Address:		E3	1405	93		210	404	1000				X		
Address:	5614 N.	Lovingto	on Hwy.		City, State, Zip						Analy	sis ar	d Metho	d					RCRA
	e, Zip Ho				Phone:														
	580-748-			*	Email:		015	015									1111 60	State	LTVI
	tom@pim		n		Pima Project # ]-781-	3	by 8	by 8	121	99	01	0.00		Σ	¥			UT AZ	IX
Report d	ue by:				Pilita Ploject# ]= Col ;	The second secon	8	ORO	3y 8C	y 82	s 60.	de 3					X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
7	4/21/23	Soil	1		P1-1'	1								X					
		1	11		P1-31	2								$\parallel$					
				7	P1-4'	3													
					PI-5'	4													
					P2-11	5													
					P2-3'	6													
					p2-41	7													
					P3-50 P2-51	8													
					P3-1'	9								1	1				
	1	1	++		P3-3'	10		T						1	-				
Additio	nal Instruc	tions:	1	L	130			-	1	_		1	11		-				
					m aware that tampering with or intentionally mist al action. <u>Sampled by:</u>	abelling the samp	ole local	tion,									eceived on ice the day 6°C on subsequent o		oled or received
			Da	d may be grounds for legate	Received by: (Signature)	Date		Time					77.57		Lab	Use O	nly		
Relinquis	hed by: (Sign	/	× . L	F2623 133	D Mille Cur	- 4.2	(vil)	1	332	)	Red	ceive	d on ice		Y		** - x		
	hed by: (Sign	ature) [	Da	te Time 1.7	Received by: (Signature)	0	612	T1	13	0	T1			T2	t		T3		
400	thed by: (Sign	unge	Da		Recived by (Signature)	Date ,	1	Tim	e		1	-							
Keilnquis	A L	1		1/27/23	15 (arth Cht	4/27	123		:/5		AV	G Te	mp °C_	1_			1/2		
Sample M	atrix: 5 - Soil,	Sd - Solid, Se	g - Sludge, A	- Aqueous, O - Other		Contain	er Typ	pe: g	- glass	, p -	poly/	plasti	c, ag - am	liont o	vnor	o The	report for the ar	alveis of the	e ahove
Note: Sa	mples are dis	scarded 30	days after	results are reported u	nless other arrangements are made. Hazar ratory with this COC. The liability of the labo	ous samples w	nn be r I to the	eturn	eo to c unt pai	id for	on the	repo	or at the t rt.	ment e	vhens	c. The	report for the ar	raiyaia Oi Cili	Capove



Tiont. D	ima Envir	onmon	tal Sand	202	Bill To		10		La	b Us	e Onl	y				AT	EPA P	rogram
Project:	Dia Envi	\$ PU	JU 22	. 14	Attention:		Lab	WO#			Job N	lumber ,	10	20	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num		Address:	_	E	JH1	45			64-0001	-			X		RCRA
	5614 N.				City, State, Zip						Analy	sis and Meth	00	Т	_	To at	4	KCKA
	e, Zip Ho		И. 88240	<u> </u>	Phone: Email:		ın	ın					1				State	
	580-748- tom@pin		m				801	801	,			0.0				NM C	UT AZ	TX
Report d		iaon.coi			Pima Project #\-28\-3		30 by	30 by	/ 802	8260	6010	e 300		1		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	000	Donog Journal	200		Remarks	
	4/2/23	Soul		I	73-41	11							)	<				
			1	T	73-41	12							1					
					74-11	13												
				Ŧ	74-31	14												
				Ŧ	24-41	15											and the best state of the second	
				P	4-51	16								1				
				P	5-11	17								Д				
				P	5-31	18												
				R	5-31 5-41	19								$\prod$			1	
	L	1	-		,w1	20								1				
Additio	nal Instru	ctions:	-															
					am aware that tampering with or intentionally misla	belling the samp	ple loca	tion,								received on ice the o		pled or received
			red fraud and	I may be grounds for le	Received by: (Signature)	Date		Tim	e		1			Lak	Use C	Only		-
10	hed by: (sign	1 ()	. 4	26-73 13.	30 Michelletungs	4.31		Tien	330	7	Rec	eived on ic	e:	0	N			
Mai	hed by: (Sign	devices	Da L	2623 1	Received by: (Signature)	Date 4/1	242	3	13	0	<u>T1</u>			2		<u>T3</u>		
Relinquis	hed by: Sign	nature	Da		Received by: (Signature)	- 4/2	7/23	3 8	3:/3			G Temp °C_	4					
Sample M	atrix: 5 - Soil,	Sd - Solid, S	g - Sludge, A	- Aqueous, O - Other _		Contair	ner Ty	pe: g	- glass	, p -	poly/p	olastic, ag - a	mber	glass	, v - VO	A sound for the	analysis of the	a about
Mator Ca	mplac ara di	carded 30	days after	results are reported	unless other arrangements are made. Hazard	ous samples w	vill be r	eturn	ed to c	lient	or disp	osed of at the	client	expe	nse. In	e report for the	analysis of th	e above
samples	is applicable	only to th	ose sample	s received by the lab	oratory with this COC. The liability of the labora	atory is innited	, to the	anno	ant ha	101	on the	тероге		-			-	



**Project Information** 

	-		10		Bill To	arranti e e e e e e e e e e e e e e e e e e e			La	b Us	e On	ly			TAT		EPA P	ogram
lient: P	ima Envir Diamo	onment	al Service	es III	Attention:		Lab	WO#			Job N	Number	1D	2D	3D 3	Standard	CWA	SDWA
roject:	lanager:	Tom By	num	2 17	Address:		E3	304	119	3	210	Number 164-000/				Y	1	
ddress:	5614 N.	Lovinate	n Hwy.		City, State, Zip					/	Analy	sis and Metho	d					RCRA
	e, Zip Ho				Phone:												State	
	580-748-1				Email:		3015	3015				0	1			NMI CO	UT AZ	TXI
	tom@pim	aoil.con	n		Pima Project # 1-281-	3	y o	yd C	8021	260	010	300.	Z	*		×		
eport d	Date		No of			Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	верос			Remarks	
Sampled	Sampled	Matrix	No. of Containers	Sample ID		Number	DRC	GRC	BTE	Š	Me	5	BG	986	-		11-11-11-11-1	
	4/21/23	()			SW 2.	21							Y					
	410103	Soil	i		SW 3	22							1				William Co.	
		11.7					-	-	-	_	-		+	-		+	-	
	1	1			Swy	23							1	+				
_			-	1														
									_				-			_		
					+													
		-	-		The second secon													
							N.	-		_	_		-	-				
									1									
			-				+	+	1									
																	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
					the turner		-	+	-	-	+	+++	+	+				
6 d dist-		4:		1					٠	-					<del></del>			
	nal Instruc															-1-1-4-4		alad as sassium
					I am aware that tampering with or intentionally mi	slabelling the sam	ole loca	tion,				ples requiring therma ed in ice at an avg te						oled of Teceive
				may be grounds for		Date		Time			12,01				se Onl		90	
/ /	ed by Bign	ature)	, Dat	1-26-23 Time	Received by: (Signature)	- 4.20	23	1	374	)	Re	ceived on ice		Y)/ N				
Relinquis	ned by: (Sign		Dat	e Time	- 1 11 10:	Date	612	3 Time	73	0	T1		T2			<u></u>		
MW	had by (Ci-	Livy-	Dat	LCJ3 1		Date /	77	Tim		_	7		,	-				
Kelinquis	hed by: (Sign	die	4	197113	215 10.46/1/2	£ 4/2	7/23	3 5	3.13	5	AV	G Temp °C_4	4				-	
	1-00			Aqueous, O - Other	1 ming	Contain	er Tv	ne g	plass	n - 1	noly/	plastic, ag - an	her g	ass. v	- VOA			



envirotech Inc.

Printed: 4/27/2023 12:41:18PM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

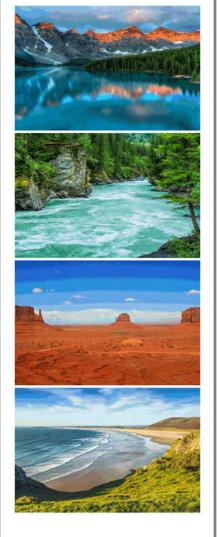
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/27/23 08	8:15		Work Order ID:	E304193
Phone:	(575) 631-6977	Date Logged In:	04/27/23 08	8:32		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/03/23 1	7:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al	Custody (COC)  The sample ID match the COC?  The number of samples per sampling site location manaples dropped off by client or carrier?  The COC complete, i.e., signatures, dates/times, requestly samples received within holding time?  Note: Analysis, such as pH which should be conducted in ite, 15 minute hold time, are not included in this disucssion.	sted analyses?	Yes Yes Yes No Yes	Carrier: <u>C</u>	<u>Courier</u>	<u>Comment</u>	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sam	npled not provi	ded on COC per
	COC indicate standard TAT, or Expedited TAT?		ies		client.	ipi <b>ca</b> not provi	add on coc pu
Sample C	ample cooler received?		Yes		CHEIII.		
	was cooler received in good condition?		Yes				
• /	e sample(s) received intact, i.e., not broken?						
	* *,		Yes				
	custody/security seals present?		No				
12. Was the	were custody/security seals intact?  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  //isible ice, record the temperature. Actual sample	e received w/i 15	NA Yes <u>C</u>				
Sample C	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 contain		Yes				
Sa D	oel_ field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No				
	reservation		140				
	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
Subcontr 28. Are sa	act Laboratory  umples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	ry?	No	Subcontract Lab	o: na		
Client In	<u>struction</u>						
L_							

Date

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

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: Diamond PWU 22 1H

Work Order: E306070

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306070

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

Lynn Jarbuc

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

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

# Table of Contents (continued)

	QC - Volatile Organics by EPA 8021B	25
	QC - Nonhalogenated Organics by EPA 8015D - GRO	26
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	27
	QC - Anions by EPA 300.0/9056A	28
D	efinitions and Notes	29
C	hain of Custody etc.	30

### **Sample Summary**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum06/12/23 16:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1 CS	E306070-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
2 CS	E306070-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
3 CS	E306070-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
4 CS	E306070-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
5 CS	E306070-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
6 CS	E306070-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
7 CS	E306070-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
8 CS	E306070-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
9 CS	E306070-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
10 CS	E306070-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
11 CS	E306070-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
12 CS	E306070-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
13 CS	E306070-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
14 CS	E306070-14A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
15 CS	E306070-15A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
16 CS	E306070-16A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
17 CS	E306070-17A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
18 CS	E306070-18A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
19 CS	E306070-19A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
20 CS	E306070-20A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 1 CS

E3060	)70-	01
-------	------	----

		L500070 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 2 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		56.9 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 3 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		56.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	<del></del>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### **4 CS**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### **5 CS**

		ъ «				
Analysta	Result	Reporting Limit	Dilution	Duamanad	Amalyzad	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		79.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

6 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		74.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 7 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		80.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	_

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 8 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		81.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	<del></del>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 9 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 10 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 11 CS

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		69.2 %	50-200	06/08/23	06/09/23	
A: b EDA 200 0/005/ A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2323062
Anions by EPA 300.0/9056A	- U					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 12 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		71.2 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 13 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		60.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 15 CS

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 16 CS

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		60.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 17 CS

		ъ «:				
Austra	D14	Reporting Limit	Dilution	D 1	A l	Nister
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0		06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 18 CS

		ъ «:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Ananyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		80.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 19 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		81.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	<del></del>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

### 20 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2323057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		82.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	_



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 4:09:00PM **Volatile Organics by EPA 8021B** 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 (2323057-BLK1) Prepared: 06/08/23 Analyzed: 06/09/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.98 8.00 99.7 70-130 LCS (2323057-BS1) Prepared: 06/08/23 Analyzed: 06/09/23 4.85 97.1 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.81 0.0250 5.00 96.3 70-130 4.97 0.0250 5.00 99.5 70-130 Toluene 99.3 o-Xylene 4.96 0.0250 5.00 70-130 9.79 10.0 97.9 70-130 0.0500 p.m-Xvlene 98.4 70-130 14.8 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 Matrix Spike (2323057-MS1) Source: E306070-07 Prepared: 06/08/23 Analyzed: 06/09/23 5.06 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.03 0.0250 5.00 101 Toluene 5.20 0.0250 5.00 ND 104 61-130 5.17 ND 103 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.99 8.00 Matrix Spike Dup (2323057-MSD1) Source: E306070-07 Prepared: 06/08/23 Analyzed: 06/09/23 5.16 0.0250 5.00 ND 54-133 2.04 20 61-133 1.50 5.11 0.0250 5.00 ND 102 20 Ethylbenzene 61-130 Toluene 5 30 0.0250 5.00 ND 106 1.80 20 5.26 5.00 ND 105 63-131 1.72 20 o-Xylene 0.0250 10.4 10.0 ND 104 63-131 1.59 20 p,m-Xylene 0.0500 Total Xylenes 15.6 0.0250 15.0 ND 104 63-131 1.63 20

8.00

101

70-130



Surrogate: 4-Bromochlorobenzene-PID

8.09

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6/12	/2023 4:09:00PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		1	Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2323057-BLK1)							Prepared: 0	6/08/23 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			
LCS (2323057-BS2)							Prepared: 0	6/08/23 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			
Matrix Spike (2323057-MS2)				Source:	E306070-	07	Prepared: 0	6/08/23 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
Matrix Spike Dup (2323057-MSD2)				Source:	E306070-	07	Prepared: 0	6/08/23 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.6	70-130	3.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/12/2023 4:09:00PM
	Nonhal	logenated Or	ganics by l	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 (2323067-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	33.2		50.0		66.4	50-200			
.CS (2323067-BS1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
riesel Range Organics (C10-C28)	234	25.0	250		93.7	38-132			
urrogate: n-Nonane	35.1		50.0		70.3	50-200			
Matrix Spike (2323067-MS1)				Source:	E306070-	12	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
viesel Range Organics (C10-C28)	239	25.0	250	ND	95.7	38-132			
urrogate: n-Nonane	35.2		50.0		70.3	50-200			
Matrix Spike Dup (2323067-MSD1)				Source:	E306070-	12	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
tiesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	5.19	20	
urrogate: n-Nonane	32.8		50.0		65.6	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	1 Tojevi I tumo.				ond PWU 22 1H							
Plains TX, 79355-0247		Project Manager		om Bynum					6/12/2023 4:09:00PM					
		Anions	by EPA	300.0/9056	4				Analyst: RAS					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes					
Blank (2323062-BLK1)							Prepared: 0	6/09/23 A	Analyzed: 06/09/23					
Chloride	ND	20.0												
LCS (2323062-BS1)							Prepared: 0	6/09/23 A	Analyzed: 06/09/23					
Chloride	255	20.0	250		102	90-110								
Matrix Spike (2323062-MS1)				Source:	E306070-0	)1	Prepared: 0	6/09/23 A	Analyzed: 06/09/23					
Chloride	250	20.0	250	ND	100	80-120								
Matrix Spike Dup (2323062-MSD1)				Source:	E306070-0	)1	Prepared: 0	6/09/23 A	Analyzed: 06/09/23					
Chloride	253	20.0	250	ND	101	80-120	0.990	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 16:09

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.



Projec	t Inforn	nation
Flojec	Limori	nation
×1)		
Client	D:	

Chain of Custody

		111
Page _	of_	10

Client: P	ima Env	ironmen	tal Servi	ces		Bill To		10.20		La	b Us	e On	ly				TA	T		EPA Pi	ogram
Project:	Diam	ma Yu	NU 22:	1 H	1000	ention: Devon		Lab	WO#			Job 1	Vum			2D		100	d	CWA	SDWA
Address:	5614 N	Tom By Lovingt	num on Hww		11 17 Oak 12	dress: y, State, Zip		E	sort	070				7000	X				37.00		D CD A
		obbs. NI				one:		-	1	<u> </u>		Analy	sis a	nd Method			П				RCRA
Phone: 8			VI. 002-10			nail:		10	Ŋ											State	-
		naoil.cor	n		0.1709			801	801	н			0.					NMI	col	UT AZ	TX
Report d	ue by:				P	ma Project # 1-781-3		lo by	10 by	802	8260	9010	300		Z	7		x			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
1:00	618	5		+ C	5		1	,							X						
8:05				2 0	S		2														
8:10				3 C	S		3														
8:15				4 c	S		Ч														
8:20				50	S		5														
8:75				60	5		U														
8:30				7 0	S		7								1						1
8:35				80	S		8														
9:40				90	2.		9														
P:45	f	1	1	18 C	5		10								1						
Additiona						H21145598															
date or time	of collection	is considered		ticity of this sample may be grounds for		that tampering with or intentionally mislal Sampled by:	belling the sample	e locati	on,					iring thermal part an avg temp							ed or received
Relinguishe	me A	game	Date	18/23	200	Received by: (Signature)	Date Ce-8	23	Time	100		Rece	eivec	l on ice:	4	ab U	se On	ly			- (- (-)
Relinquishe AUCU	pa t	eery	Date	-8-23 Tim	115	Received by: (Signature)	Date 6-8-		Time	33	D	T1			T2	,		<u>T3</u>			
Relinquishe	d by: (Signa	MUSO	Date		الم	Received by: (Signature)	Date 19/	1	Time	0		AVG	Ten	1p°c_4	, VI				20		
sample Matri	x: S - Soil, Sc	- Solid, Sg -	Sludge, K - A	Aqueous, O - Other			Containe	r Type	e: g -	glass, p	<b>p</b> - po	oly/pl	astic	ag - ambe	er gla	ss, v -	VOA				
Note: Samp	les are disc	arded 30 da	ays after re	sults are reporte	d unless ot	ner arrangements are made. Hazardo	us samples will	be re	turnec	to clie	ent or	dispo	sed o	f at the clie	nt exp	ense.	The r	eport for the	anal	sis of the	above
samples is a	pplicable o	nly to those	e samples r	received by the la	boratory w	ith this COC. The liability of the labora	tory is limited t	o the a	amour	nt paid	for o	n the r	epor	t.							



Project	Information
*	Pima Envir

Chain of Custody

_		10
Page	_ of _	10

Received by OCD: 2/17/2025 9:13:02 AM

Client: P	ima Env	ironmen	tal Serv	ices	Bill To		- 80		Lal	b Us	se Onl	٧	A			TA	T		EPA P	rogram
	Diamon			1H	Attention: Devon		Lab	WO#		i je	Job N	luml			2D	3D	Stand	ard	CWA	SDWA
	Manager:				Address:		ES	2005	070	)	00	58·	7000	X						
	5614 N				City, State, Zip						Analys	is ar	d Method				1.0			RCRA
	e, Zip H		И. 88240	)	Phone:												975	July 24		
	580-748-				Email:		315	315											State	
	tom@pir	1aoil.com	n		Pima Project # 1-281-	2	)y 8(	3y 8(	21	0		0.0		NM			NIV	1 CO	UT AZ	TX
Report d					Tima rioject# [-Ci ]-		80	RO	7 80	82E	601	e 30			¥		X			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ Ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос				Remarks	
8:50	618	5		1( .		11								X						
8:95	1			12		12								1						
9:00				13	90	13														
9:05				14		14								1						
a:10				15		15								1						
9:15				16		16														
9:20				17		17														
9:25				18		18								1						
9:30				19		19														
9:35	1	l	1	20		20								1						
Addition					3#211455															
date or time	of collection	is considered	and authent I fraud and r	ticity of this sample may be grounds for	e. I am aware that tampering with or intentionally misl legal action. <u>Sampled by:</u>	labelling the sample	e locatio	on,					ing thermal pro t an avg temp a							ad or received
Relinduishe	ine !	Horam	Date	18/23 2	Received by: (Signature)	Date 6-8-	1)	Time	POD		Rece	ived	on ice:			se Onl	у		8	- 1
	ulpe	Convil	Date e	7 4	715 ANDRA MUSSO	Date		Time,	83	Ò	T1			T2	λM		<u>T3</u>			
Relinquishe		ture) U	Date		Received by: (Signature)	- 10/9/2	23	Time	:00		AVG	Tem	p°c4	1						
		- Solid, Sg - S	Sludge, A - A	queous, O - Other				: g - g		-			ag - ambe	r gla	SS. V -	VOA				
Note: Samp	les are disc	arded 30 da	ays after re	sults are reporte	d unless other arrangements are made. Hazard	dous samples will	be ret	urned	to clier	nt or	dispos	ed of	at the clien	it exc	ense.	The re	eport for t	he ana	lysis of the	above
samples is a	pplicable o	nly to those	samples r	eceived by the la	aboratory with this COC. The liability of the labor	ratory is limited to	o the a	moun	t paid f	or or	n the re	port							, 515 61 616	

envirotech envirotech

Printed: 6/12/2023 4:06:34PM

### **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.

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/09/23 0	6:00	Work Order	ID:	E306070
Phone:	(575) 631-6977	Date Logged In:	06/08/23 1	5:32	Logged In E	y:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/12/23 1	7:00 (1 day TAT)			
1. Does tl	Custody (COC)  ne sample ID match the COC?  ne number of samples per sampling site location match	ch the COC	Yes Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	<u> </u>	<u>ourier</u>		
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		<u>Com</u>	ments	s/Resolution
	Urn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PV	WU 2	22 1H has been
Sample (	<u>Cooler</u>				separated into 5 rep	orts (	due to high sample
	sample cooler received?		Yes		volume. Workorder	s are	as follow:
8. If yes,	was cooler received in good condition?		Yes		E306070, E306071,		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		·		· ·
10. Were	custody/security seals present?		No		E306074.Sample 14	·CS	not received.
11. If yes	, 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 visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
	Container	emperature. 1	<u> </u>				
	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 containe		Yes				
Field Lal							
	field sample labels filled out with the minimum infor ample ID?	mation:	Yes				
	rate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
Sample I	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes	, does the COC specify which phase(s) is to be analyst	zed?	NA				
	act Laboratory amples required to get sent to a subcontract laborator	y?	No				
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	: NA		
Client I	nstruction_						
							envirotech Inc

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

Received by OCD: 2/17/2025 9:13:02 AM

Ici: L D						Constant Constant						-										
Client: P Project:	ma En	vironn	enta	Servi	ces		Attention: Devon			200	The second second	STATE OF LEGIS	e On	Committee of the last				TA	4 4 1			rogram
Project N					<u> </u>		Attention: VEVON			WO#				Numbe		-	-	3D	Sta	andard	CWA	SDWA
Address:							City, State, Zip		1000	OO	070	)	CLU	56-0	Method	X				Albinough		DCDA
City, Stat						102500000000000000000000000000000000000	Phone:		-	1			Analy	sis and	Method		1		_			RCRA
Phone: 5	80-748	-1613	LAIVE	0024		653530	Email:		5	10											State	L
Email:				i i		256337			801	801				0						NM CO		TX
Report di	The second second						Pima Project # 1-781-3		O by	O by	8023	1260	010	300		NR	¥			x	OT AL	1/
Time	Date			No. of	C			Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		00	×					
Sampled	Sampled	Mati	rix	Containers	Sample ID			Number	DRO	GRO	втв	VOC	Met	Chlo		BGDOC	BGDOC				Remarks	
1:00	618	9	5	1	16	CS		1								X				Atla	1 C	S
8:05	1			1	7	10		2								H				i	<u> </u>	
0-02					_	CS		AND PONCE OF THE								Ц				tod	emp	0
8:10					3 (	CS		3												nam	es y	2er
8:15					40	cs		4												Clie	nt'	
8:20					5	cs		5												10/9	23	CM
8:75					6	CS		U														
8:30					7	cs		7													MATRIC III	
¥:35					8	CS		8														
P:40					9	CS	· · · · · · · · · · · · · · · · · · ·	9								1						
7:45	1	1		1	100	CS		10								1					****	
Addition	al Instru	ctions		**********	,	f	3#21145598	I NAME OF THE PARTY OF THE PART	1			المستح										
					ticity of this sam	nple. I am awa	are that tampering with or intentionally mislab	elling the sampl	e locatio	on,			A CONTRACTOR OF THE PERSON NAMED IN							on ice the day the		ed or received
Relinguishe		The second second		Date				Date		Time			DEST			1	ah H	se Onl	lv		VALUE OF THE	100000000000000000000000000000000000000
Kensi	me f	do	me	14	18/23	1me 200	Wille Cyres	- G-8.	23	14	900		Rece	ived o	n ice:	6	)/ N					
Relinquishe	d by: (Sign	aturely		Date	- 27	Time	Received by: (Signature)	Date		Time	22					C						
Alice		ery?	2	4	-8-72	1717	Alben misso	6-8	-23	1/2	300	2	T1_			T2			and the	<u>T3</u>		
Relinquishe	4	MUG	60	Date	-9-23	Ol00	Received by: (Signature)	10  9/	13	Time	00		ΔVG	Temr	°c_4							
		-	-	udge, A-	Aqueous, O - Otl			Containe	h /	2: g - s	No. of the last of the						ss. v -	VOA	A STATE OF THE PARTY OF THE PAR	Mary Mary Mary Mary	Carlo and the Carlo and Ca	
Note: Samp	les are dis	carded	30 day	ys after re	esults are repo	orted unless	other arrangements are made. Hazardo	us samples wil	l be ret	turned	to clie	nt or	dispo	sed of a					eport	for the anal	ysis of the	above
samples is a	applicable	only to	those	samples	received by th	e laboratory	with this COC. The liability of the laborat	ory is limited t	o the a	moun	t paid	for or	n the r	eport.								



Received by OCD: 2/17/2025 9:13:02 AM



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: Diamond PWU 22 1H

Work Order: E306072

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306072

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

Technical Representative

Rayny Hagan

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
41 CS	6
42 CS	7
43 CS	8
44 CS	9
45 CS	10
46 CS	11
47 CS	12
48 CS	13
49 CS	14
50 CS	15
51 CS	16
52 CS	17
53 CS	18
54 CS	19
55 CS	20
56 CS	21
57 CS	22
58 CS	23
59 CS	24
60 CS	25

# Table of Contents (continued)

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

## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 16:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
41 CS	E306072-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
42 CS	E306072-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
43 CS	E306072-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
44 CS	E306072-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
45 CS	E306072-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
46 CS	E306072-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
47 CS	E306072-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
48 CS	E306072-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
49 CS	E306072-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
50 CS	E306072-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
51 CS	E306072-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
52 CS	E306072-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
53 CS	E306072-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
54 CS	E306072-14A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
55 CS	E306072-15A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
56 CS	E306072-16A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
57 CS	E306072-17A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
58 CS	E306072-18A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
59 CS	E306072-19A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
60 CS	E306072-20A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 41 CS E306072-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.9 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.9 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.4 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 42 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	-		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KN	M		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		57.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ı	Analyst: RA	AS		Batch: 2323064
thions by Elite Colors Cooli							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 43 CS

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		93.6 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		93.6 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KM	ſ		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		60.4 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	S		Batch: 2323064
Amons by ETA 500:0/7050A							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 44 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: l	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		62.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	RAS		Batch: 2323064



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 45 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.4 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.4 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		55.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2323064



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 46 CS

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		93.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		93.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		55.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2323064
Chloride	ND	20.0	1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 47 CS

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.3 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		92.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.3 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		92.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		78.5 %	50-200	06/08/23	06/09/23	
A L EDA 200 0/005/ A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2323064
Anions by EPA 300.0/9056A	88	88				



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 48 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		81.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 49 CS

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		80.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
	ND	20.0		1	06/08/23	06/09/23	·

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 50 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		84.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 51 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: 1	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		80.7 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2323064
11110110 0 0 1 1111 0 0 0 0 0 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### **52 CS**

		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1	06/0	8/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/0	8/23	06/09/23	
Toluene	ND	0.0250	1	06/0	8/23	06/09/23	
o-Xylene	ND	0.0250	1	06/0	8/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/0	8/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/0	8/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/0	8/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/0	8/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/0	8/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/0	8/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/0	8/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/0	8/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	8/23	06/09/23	
Surrogate: n-Nonane		70.0 %	50-200	06/0	8/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323064
Allions by ETA 500:0/7050A							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 53 CS

		Reporting					
Analyte	Result	Limit	Dilut	tion Prepa	ared A	nalyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1	06/08	3/23 0	6/09/23	
Ethylbenzene	ND	0.0250	1	06/08	3/23 0	6/09/23	
Toluene	ND	0.0250	1	06/08	3/23 0	6/09/23	
o-Xylene	ND	0.0250	1	06/08	3/23 0	6/09/23	
p,m-Xylene	ND	0.0500	1	06/08	3/23 0	6/09/23	
Total Xylenes	ND	0.0250	1	06/08	3/23 0	6/09/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130	06/08	8/23 0	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/08	8/23 0	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08	8/23 0	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08	3/23 0	06/09/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130	06/08	8/23 0	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/08	8/23 0	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08	8/23 0	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08	3/23 0	6/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08	3/23 0	06/09/23	
Surrogate: n-Nonane		71.8 %	50-200	06/08	8/23 0	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323064
Amons by ETA 500.0/7050A							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 54 CS

		Reporting					
Analyte	Result	Limit	Dilut	ion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1	06/0	8/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/0	8/23	06/09/23	
Toluene	ND	0.0250	1	06/0	8/23	06/09/23	
o-Xylene	ND	0.0250	1	06/0	8/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/0	8/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/0	8/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/0	08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/0	08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/0	8/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/0	8/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/0	18/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/0	8/23	06/09/23	-
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	8/23	06/09/23	
Surrogate: n-Nonane		71.7 %	50-200	06/0	08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2323064
Allions by ETA 500:0/7030A							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 55 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		72.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### **56 CS**

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323059
Benzene	ND	0.0250	1	06/0	08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/0	08/23	06/09/23	
Toluene	ND	0.0250	1	06/0	08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/0	08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/0	08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/0	08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/0	08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/0	08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/0	08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/0	08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/0	08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/0	08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/0	08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/0	08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	08/23	06/09/23	
Surrogate: n-Nonane	·	80.3 %	50-200	06/0	08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2323064
					08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 57 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		74.8 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 58 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	ļ.	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	06/08/23	06/09/23	
Surrogate: n-Nonane		65.2 %	50-200	·	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### **59 CS**

		2000072 17					
	D 1	Reporting		·	D 1		N
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

### 60 CS

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323064



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 4:13:48PM **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 (2323059-BLK1) Prepared: 06/08/23 Analyzed: 06/09/23 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 0.504 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.502 0.500 100 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.529 LCS (2323059-BS1) Prepared: 06/08/23 Analyzed: 06/09/23 2.27 0.0250 2.50 90.6 70-130 Benzene 2.27 2.50 90.7 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.8 70-130 94.0 70-130 2.35 0.0250 2.50 o-Xylene 92.9 4.65 5.00 70-130 p,m-Xylene 0.0500 7.00 0.0250 7.50 93.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.486 0.500 97.2 70-130 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 70-130 Surrogate: Toluene-d8 0.519 0.500 Matrix Spike (2323059-MS1) Source: E306072-09 Prepared: 06/08/23 Analyzed: 06/12/23 2.27 0.0250 2.50 ND 90.9 48-131 45-135 Ethylbenzene 2.26 0.0250 2.50 ND 90.3 92.1 48-130 Toluene 2.30 0.0250 2.50 ND 2.37 0.0250 2.50 ND 94.7 43-135 o-Xylene 4.70 ND 93.9 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.06 0.0250 7.50 ND 94.2 43-135 97.7 0.489 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 99.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.499 0.500 70-130 0.511 Surrogate: Toluene-d8 Matrix Spike Dup (2323059-MSD1) Source: E306072-09 Prepared: 06/08/23 Analyzed: 06/09/23 2.17 0.0250 2.50 ND 86.7 48-131 4.80 23 2.16 0.0250 2.50 ND 86.4 45-135 4.37 27 Ethylbenzene ND 88.3 48-130 4.19 24 2.21 2.50 Toluene 0.0250 o-Xylene 2.29 0.0250 2.50 ND 91.6 43-135 3.28 27 4.49 5.00 ND 89.7 43-135 4.55 27 p,m-Xylene 0.0500 27 6.78 0.0250 7.50 ND 90.4 43-135 4.13 Total Xylenes Surrogate: Bromofluorobenzene 0.495 0.500 98.9 70-130



0.500

0.500

0.491

0.508

98.2

102

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/12/2023 4:13:48PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					6/12/2023 4:13:48PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			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 (2323059-BLK1)							Prepared: 0	6/08/23 Aı	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
LCS (2323059-BS2)							Prepared: 0	6/08/23 Aı	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
<b>Matrix Spike (2323059-MS2)</b>				Source:	E306072-	09	Prepared: 0	6/08/23 Aı	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	91.9	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike Dup (2323059-MSD2)				Source:	E306072-	09	Prepared: 0	6/08/23 Aı	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	15.2	20	

0.500

0.500

0.500

0.496

0.482

0.524

99.1

96.4

105

70-130

70-130

70-130



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/12/2023 4:13:48PN
	Nonhal	logenated Or	ganics by	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 (2323069-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	35.2		50.0		70.3	50-200			
CS (2323069-BS1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
viesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
urrogate: n-Nonane	34.7		50.0		69.3	50-200			
Matrix Spike (2323069-MS1)				Source:	E306072-	17	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
riesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
urrogate: n-Nonane	34.5		50.0		68.9	50-200			
Matrix Spike Dup (2323069-MSD1)				Source:	E306072-	17	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
tiesel Range Organics (C10-C28)	269	25.0	250	ND	107	38-132	2.62	20	
urrogate: n-Nonane	36.4		50.0		72.8	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	_	iamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager		om Bynum					6/12/2023 4:13:48PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				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 (2323064-BLK1)							Prepared: 0	06/08/23 A	Analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323064-BS1)							Prepared: 0	06/08/23 A	Analyzed: 06/09/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2323064-MS1)				Source:	E306072-0	)1	Prepared: 0	06/08/23 A	Analyzed: 06/09/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2323064-MSD1)				Source:	E306072-0	)1	Prepared: 0	06/08/23 A	Analyzed: 06/09/23
Chloride	252	20.0	250	ND	101	80-120	1.51	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 16:13

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 Env	ironmen	tal Serv	ices	Bill To			5,5	la	b Use	e On	lv			TAT		FPΔ	rogram
Client: Pima Env Project:	end PV	10 2	214	Attention: Devon		Lab	WO#			loh t	Number	1D	2D		Standard	CWA	SDWA
Project Manager: Address: 5614 N				Address: City, State, Zip		E.3	300	$\sigma_{l}$	2 1	ala	58-0007	X					
City, State, Zip H				Phone:		-			1	anaiy	sis and Method				-		RCRA
Phone: 580-748			1	Email:		115	115									State	
Email: tom@pii Report due by:	naoil.cor	n		Pima Project # 1-281-3		by 8C	by 80	121	99	9	0.00	N			NM CO	UT AZ	. TX
Time Date	1 22 7 2	No. of	T	:	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		ν Σ		x		
Sampled Sampled	Matrix	Containers	Sample ID	-3	Number	DRO,	GRO,	втех	VOC	Meta	Chlo	верос	верос			Remark	S
11:20 6/8	5	1	41 CS		1							X					
11:25			42 CS		2							1					
1:30			43 CS		3							1					
11:35			44 CS	·	4				$\exists$			1					
11:40			45 CS		5							+		+			
11:45			4615	1		-			-			H	-	+	-		
			1003		6												
11:50			47 CS		7												
11:55			48 CS		8												
12:00 M			49 CS		9							1					
12:05	1	1	50 CS	**************************************	10							1					
Additional Instruc	tions:			B# 21145598		1											
				m aware that tampering with or intentionally mislabel	ling the sample	e locatio	on,				es requiring thermal p						oled or received
late or time of collection Relinquished by: (Sign				Received by: (Signature)	Date		Time			packed	in ice at an avg temp				on subsequent da	ys.	
Kurime A	tame	4	18/23 30	O Micelles Convels	6-80	23	14	200		Rece	eived on ice:			e Only			
Relinquished by: (Sign	unil	Date	-8-2) [7]	Received by: (Signature)	6-8-	-23	Time	53		T1		T2			<u>T3</u>		
Relinquished by: (Sign	MUSS	o G		Received by: (Signature)	Date /a/	22	Time	·ac		41/6	- ° L	4		77.			
iample Matrix: S - Soil, So				Lauren "	Containe	r Type	_				Temp °Castic, ag - ambe	v ala		VOA			1



lient: P	ima	Envi	ronmen	tal Servi	ces	Bill To						e On					TAT	- 7-3	EPA	Program
roject: roject N	lana	MOL.	Tom By	num	-H	Attention: Devon Address:		Lab	WO#	007	12	1 dol	Number	27	1D	2D 3	D Sta	andard	CWA	
ddress:	561	4 N.	Lovingt	on Hwy.		City, State, Zip		E	, L	yo i	4	Analy	sis and M	1ethod	X		-			RCRA
ity, Stat hone: {				M. 88240		Phone: Email:					11							X-17-	Chata	
mail:	omo	@pin	naoil.com	m ·			1-3	DRO/ORO by 8015	GRO/DRO by 8015	н	0		0.0		_			NM CO	State UT A	Z TX
eport d	11000	y:		1		Pima Project # 1-28	-	ORO b	ORO b	BTEX by 8021	y 826(	s 6010	de 300		C NM	7		X		
ampled		pled	Matrix	No. of Containers	Sample ID		Lab Numbe	DRO/(	GRO/I	втех	VOC by 8260	Metals 6010	Chloride 300.0		верос	ВСБОС			Remar	cs
0:5	61	8	5	1	51 CS		11								X					
2:15					57 CS		12													
2:20					53 C5		13													
2:25					54 cs		14													
2:30					55 CS		15													
2:35					56 cs		16													
2:40					57 cs		17													
:45					58 cs		18													
2:50					59 C5		19													
2:53	1		1		60 cs		20								1					
ddition	al In	struct	ions:			B# 211455	98													
				d fraud and m	nay be grounds for lega		nislabelling the samp	e locatio	on,									n ice the day t		pled or receive
linquishe	ne	Ada	ine	· Date	1014 2	Received by: (Signature)	Date Ce-8	13	Time	100		Rece	ived on	ice:		b Use (	Only			1 1
duct	lu	Signa	bus	Date	-8-2) Time	S Received by: (Signature) White	Date 6-8	- 23	Time	83		T1			T2			T3	11	
Minguishe	d by:	(Signa	NV4)	o O		Received by (Signature)  Outh Ma	- 10/9/2	13	Time	00		AVG	Temp °	L	f					
					queous, O - Other	nless other arrangements are made. Haza	Contain	r Type	: g - g	glass,	p - pc	oly/pla	stic, ag -	ambe	r glas	, v - VO	Α			



Printed: 6/9/2023 9:03:03AM

### **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: Email:	(575) 631-6977 tom@pimaoil.com	Date Logged In:	06/09/22 1			
Email:	tom@pimaoil.com		06/08/23 1	.5:36	Logged In By:	Caitlin Mars
		Due Date:	06/09/23	17:00 (0 day TAT)	50 ,	
1. Does the 2. Does the 3. Were sai 4. Was the 5. Were all  Sample To 6. Did the Sample Co 7. Was a sa	e sample ID match the COC? e number of samples per sampling site location mat mples dropped off by client or carrier?  COC complete, i.e., signatures, dates/times, request 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 disucssionarn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?  ooler  ample cooler received?  vas cooler received in good condition?	och the COC sted analyses?	Yes Yes Yes Yes Yes Yes Yes Yes Yes	(7:00 (0 day TAT)	Project Diamond PWU 3 separated into 5 reports volume. Workorders are	due to high sample as follow:
•	sample(s) received intact, i.e., not broken?			ļ	E306070, E306071, E30	000/2, E3060/3 &
	custody/security seals present?		Yes		E306074.	
	were custody/security seals intact?		No			
12. Was the	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	NA Yes			
Sample Co	<u>ontainer</u>					
14. Are aq	ueous VOC samples present?		No			
15. Are V(	OC samples collected in VOA Vials?		NA			
16. Is the h	nead space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	n-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa: Da	el Teld sample labels filled out with the minimum info mple ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes Yes			
Sample Pı	<u>reservation</u>					
21. Does th	he COC or field labels indicate the samples were pr	eserved?	No			
22. Are sar	mple(s) correctly preserved?		NA			
24. Is lab f	filteration required and/or requested for dissolved m	netals?	No			
Multiphas	se Sample Matrix					
26. Does th	he sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
28. Are sai	act Laboratory  mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	-	No NA	Subcontract Lab	: NA	
Client Ins	<u>struction</u>					

Date

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

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: Diamond PWU 22 1H

Work Order: E306073

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306073

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com



### **Table of Contents**

T	itle Page	1
C	Cover Page	2
T	able of Contents	3
5	cample Summary	5
5	cample Data	6
	61 CS	6
	62 CS	7
	63 CS	8
	64 CS	9
	65 CS	10
	66 CS	11
	67 CS	12
	68 CS	13
	CSW1	14
	CSW2	15
	CSW3	16
	CSW4	17
	CSW5	18
	CSW6	19
	CSW7	20
	CSW8	21
	CSW9	22
	CSW10	23
(	QC Summary Data	24
	QC - Volatile Organics by EPA 8021B	24

# Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

### Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
61 CS	E306073-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
62 CS	E306073-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
63 CS	E306073-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
64 CS	E306073-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
65 CS	E306073-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
66 CS	E306073-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
67 CS	E306073-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
68 CS	E306073-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW1	E306073-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW2	E306073-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW3	E306073-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW4	E306073-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW5	E306073-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW6	E306073-14A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW7	E306073-15A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW8	E306073-16A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW9	E306073-17A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW10	E306073-18A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 61 CS

		E300073-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.0 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 62 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.0 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	_

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 63 CS

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 64 CS

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	•



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 65 CS

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		92.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 66 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		91.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 67 CS

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		94.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### 68 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		85.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	<del></del>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW1

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		72.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	·



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW2

		Damantina				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		72.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW3

Reporting					
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0500	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
	96.3 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	An	Analyst: IY		Batch: 2323060
ND	20.0	1	06/08/23	06/09/23	
	92.9 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
ND	25.0	1	06/08/23	06/09/23	
ND	50.0	1	06/08/23	06/09/23	
	71.4 %	50-200	06/08/23	06/09/23	
mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
	mg/kg  ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mD         0.0250           mD         20.0250           96.3 %         mg/kg           mg/kg         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         An           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         mg/kg         An           MD         20.0         1           MB/kg         mg/kg         An           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/08/23           ND         0.0250         1         06/08/23           ND         0.0250         1         06/08/23           ND         0.0250         1         06/08/23           ND         0.0500         1         06/08/23           ND         0.0250         1         06/08/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/08/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         06/08/23           ND         25.0         1         06/08/23           ND         50.0         1         06/08/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/08/23         06/09/23           ND         0.0250         1         06/08/23         06/09/23           ND         0.0250         1         06/08/23         06/09/23           ND         0.0500         1         06/08/23         06/09/23           ND         0.0250         1         06/08/23         06/09/23           ND         0.0250         1         06/08/23         06/09/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/08/23         06/09/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         06/08/23         06/09/23           ND         25.0         1         06/08/23         06/09/23           ND         50.0         1         06/08/23         06/09/23



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		71.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		76.9 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	_



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW6

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		77.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW7

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		78.0 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	<del></del>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW8

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		78.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW9

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		66.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

### CSW10

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		66.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	· · · · · · · · · · · · · · · · · · ·



		<del>VC 20</del>		ary Dat						
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Diamond PWU 22 1H 01058-0007					Reported:	
Plains TX, 79355-0247	Project Manager:			om Bynum				6/12/2023 3:48:10PM		
		Volatile O	rganics	by 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 (2323060-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Benzene	ND	0.0250					<u></u>		<del>-</del>	
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	8.06		8.00		101	70-130				
LCS (2323060-BS1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Benzene	5.05	0.0250	5.00		101	70-130				
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130				
Toluene	5.20	0.0250	5.00		104	70-130				
o-Xylene	5.21	0.0250	5.00		104	70-130				
p,m-Xylene	10.2	0.0500	10.0		102	70-130				
Total Xylenes	15.4	0.0250	15.0		103	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130				
Matrix Spike (2323060-MS1)				Source:	E306073-	01	Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Benzene	5.21	0.0250	5.00	ND	104	54-133				
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133				
Toluene	5.35	0.0250	5.00	ND	107	61-130				
o-Xylene	5.35	0.0250	5.00	ND	107	63-131				
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131				
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131				
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130				
Matrix Spike Dup (2323060-MSD1)				Source:	E306073-	01	Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Benzene	4.65	0.0250	5.00	ND	93.0	54-133	11.3	20		
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	61-133	10.7	20		
Toluene	4.79	0.0250	5.00	ND	95.8	61-130	11.1	20		
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131	10.8	20		
p,m-Xylene	9.40	0.0500	10.0	ND	94.0	63-131	10.4	20		
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131	10.6	20		

8.00

8.03

100

70-130



Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

Plains TX, 79355-0247		Project Manage	r: To	om Bynum					6/12/2023 3:48:10PM
	Nor	halogenated	Organics	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 (2323060-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	ND	20.0					1		<u> </u>
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			
LCS (2323060-BS2)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike (2323060-MS2)				Source:	E306073-	01	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
Matrix Spike Dup (2323060-MSD2)				Source:	E306073-	01	Prepared: 0	6/08/23 A	nalyzed: 06/12/23
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	17.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					6/12/2023 3:48:10PN
	Nonhal	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 (2323070-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	32.2		50.0		64.4	50-200			
LCS (2323070-BS1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	212	25.0	250		85.0	38-132			
urrogate: n-Nonane	30.5		50.0		61.0	50-200			
Matrix Spike (2323070-MS1)				Source:	E306073-	04	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.2	38-132			
urrogate: n-Nonane	31.0		50.0		62.0	50-200			
Matrix Spike Dup (2323070-MSD1)				Source:	E306073-	04	Prepared: 0	6/08/23 A	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.7	38-132	3.94	20	
urrogate: n-Nonane	31.3		50.0		62.6	50-200			



Pima Environmental Services-Carlsbad PO Box 247	I	Project Name: Project Number:		Diamond PWU 01058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager	: Т	Tom Bynum					6/12/2023 3:48:10PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				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 (2323065-BLK1)							Prepared: (	06/09/23 A	Analyzed: 06/12/23
Chloride	ND	20.0							
LCS (2323065-BS1)							Prepared: (	06/09/23 A	Analyzed: 06/12/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2323065-MS1)				Source:	E306073-	01	Prepared: (	06/09/23 A	Analyzed: 06/12/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2323065-MSD1)				Source:	E306073-	01	Prepared: (	06/09/23 A	Analyzed: 06/12/23
Chloride	261	20.0	250	ND	104	80-120	0.684	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:48

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.



							of Custod											Page 7	
Client: Pima Environmental Services Project: Vienno PWV 22 IH Attention: Devon						Lab W0# E30.1073						ly Number	11	)  20	TA'	T Standard	EPA PI	rogram	
roject N	Manager:	Tom By	num		Addre	ess:		E3	οŭ	07:	3	Dic	58-000			130	Stanuaru	CVVA	SUVA
		Lovingtobbs, NA			City, S Phon	State, Zip					- 1	Analy	sis and Meth	od					RCRA
hone:	580-748-	1613			Emai		-	5	υ									State	
		naoil.cor	n		ALC: N	a Project # 1-281-3		y 803	y 8015	21	0		0.0	,			NM CO		TX
eport d	ue by:				Fillic	a Project # ("LIT")	I tak	ORO L	DRO b	ру 80	y 826	s 601(	de 30	N	100	4	X		
Sampled	Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	RGDOC	BGDOC			Remarks	
:00	618	5	1	610	CS		1							7					
:65				62 0	S		2												
:10				63 C	S		3												
1:15				64 C	5		4							1					
:20				65 C	5		5												
:15				66 C	S		6												
1.30				67 C	2		7												
:35	1	1	ㅗ	68 CS	ć		8												
-													-	11					
														T	1				
ddition	al Instruc	tions:			B#21	145598								1 3					
					I am aware that	tampering with or intentionally mislabelli	ng the sample	locatio	n,								ived on ice the day to C on subsequent day		ed or received
elinquishe	ed by: (Signa	ature)		/8/23 Time		eceived by: (Signature)	Date Ce-8	13	Time /	000	)	Rece	ived on ice:		Lab (	Ise Only	/		
elinquishe	ed by: (Signa Lle (	atore)	Date	Time	715	eceived by: (Signature)	Date	-23	Time 18	3		T1		T2			Т3		
elinquishe M.H	d by: (Signa	MIS	Date 6	9-23 C	100	eceived by: (Signature)	Date / 0/9/	13	Time	00			Temp °C	4					
				queous, O - Other _		arrangements are made. Hazardous s	Container	Туре	<b>g</b> - g	ass,	p - po	ly/pla	astic, ag - aml	oer gl	ass, v	- VOA			



**Project Information** 

Chain of Custody

To	
0 of	10
	8 of

Received by OCD: 2/17/2025 9:13:02 AM

Client: P	imą Env	ironmen	tal Serv	ices	₽ Bill To				La	ıb Us	se On	ly		4		TA	T	EPA P	rogram
Project:	DIAM	rond Pl	MO 5	1112	Attention: Devon		Lab	WO#	007	12	Job I			1D	2D	3D	Standard	CWA	SDWA
		Tom By			Address:		Eć	300	001				0007	X					
		. Lovingt			City, State, Zip						Analy	sis ar	nd Metho	d *			(1247)		RCRA
Phone: 4	6, ZIP HO 580-748-	obbs, NA	VI, 8024	0	Phone:												( 1 - 40 )		
		naoil.cor	m		Email:		3015	3015									wal so	State	Land
Report d		naon.oo.			Pima Project # 1-28 1-3	<i>f</i>	by 8	by 8	021	97	10	0000		Z	×		NM CO	UT AZ	TX
Time	Date Date	45.730	No. of	Tarasa		Lab	ORO	DRO	by 8	3y 82	ls 60	ide 3					1		
Sampled	Sampled	Matrix	Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	OGBO			Remarks	
1:40	6/8	5	1	C SW1		9					-			X					
1:45				CSW	2	10								1		$\Box$			
1:50				CSW	,3	11								1					
1:55				csw	Y	12													
2:00				CSW		13													
2:05				CSW	6	14													
2:10				CSW	)7	15													
2:15				CSW	8	16													
2:20				CSU	19	17													
2:25		1		CSW		18								1					
	al Instruc				3#2114659														
				nticity of this sample. I a may be grounds for leg		Illing the sample	e locatio	on,									eived on ice the day the °C on subsequent day		ed or received
Lanie	ed by: (Signa	ame.	Date	6/8/23 Time	Received by: (Signature)	Date Date	23	Time	100	N.	Rece	eived	on ice:	1	ab U	se Onl	y		
MAL		(ley/2		e-8-23 17	Received by: (Signature)	0-G-	23	Time /	33	7	T1			T2			T3		
Relinquishe	ed by: (Signa	MVSK	o G		Received by: (Signature)	10/9/2	23		:00	.	AVG	Tem	D°C L	1					
Sample Matr	rix: S - Soil, Sd	d - Solid, Sg -	- Sludge, A - A	Aqueous, O - Other		Container	r Type	: g - g	glass, p	p - pc	oly/pla	astic.	ag - amb	er gla	iss, v -	VOA			
Note: Samp	oles are disc	arded 30 d	ays after r	esults are reported u	unless other arrangements are made. Hazardou	us samples will	be ret	turned	to clie	ent or	dispos	sed of	at the clie	ent exp	pense.	The re	port for the ana	lysis of the	above
samples is a	applicable o	only to thos	e samples	received by the labo	oratory with this COC. The liability of the laborate	ory is limited to	o the a	moun	t paid	for or	n the r	eport							30230



envirotech Inc.

Printed: 6/9/2023 9:04:04AM

#### **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:	06/09/23 (	06:00	Work Order ID:	E306073
Phone:	(575) 631-6977	Date Logged In:	06/08/23	15:41	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/09/23	17:00 (0 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes		<del></del>	
5. Were al	Il samples received within holding time?	·	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,	Commen	ts/Resolution
	<u>urn Around Time (TAT)</u>				Duniant Diamond DWIII	22 1II has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU	
Sample C					separated into 5 reports	
	sample cooler received?		Yes		volume. Workorders ar	e as follow:
8. If yes, v	was cooler received in good condition?		Yes		E306070, E306071, E3	06072, E306073 &
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E306074.	,
10. Were	custody/security seals present?		No		E300074.	
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 are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
	· • • • • • • • • • • • • • • • • • • •	temperature. 4 c	<u>~</u>			
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	· · · · · · · · · · · · · · · · · · ·	ers conected?	105			
	field sample labels filled out with the minimum info	rmation:				
	ample ID?	imation.	Yes			
	ate/Time Collected?		Yes	l		
C	ollectors name?		Yes			
Sample P	reservation_					
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does t	the sample have more than one phase, i.e., multiphas	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborator	w?	No			
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	· NA	
	• • •	30 WIIO:	1421	Subcontract Lab	. NA	
Client In	<u>struction</u>					

Date

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

Released to Imaging: 2/19/2025 11:20:03 AM

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: Diamond PWU 22 1H

Work Order: E306074

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306074

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

T 1 ' 1D

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CSW11	5
CSW12	6
CSW13	7
CSW14	8
CSW15	9
CSW16	10
CSW17	11
CSW18	12
CSW19	13
CSW20	14
CSW21	15
CSW22	16
CSW23	17
QC Summary Data	18
QC - Volatile Organic Compounds by EPA 8260B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW11	E306074-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW12	E306074-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW13	E306074-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW14	E306074-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW15	E306074-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW16	E306074-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW17	E306074-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW18	E306074-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW19	E306074-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW20	E306074-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW21	E306074-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW22	E306074-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW23	E306074-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW11 E306074-01

		200001101					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	Batem 2020001
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/09/23	
Surrogate: n-Nonane		73.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066
Chloride	ND	20.0	1	1	06/08/23	06/09/23	



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

#### Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW12 E306074-02

#### Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2323061 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 06/12/23 ND 0.0250 06/08/23 Benzene 1 06/08/23 06/12/23 Ethylbenzene ND 0.0250ND 0.0250 06/08/23 06/12/23 Toluene 06/08/23 1 06/12/23 o-Xylene ND 0.025006/08/23 06/12/23 ND 0.0500 p,m-Xylene 06/08/23 06/12/23 1 Total Xylenes ND 0.0250 98.9 % 06/08/23 06/12/23 Surrogate: Bromofluorobenzene 70-130 Surrogate: 1,2-Dichloroethane-d4 93.6 % 70-130 06/08/23 06/12/23 Surrogate: Toluene-d8 104 % 70-130 06/08/23 06/12/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2323061 ND 1 06/08/23 06/12/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 98.9 % 06/08/23 06/12/23 70-130 06/08/23 06/12/23 Surrogate: 1,2-Dichloroethane-d4 93.6 % 70-130 Surrogate: Toluene-d8 06/08/23 06/12/23 104 % 70-130 mg/kg Analyst: KM Batch: 2323071 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 06/09/23 ND 25.0 1 06/08/23 Diesel Range Organics (C10-C28) 06/08/23 06/09/23

50.0

mg/kg

20.0

85.4 %

1

1

Analyst: RAS

06/08/23

06/08/23

06/09/23

06/09/23

Batch: 2323066

50-200

ND

mg/kg

ND

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW13

E30	<b>160</b>	74	-0.	5

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.0 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.0 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		83.3 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2323066
Chloride	ND	20.0		1	06/08/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW14

#### E306074-04

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		91.7 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		91.7 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	06/08/23	06/09/23	
Surrogate: n-Nonane		85.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

## **Sample Data**

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW15 E306074-05

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.1 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.1 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	-	1	06/08/23	06/09/23	

50.0

mg/kg

20.0

50-200

85.2 %

06/08/23

06/08/23

06/08/23

Analyst: RAS

06/09/23

06/09/23

06/09/23

Batch: 2323066

ND

mg/kg

ND



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW16

#### E306074-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		71.8 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW17 E306074-07

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		72.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2323066
Chloride	ND	20.0	1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW18

#### E306074-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2323061
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: I	Y		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23	
Surrogate: n-Nonane		71.4 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2323066
thions by Elite Colors Cooli							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW19

E306074-09							
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	į	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		106 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		106 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		77.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066

20.0

1

06/08/23

06/09/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW20 E306074-10

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	Batch: 2323061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		77.2 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323066
Allions by ETA 300:0/7030A						



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW21

#### E306074-11

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	kg mg/kg		Analyst: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		76.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2323066
Amons by ETA 300.0/3030A						



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW22

#### E306074-12

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	_	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		62.9 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

#### CSW23

E3060	74-13
-------	-------

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		108 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		108 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.4 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323066
Chloride	ND	20.0		1	06/08/23	06/09/23	



## **QC Summary Data**

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 3:40:43PM **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 (2323061-BLK1) Prepared: 06/08/23 Analyzed: 06/10/23 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 0.495 0.500 98.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 97.7 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.521 LCS (2323061-BS1) Prepared: 06/08/23 Analyzed: 06/10/23 2.16 0.0250 2.50 86.5 70-130 Benzene 2.50 70-130 2.15 86.0 Ethylbenzene 0.0250 2.20 0.0250 2.50 87.9 70-130 2.25 89.9 70-130 0.0250 2.50 o-Xylene 4.43 5.00 88.6 70-130 p,m-Xylene 0.0500 6.68 0.0250 7.50 89.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.2 70-130 0.500 94.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.474 70-130 Surrogate: Toluene-d8 0.509 0.500 Matrix Spike (2323061-MS1) Source: E306074-02 Prepared: 06/08/23 Analyzed: 06/10/23 2.25 0.0250 2.50 ND 90.1 48-131 45-135 Ethylbenzene 2.28 0.0250 2.50 ND 91.2 48-130 Toluene 2.32 0.0250 2.50 ND 92.8 2.40 0.0250 2.50 ND 96.1 43-135 o-Xylene 4.70 ND 93.9 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.10 0.0250 7.50 ND 94.6 43-135 98.3 0.492 0.500 70-130 Surrogate: Bromofluorobenzene 0.485 0.500 97.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.507 Surrogate: Toluene-d8

Source: E306074-02

88.0

88.6

90.4

92.5

90.9

91.5

973

96.5

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.38

2.89

2.69

3.78

3.22

3.41

ND

ND

ND

ND

ND

ND



Prepared: 06/08/23 Analyzed: 06/10/23

23

27

24

27

27

27

Matrix Spike Dup (2323061-MSD1)

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.20

2.22

2.26

2.31

4.55

6.86

0.487

0.483

0.504

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

Surrogate: Toluene-d8

Surrogate: Toluene-d8

Matrix Spike Dup (2323061-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: 1,2-Dichloroethane-d4

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/12/20233:40:43 PM

1 Idilis 111, 79555 0217		Troject Manage	. 10	in Bynam					
	Non	halogenated		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 (2323061-BLK1)							Prepared: 0	6/08/23 Ana	lyzed: 06/10/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS (2323061-BS2)							Prepared: 0	6/08/23 Ana	lyzed: 06/10/23
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike (2323061-MS2)				Source:	E306074-	02	Prepared: 0	6/08/23 Ana	lyzed: 06/10/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			

0.500

50.0

0.500

0.500

0.500

20.0

104

103

101

100

105

Source: E306074-02

ND

70-130

70-130

70-130

70-130

70-130

3.55

Prepared: 06/08/23 Analyzed: 06/10/23

0.521

51.7

0.506

0.500

0.523



## **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/12/20233:40:43PM

Plains TX, 79355-0247		Project Manager	r: 10	m Bynum				(	5/12/2023 3:40:43PN
	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 (2323071-BLK1)							Prepared: 0	6/08/23 An	nalyzed: 06/09/23
riesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.6		50.0		81.2	50-200			
.CS (2323071-BS1)							Prepared: 0	6/08/23 An	nalyzed: 06/09/23
riesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
urrogate: n-Nonane	40.8		50.0		81.6	50-200			
Matrix Spike (2323071-MS1)				Source:	E306074-0	03	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
tiesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132			
urrogate: n-Nonane	41.6		50.0		83.2	50-200			
Matrix Spike Dup (2323071-MSD1)				Source:	E306074-0	03	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
tiesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	0.176	20	
urrogate: n-Nonane	41.2		50.0		82.3	50-200			

## **QC Summary Data**

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Diamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					6/12/2023 3:40:43PM
		Anions 1	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 (2323066-BLK1)							Prepared: 0	6/08/23	Analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323066-BS1)							Prepared: 0	6/08/23	Analyzed: 06/12/23
Chloride	246	20.0	250		98.6	90-110			
Matrix Spike (2323066-MS1)				Source:	E306074-0	)1	Prepared: 0	6/08/23	Analyzed: 06/12/23
Chloride	250	20.0	250	ND	99.8	80-120			
Matrix Spike Dup (2323066-MSD1)				Source:	E306074-0	)1	Prepared: 0	6/08/23	Analyzed: 06/12/23
Chloride	248	20.0	250	ND	99.1	80-120	0.745	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:40

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.



Chain of Custody

6		11
Page _	of	0

Received by OCD: 2/17/2025 9:13:02 AM

Client: F	ima Env	roņmen	tal Servi	ces	2	Bill To				La	b Us	e On	ly	te viewe	1		TA	T	I E	PA Pr	ogram
	Diamo Manager:			IH	Attention: Le	yon		Lab	WO#		1 "	Job N	Vum	ber	1D	2D	3D	Standa		NA	SDWA
	5614 N.				Address:			ŁS	DLO	074				2007	X						
	e, Zip Ho				City, State, Zip Phone:		_	<u> </u>				Analy	sis ar	nd Metho	od	1					RCRA
	580-748-		VI. 00240		Email:															_	
	tom@pin		n		/ / E	1 7		801	801				0				1 1	NINA	CO UT		TV
Report d				18	Pima Project #	1-281-3		yd C	yd C	3021	260	010	300.		Σ	×		X	CO 01	AZ	1/
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC		1	Ren	narks	
7:30	618	5		CSW	11	- Communication	1								X						
7:35	1			CSW	12		2								1						
2:40				csw	13		3								1						
2:45				CSW !	4		4														
2:50				CSWI	5		ls														
2:55				CSW 1	6		9														
3:00				CSW1	7		7						1.1								
3:05				CSW	8		8														
3:10				CSW 19			9														
3:15	1			CSW Z			10								1						
	al Instruct				-6	3#21145	598														
date or time	of collection	s considered	and authenti I fraud and n	icity of this sample. I am nay be grounds for legal	aware that tampering with action. Sam	h or intentionally mislabellin opled by:	g the sample	locatio	on,									eived on ice th °C on subsequ		sampled	or received
hers	ed by: (Signa	dame		/8/23 Time 20		ce Celux	Date 6-80	3	Time 14	900	)	Rece	ived	on ice:		ab U	se On	У			
Milo	ed by: (Signa	en/5		8-23 Time	Received by: (S	W Musson	Date G-G-	23	Time	83	6	T1			T2			Т3			
Relinquishe	ed by: (Signa	ture) NVGa	Date	9-23 Oli	Received by: (S	ignature)	Date (0/9/	23	Time	a	7	AVG	Tem	p°C_	+						
	ix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other			Container	Туре	: g - g	lass, p	o - pc	ly/pla	stic,	ag - amb	er gla	iss, v	VOA				
Note: Samples is	oles are disc	orded 30 da	ays after res	sults are reported unl	ess other arrangements	are made. Hazardous sa	amples will	be ret	urned	to clie	nt or	dispos	ed of	at the cli	ent ex	pense.	The re	eport for th	analysis o	f the a	bove



. /
Project Information
Client: Pima Envir
Project Manager: 7
Address: 5614 N. I
City, State, Zip Hol Phone: 580-748-1
Email: tom@pima
Report due by:

Chain of Custody

Page <u>0</u> of <u>10</u>

Received by OCD: 2/17/2025 9:13:02 AM

Client: Pima E	nvironmen	tal Servi	ces		Bill To				La	b Us	e On	lv				TA	T	EPA P	rogram
Project: Dan	rond PW	U Z	415	Att	ention: Deven		Lab	WO#	ł		1 dol		ber	1D	2D	3D	Standard	CWA	SDWA
Project Manage	r: Tom By	num	Maria de la companya della companya	Ad	dress:		E3	301	09	14	an	58-	0007	X					
Address: 5614	N. Lovingt	on Hwy.		Cit	, State, Zip								nd Metho	d					RCRA
City, State, Zip	Hobbs, NI	M. 88240	)	Ph	one:														
Phone: 580-74	8-1613			En	nail:		15	15										State	
Email: tom@	oimaoil.coi	m			1 201 3		v 80	/ 80	н	0	_	0.0		-		1 1	NM CO	UT AZ	TX
Report due by:				Pi	ma Project # \-281-3		30 b	30 by	, 802	8260	6010	e 300		N	¥		X		
Time Date Sampled Sample	d	No. of Containers	Sample ID			Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
3:20 8/8	3 5		CSW			11								X					
3:25			CSU	122		12													
3:38	1		CSU	J 23		13								-	1				
					1-1														
					7,100									1					
		1					-	-						-					
	-						-	-							-				
							-	_						-	-				
Additional Inst					B# 2/145588						L ·								
date or time of collec	ion is considere				that tampering with or intentionally mislab Sampled by:	elling the samp	le locat	ion,						p above	0 but le	ess than 6	ceived on ice the day 5 °C on subsequent d		led or received
Relinquished by: (S	Ada N	Date	18/23	200	Received by: (Signature)	Date ( 8	23	Time	402		Rece	eivec	on ice:			se On I	ily		
Relinquished by: (S	Cons	Date 6	Tin	715	Received by: (Signature)	6-19	7-23	Time	83	00	T1			T2			<u></u>		
Relinquished by: (S	ignature) V	Date	Tin	>100	Received by: (Signature)	Date 10/9/	123	Time	SA	)	AVG	Ten	np°C	+					
	Imple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							Louis						
					ner arrangements are made. Hazardon												report for the an	alysis of the	above
					ith this COC. The liability of the laborat														



Printed: 6/9/2023 9:05:49AM

#### **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.

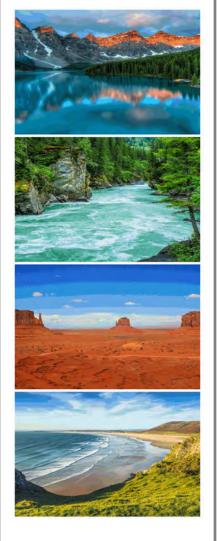
Client:	Pima Environmental Services-Carlsbad	Date Received:	06/09/23 06	6:00	Work Order ID: E306074
Phone:	(575) 631-6977	Date Logged In:	06/08/23 15	5:45	Logged In By: Caitlin Mars
Email:	tom@pimaoil.com	Due Date:		7:00 (0 day TAT)	Logged in Dy. Cultum Mans
Chain of	Custody (COC)				
	he sample ID match the COC?		Yes		
	he number of samples per sampling site location mate	ch the COC			
	camples dropped off by client or carrier?		Yes Yes	Comion C	Normica.
	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	Carrier: <u>C</u>	<u>Courier</u>
	all samples received within holding time?	ted analyses:	Yes		
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio	•	103		Comments/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>				D 1 . D1 . 1 D1 1 1 1 1
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU 22 1H has been
Sample (	<u>Cooler</u>				separated into 5 reports due to high sample
7. Was a	sample cooler received?		Yes		volume. Workorders are as follow:
8. If yes,	was cooler received in good condition?		Yes		E306070, E306071, E306072, E306073 &
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		E306074.
10. Were	custody/security seals present?		No		£3000/4.
11. If yes	, were custody/security seals intact?		NA		
12. Was th	ne 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		Yes		
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°C	<u>C</u>		
Sample (	<u>Container</u>				
14. Are a	queous VOC samples present?		No		
15. Are \	OC samples collected in VOA Vials?		NA		
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA		
17. Was a	a trip blank (TB) included for VOC analyses?		NA		
18. Are n	on-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes		
Field La	<u>bel</u>				
20. Were	field sample labels filled out with the minimum information	rmation:			
	ample ID?		Yes		
	Oate/Time Collected?		Yes	'	
	Collectors name?		Yes		
	Preservation the COC or field labels indicate the samples were pro	ocomiod?	No		
	ample(s) correctly preserved?	esei veu?	No NA		
	filteration required and/or requested for dissolved managed	atolo9	No		
		ctais:	NO		
	ase Sample Matrix	9			
	the sample have more than one phase, i.e., multiphas		No		
27. If yes	s, does the COC specify which phase(s) is to be analyst	zed?	NA		
Subcont	ract Laboratory				
28. Are s	amples required to get sent to a subcontract laborator	y?	No		
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA
Client I	nstruction_				
1					
1					

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

- 🥑 er

Date

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: Diamond PWU 22 1H

Work Order: E306071

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306071

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
21 CS	6
22 CS	7
23 CS	8
24 CS	9
25 CS	10
26 CS	11
27 CS	12
28 CS	13
29 CS	14
30 CS	15
31 CS	16
32 CS	17
33 CS	18
34 CS	19
35 CS	20
36 CS	21
37 CS	22
38 CS	23
39 CS	24
40 CS	25

## Table of Contents (continued)

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

## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
21 CS	E306071-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
22 CS	E306071-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
23 CS	E306071-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
24 CS	E306071-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
25 CS	E306071-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
26 CS	E306071-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
27 CS	E306071-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
28 CS	E306071-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
29 CS	E306071-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
30 CS	E306071-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
31 CS	E306071-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
32 CS	E306071-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
33 CS	E306071-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
34 CS	E306071-14A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
35 CS	E306071-15A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
36 CS	E306071-16A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
37 CS	E306071-17A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
38 CS	E306071-18A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
39 CS	E306071-19A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
40 CS	E306071-20A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 21 CS E306071-01

		E500071-01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		93.0 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL			Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		93.0 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		69.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063
Chloride	ND	20.0		1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 22 CS

#### E306071-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: S	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	1	Analyst: S	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		76.3 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	RAS		Batch: 2323063
Amons by E1A 300.0/7030A							



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 23 CS

#### E306071-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.1 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.1 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.7 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 24 CS

#### E306071-04

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/09/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23	
Surrogate: n-Nonane		70.7 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 25 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	ļ.	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	06/08/23	06/09/23	
Surrogate: n-Nonane		61.5 %	50-200	·	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 26 CS

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		65.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2323063
Chloride	ND	20.0		1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 27 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		63.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 28 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1	l	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	[	06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	<u> </u>	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[	06/08/23	06/09/23	
Surrogate: n-Nonane		65.9 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Enviro	onmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	,	Project Number:	01058-0007	Reported:
Plains TX,	79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 29 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	_
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		70.1 %	50-200	·	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 30 CS

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323063
Amons by ETA 500.0/7050A						



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 31 CS

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.9 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063
Chloride	ND	20.0		1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 32 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: S	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23	
Surrogate: n-Nonane		69.0 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 33 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: \$	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	Į.	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: 5	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23	
Surrogate: n-Nonane		66.0 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 34 CS

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2323058
Benzene	ND	0.0250	1	06	/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06	/08/23	06/09/23	
Toluene	ND	0.0250	1	06	/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06	/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06	/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06	/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06	/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	06	/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06	/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06	/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06	/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	06	/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06	/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06	/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06	/08/23	06/09/23	
Surrogate: n-Nonane		69.3 %	50-200	06	7/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 35 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	ļ.	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	06/08/23	06/09/23	
Surrogate: n-Nonane		74.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 36 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		70.7 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2323063
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 37 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		57.8 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063
Chloride	ND	20.0		1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 38 CS

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		101 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		63.7 %	50-200	06/08/23	06/09/23	
		mg/kg		Analyst: RAS		Batch: 2323063
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	tharyst. IC 15		Batch. 2323003



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

#### 39 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		64.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063
Chloride	ND	20.0		1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

## 40 CS

	Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		66.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 3:57:47PM **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 (2323058-BLK1) Prepared: 06/08/23 Analyzed: 06/09/23 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 0.524 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.497 0.500 99.3 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.512 LCS (2323058-BS1) Prepared: 06/08/23 Analyzed: 06/09/23 2.26 0.0250 2.50 90.6 70-130 Benzene 2.50 94.3 70-130 2.36 Ethylbenzene 0.0250 2.30 0.0250 2.50 92.1 70-130 2.39 70-130 0.0250 2.50 95.8 o-Xylene 4.66 5.00 93.2 70-130 p,m-Xylene 0.0500 7.05 0.0250 7.50 94.0 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.500 0.500 100 70-130 0.500 96.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.485 70-130 Surrogate: Toluene-d8 0.503 0.500 Matrix Spike (2323058-MS1) Source: E306071-08 Prepared: 06/08/23 Analyzed: 06/09/23 2.17 0.0250 2.50 ND 86.9 48-131 45-135 Ethylbenzene 2.25 0.0250 2.50 ND 89.9 88.3 48-130 Toluene 2.21 0.0250 2.50 ND 2.33 0.0250 2.50 ND 93.1 43-135 o-Xylene 4.54 ND 90.7 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.86 0.0250 7.50 ND 91.5 43-135 0.509 0.500 102 70-130 Surrogate: Bromofluorobenzene 0.500 97.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.488 0.500 70-130 0.497 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Source: E306071-08 Prepared: 06/08/23 Analyzed: 06/09/23 2.23 0.0250 2.50 ND 89.1 48-131 2.45 23 2.50 ND 45-135 2.74 27

92.4

90.9

95.1

92.7

93.5

100

96.1

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.93

2.15

2.19

2.18

24

27

27

27

ND

ND

ND

ND

2.50

2.50

5.00

7.50

0.500

0.500

0.500



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.31

2.27

2.38

4.64

7.02

0.502

0.481

0.493

0.0250

0.0250

0.0250

0.0500

0.0250

Analyst: SL

# **QC Summary Data**

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 3:57:47PM

Nonhalogenated	Organics by EPA 80	115D - GRO

Analyte Resu	Reporting It Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/k	g mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Timily to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323058-BLK1)							Prepared: 0	5/08/23 Anal	yzed: 06/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			
LCS (2323058-BS2)							Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike (2323058-MS2)				Source:	E306071-	08	Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			
Matrix Spike Dup (2323058-MSD2)				Source:	E306071-	08	Prepared: 0	5/08/23 Anal	yzed: 06/09/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130	2.46	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/12/2023 3:57:47PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				(	5/12/2023 3:57:47PN
	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 (2323068-BLK1)							Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	30.9		50.0		61.8	50-200			
LCS (2323068-BS1)							Prepared: 0	6/08/23 An	alyzed: 06/09/23
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
urrogate: n-Nonane	31.8		50.0		63.7	50-200			
Matrix Spike (2323068-MS1)				Source:	E306071-	06	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132			
urrogate: n-Nonane	31.4		50.0		62.8	50-200			
Matrix Spike Dup (2323068-MSD1)				Source:	E306071-	06	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	38-132	0.159	20	
urrogate: n-Nonane	29.8		50.0		59.7	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		oiamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:	T	om Bynum					6/12/2023 3:57:47PM
		Anions	by EPA	300.0/9056	<b>A</b>				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 (2323063-BLK1)							Prepared: 0	6/09/23 A	analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323063-BS1)							Prepared: 0	6/09/23 A	analyzed: 06/09/23
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2323063-MS1)				Source:	E306071-0	)1	Prepared: 0	6/09/23 A	analyzed: 06/09/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2323063-MSD1)				Source:	E306071-0	)1	Prepared: 0	6/09/23 A	analyzed: 06/09/23
Chloride	259	20.0	250	ND	104	80-120	0.103	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:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:57

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.



	×
	$\sim$
	0
	Comment
	0
	8
	3
	=
	60
	ä
	9
	6
	0
	Sec.
	2
	8
ľ	70
	- ·
	25
۹	
	• •
	K .
	N
	~
	2
	2
	/19/2
	/19/2
	/19/20
	/19/202
	/19/20
	/19/2025
	/19/202
	/19/2025 1
	/19/2025 1
	/19/2025 11:
	/19/2025 11:2
	/19/2025 11:20
	/19/2025 11:20
	/19/2025 11:20:6
	/19/2025 11:20:6
	1/19/2025 11:20:03
	/19/2025 11:20:03 /
	/19/2025 11:20:03 A
	/19/2025 11:20:03 /

**Project Information** 

Chain of Custody

	7		1.8
0			10
Page_	)	of	10

Client: Pima	Envi	ronmen	tal Servi	ces		n B	Bill To				La	b Us	e On	ly .		T		TA	T	1	EPA P	ogram
Project: VI				1 H_	Contract of the Contract of th	tention: Pe Voi	n		Lab	WO#			Job I			1D	2D	3D	Standar	d	CWA	SDWA
Project Man: Address: 56				_	the state of the s	dress:			£3	200	071	_	_		7	10						
City, State, Z						y, State, Zip							Analy	sis a	nd Metho	d						RCRA
Phone: 580			VI. 00240			none:							9		-							
Email: tom			n			nail:	0		015	015								1 1			State	
Report due b		iaon.coi			P	ima Project#	1-781-	-3	by 8	by 8	121	09	0	0.00		Σ×		1 1		00	UT AZ	TX
	Date		1	_			2 , (4.	-	ORO	ORO	37 8(	y 82	9 60.	de 3			×		x			
Sampled Sar	mpled	Matrix	No. of Containers	Sample ID	)			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			1	Remarks	
9:40 61	(8	5	1	21				1								X						
9:45			1	22				2														
9:50				23				3														
9:55				24				4														
10:00				25				5							11							
10:05				26				6														
10:10				27				7														
16:15				28				8								1						
10:20				29				9														
10:25		1		30				10								1						
Additional In	struct	ions:				B#211	45598	1														
l, (field sampler), a date or time of co						that tampering with or in Sampled		ng the sample	locatio	on,									ived on ice the C on subseque			d or received
Relinquished by	ne 1	Adam	Date (o	18/23	Ž00	Received by: (Signat		Date G-82	13	Time	100	,	Rece	ived	on ice:	L	ab Us	e Onl	ý			
Relinquished by	- 4	mx	Date	8.23	Time	Received by: (Signat	ture) 0.	Date 6-G-	-23	Time /	830		T1		on icc.	TZ	, "		Т3			3 - 1
Relinquished by Aldrew		n OS	Date O	9-23	Time Glan	Received by: (Signat	na	6/9/2		imie	a		AVG	Tem	p°c 4	,	10.10					
Sample Matrix: S -					0	20-00		Container			_		-				SS. V -	VOA				
Note: Samples a	are disca	rded 30 da	ays after re	sults are rep	orted unless otl	ner arrangements are r	made. Hazardous s	amples will	be ret	urned	to clie	nt or	dispos	sed of	at the clie	nt exr	ense.	The re	port for the	analy	sis of the	bove
samples is appli	cable or	ly to those	samples r	eceived by th	ne laboratory w	ith this COC. The liabili	ty of the laboratory	is limited to	thea	moun	t paid f	for or	then	enort	7 4 4 7 7 7 7	-	10.25					



Received by OCD: 2/17/2025 9:13:02 AM



Printed: 6/9/2023 9:01:50AM

## **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:	06/09/23 0	16:00	Work Order ID:	E306071
			06/08/23 1			Caitlin Mars
Phone: Email:		Date Logged In: Due Date:		7:00 (0 day TAT)	Logged In By:	Callin Mars
Elliali.	toin@piniaon.com	Jue Date.	00/09/23 1	7.00 (0 day 1A1)		
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location match	h 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, requeste	ed analyses?	Yes	_		
5. Were a	Il samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in t				Comments/	Resolution
C1- 7	i.e, 15 minute hold time, are not included in this disucssion	•		1	Commences	<u> </u>
	EURING ACCUMENTATION OF STATE		Yes		Project Diamond PWU 2	2 1H has been
	•		168		separated into 5 reports d	
Sample C	sample cooler received?		Yes		•	
	was cooler received in good condition?				volume. Workorders are	
•	e sample(s) received intact, i.e., not broken?		Yes		E306070, E306071, E30	6072, E306073 &
			Yes		E306074.	
	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 to	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 containe	rs collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum information ample ID?	nation:	Yes			
	late/Time Collected?		Yes			
	ollectors name?		Yes			
Sample I	Preservation_					
21. Does	the COC or field labels indicate the samples were pre-	served?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	tals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase	?	No			
	, does the COC specify which phase(s) is to be analyz		NA			
-	ract Laboratory					
	amples required to get sent to a subcontract laboratory	.9	No			
	subcontract laboratory specified by the client and if s		NA	Subcontract Lab	o: NA	
Client I	<u>istruction</u>					
						()

Date

**Project Information** 

Received by OCD: 2/17/2025 9:13:02 AM

Clianti D			-10-		Land of	,												10-0			
Client: P	Ima Env	nd Ph	tal Servi	ces 1 II		Attention: Pevon					-	e Or	-					AT		EPA P	rogram
		Tom By		T-II		Attention: Ve Von Address:		Lab	WO#	VET			Num			2D	3D	St	andard	CWA	SDWA
		Lovingt				City, State, Zip		ES	اماه	0.1				7000	1x						
City, Stat						Phone:						Analy	sis ar	d Metho	d						RCRA
Phone:			VI. 00241																	ale and interest	
		naoil.cor	n			Email:		1015	015											State	
Report d		naon.cor	4		Alexander of the second	Pima Project # \$ 1-781	-5	by 8	by 8	021	9	9	00.0		MM	-			NM CO	UT AZ	TX
Time	Date		No. of	T	_ K		Lab	OR OR	DRO	by 8	ıy 82	s 60	de 3	-		7			*		
Sampled	Sampled	Matrix	Containers	Sample ID			Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	-	BGDOC	BGDOC	-			Remarks	
9:40	618	5		210	15							_	U		X	8			0110	1 0	C
9:45			1	770	20		10								#	-			+ bau		)
				02	ري		2								11				105	ann	DC
9:50				130	25		3								11				nam	15	cer
9:55				74(	CS	· 5	14								T				Cher	f.	
10:00				250	25		5												10191		n n
10:05		a m		760	5		10								#				OI II	as	1.0
10:10				7.70	2	* .	7								H						
				010											44	_					
16:15				186	S		5														
10:20				1290	25		9														
10:25				300	S	T	10								T						
Addition	al Instru	tions:				8#21145598	1									1					
I, (field sam)	pler), attest t	the validity	and authent	icity of this sam	ple. I am a	ware that tampering with or intentionally mislabell	ing the sample	locatio	in,	-		Sample	s requir	ing thermal p	preserva	tion mu	st be rec	ceived (	on ice the day th	ev are sample	d or received
date or time	of collection	is considered		may be grounds								packed	In ice a	t an avg temp	above	0 but le	ss than 6	6°C on	subsequent day:		
Relinquish			Date	10/22	īme	Received by: (Signature)	Date		Time	,		No.		Service.	L	ab Us	se On	ılv		ANSWELL .	SAN AFRICA
		Adam	NO	18/23	200	Printing Sun Vier	6-80	13	14	100	)	Rece	ived	on ice:	1	YN					
Relinquish	lle t	en &	Date	8-23	TTIS	Received by: (Signature)	G-G-	-23	Time	83	1	T1			D	/			T3		
Relinquish	ed by: (Sign	ature	Date		īme .	Received by: (S)gnature)	Date, /		Time			P I S			14		4.7		13	<del></del>	
Ald	rev 1	nos	0	-9-23	010	authilla	6/9/2	3	6:	a		AVG	Tem	p°c L	1						
				Aqueous, O - Oth			Container	Type	: g - g	lass. r	<b>0</b> - DC	lq/yl	astic.	ag - amb	erela	SS, V -	VOA		The second secon		SERVICE DE L'ANDRE
Note: Sam	ples are dis	carded 30 d	ays after re	sults are repo	rted unles	s other arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the clie	ntexp	ense.	Then	report	for the analy	sis of the a	bove
samples is	applicable	only to those	e samples r	received by the	alaborato	ry with this COC. The liability of the laborator	y is limited to	the a	mount	t paid t	for or	the r	eport.								



Received by OCD: 2/17/2025 9:13:02 AM

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



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

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: Diamond PWU 22 1H

Work Order: E306095

Job Number: 01058-0007

Received: 6/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/14/23

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: 6/14/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306095

Date Received: 6/13/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/13/2023 7:30:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

4 D' 4

Laboratory Administrator Office: 505-632-1881

Raina Schwanz

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

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com



# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS14	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

## **Sample Summary**

_				
Γ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
ı	PO Box 247	Project Number:	01058-0007	Reporteu:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/14/23 14:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS14	E306095-01A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/14/2023 2:48:00PM

## CS14

#### E306095-01

	E500075-01				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2324016
ND	0.0250	1	06/13/23	06/13/23	
ND	0.0250	1	06/13/23	06/13/23	
ND	0.0250	1	06/13/23	06/13/23	
ND	0.0250	1	06/13/23	06/13/23	
ND	0.0500	1	06/13/23	06/13/23	
ND	0.0250	1	06/13/23	06/13/23	
	92.0 %	70-130	06/13/23	06/13/23	
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2324016
ND	20.0	1	06/13/23	06/13/23	
	94.1 %	70-130	06/13/23	06/13/23	
mg/kg	mg/kg	Ana	alyst: KM		Batch: 2324015
ND	25.0	1	06/13/23	06/13/23	
ND	50.0	1	06/13/23	06/13/23	
	68.5 %	50-200	06/13/23	06/13/23	
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2324017
	mg/kg  ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           ND         20.0           94.1 %         mg/kg           ND         25.0           ND         50.0	mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           92.0 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           94.1 %         70-130         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1	Reporting Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/13/23           ND         0.0250         1         06/13/23           ND         0.0250         1         06/13/23           ND         0.0250         1         06/13/23           ND         0.0500         1         06/13/23           ND         0.0250         1         06/13/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/13/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         06/13/23           ND         50.0         1         06/13/23	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/13/23         06/13/23           ND         0.0250         1         06/13/23         06/13/23           ND         0.0250         1         06/13/23         06/13/23           ND         0.0500         1         06/13/23         06/13/23           ND         0.0250         1         06/13/23         06/13/23           ND         0.0250         1         06/13/23         06/13/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/13/23         06/13/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         06/13/23         06/13/23           ND         25.0         1         06/13/23         06/13/23           ND         50.0         1         06/13/23         06/13/23

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/14/2023 2:48:00PM **Volatile Organics by EPA 8021B** 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 (2324016-BLK1) Prepared: 06/13/23 Analyzed: 06/13/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.49 8.00 93.6 70-130 LCS (2324016-BS1) Prepared: 06/13/23 Analyzed: 06/13/23 4.79 95.8 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.73 0.0250 5.00 94.6 70-130 4.89 0.0250 5.00 97.9 70-130 Toluene 97.1 o-Xylene 4.86 0.0250 5.00 70-130 10.0 96.1 70-130 9.61 0.0500 p.m-Xvlene 96.5 70-130 14.5 15.0 Total Xylenes 0.0250 8.00 93.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.44 Matrix Spike (2324016-MS1) Source: E306095-01 Prepared: 06/13/23 Analyzed: 06/13/23 4.63 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.58 0.0250 5.00 91.7 Toluene 4.73 0.0250 5.00 ND 94.6 61-130 4.72 ND 94.4 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.34 0.0500 10.0 ND 93.4 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.52 8.00 Matrix Spike Dup (2324016-MSD1) Source: E306095-01 Prepared: 06/13/23 Analyzed: 06/13/23 4.85 0.0250 5.00 ND 54-133 4.50 20 61-133 4.98 4.82 0.0250 5.00 ND 96.4 20 Ethylbenzene 61-130 Toluene 4 97 0.0250 5.00 ND 993 4 86 20 4.95 5.00 ND 98.9 63-131 4.61 20 o-Xylene 0.0250 9.81 10.0 ND 98.1 63-131 4.87 20 p,m-Xylene 0.0500



14.8

7.51

0.0250

15.0

8.00

ND

98.4

93.9

63-131

70-130

4.78

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Diamond PWU 22 1H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/14/2023 2:48:00PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6/1	4/2023 2:48:00PM
	Noi	nhalogenated	Organics	by EPA 80	15D - Gl	RO			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 (2324016-BLK1)							Prepared: 0	6/13/23 Anal	yzed: 06/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			
LCS (2324016-BS2)							Prepared: 0	6/13/23 Anal	yzed: 06/13/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			
Matrix Spike (2324016-MS2)				Source:	E306095-	01	Prepared: 0	6/13/23 Anal	yzed: 06/13/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			
Matrix Spike Dup (2324016-MSD2)				Source:	E306095-	01	Prepared: 0	6/13/23 Anal	yzed: 06/13/23
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	4.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/14/2023 2:48:00PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/14/2023 2:48:00PM
	Nonhal	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 (2324015-BLK1)							Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	35.1		50.0		70.2	50-200			
LCS (2324015-BS1)							Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Diesel Range Organics (C10-C28)	239	25.0	250		95.5	38-132			
urrogate: n-Nonane	35.0		50.0		70.0	50-200			
Matrix Spike (2324015-MS1)				Source:	E306096-	05	Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	38-132			
urrogate: n-Nonane	35.4		50.0		70.7	50-200			
Matrix Spike Dup (2324015-MSD1)				Source:	E306096-	05	Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	38-132	2.41	20	
'urrogate: n-Nonane	34.3		50.0		68.6	50-200			



Pima Environmental Services-Carlsbad		Project Name:		Diamond PWU	22 1H				Reported:	
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		1058-0007 Fom Bynum					6/14/2023 2:48:00PM	ſ
		Anions	by EPA	300.0/9056 <i>A</i>	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 (2324017-BLK1)							Prepared: 0	6/13/23	Analyzed: 06/13/23	
Chloride	ND	20.0								
LCS (2324017-BS1)							Prepared: 0	6/13/23	Analyzed: 06/13/23	
Chloride	245	20.0	250		98.1	90-110				
Matrix Spike (2324017-MS1)				Source:	E306095-0	)1	Prepared: 0	6/13/23	Analyzed: 06/13/23	
Chloride	248	20.0	250	ND	99.3	80-120				
Matrix Spike Dup (2324017-MSD1)				Source:	E306095-0	)1	Prepared: 0	6/13/23	Analyzed: 06/13/23	
Chloride	250	20.0	250	ND	99.9	80-120	0.587	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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/14/23 14:48

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.



Projec	t Ir	for	ma	tio
	2100			
Client	: P	im	aЕ	nvi
Projec	t:	VI	an	LOY
Projec	t N	/lan	age	er:
Addre	ss:	56	14	N.
City, S				
Phone				
Email:				
Repor				
Time	_		Date	

Chain of Custody

		1
Page	of	1

Client: P	ima Env	ronmen	tal Servi	ces		Bill To				La	b Us	e On	ly				TA	T	EPA P	ogram
Project:	Diamor	& PW	12		1	Attention: Devon		Lab	WO#	CK	-	Job N				2D	3D	Standard	CWA	SDWA
	lanager: 5614 N.				1 1-	Address: City, State, Zip		تط	DOC	JU				do Meth						RCRA
			И. 88240	)	1	Phone:						Analy	SIS al	iu weth	T	T	1			NCNA
Phone:	80-748-	1613				Email:		15	8015									***************************************	State	
	om@pin	naoil.cor	n		1	Pima Project #   - 28   - 3		y 8015		21	09	0	0.0		ΣN			NM CO	UT AZ	TX
Report d						Pima Project # 1- 201-		JRO F	ORO E	08 Au	y 826	601	de 30			¥		XI		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
d:00	6/8	S	1	CS	14		1								X				The state of the s	
						10														
															8					
Addition	al Instruc	tions:	•			8#211455	98													
				icity of this sampl		are that tampering with or intentionally mislabel		e locati	ion,					-	100			eived on ice the day o°C on subsequent d		ed or received
Relinquish	ed by: (Sign	Jems Jems	Date	M 23 Tir	230	Received by: (Signature)	Date (0-12-	23	Time	130	)	Rece	eived	on ice:		ab L	lse On	ly		
Relinquish	ed by: (Sign	ature)	Date (o		730	Received by: (Signature)	Date 6-17	-72	Time	730	)	T1			<u>T2</u>			<u></u>		
Relinquish	ed by: (Sign	muly Muly	Date	Tir	2.30	Received by: (Signature) _	O/3/	23	Time 7	:30	_	AVG	Tem	np °C	4					
Sample Mat				Aqueous, O - Othe			Containe	г Тур	e: g - g	glass,						ass, v	- VOA			
						other arrangements are made. Hazardous									ient ex	pense	. The r	eport for the an	alysis of the	above
samples is	applicable of	only to thos	e samples i	eceived by the	aborator	with this COC. The liability of the laborato	ry is limited t	o the a	amour	nt paid	toro	n the r	report	1						



envirotech Inc.

Printed: 6/13/2023 9:18:57AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

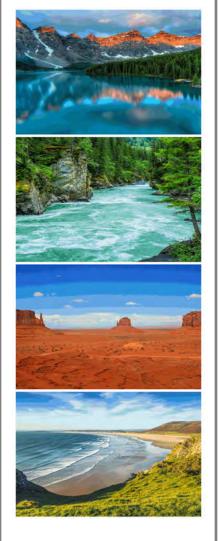
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/13/23	07:30		Work Order ID:	E306095
Phone:	(575) 631-6977	Date Logged In:	06/12/23	16:41		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:		17:00 (0 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_			
5. Were al	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in	•				Comment	s/Resolution
С1- Л	i.e, 15 minute hold time, are not included in this disucssi	on.				<u>comment</u>	<u> </u>
	COC indicate standard TAT or Expedited TAT?		Yes				
	COC indicate standard TAT, or Expedited TAT?		168				
Sample C	contersion of the cooler received?		Yes				
	was cooler received:						
• /	S .		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	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		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	— field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
-	reservation		NT.				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	notala?	NA N-				
	1	iletais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	o: NA		
Client In	<u>astruction</u>						

Date

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

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: Diamond PWU 22 #1H

Work Order: E410009

Job Number: 01058-0007

Received: 10/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/3/24

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: 10/3/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Diamond PWU 22 #1H

Workorder: E410009

Date Received: 10/3/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2024 5:00:00AM, under the Project Name: Diamond PWU 22 #1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 #1H 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

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1-1'	6
CW1-1'	7
CS2-6'	8
CW2-6'	9
CW3-6'	10
CS3-6'	11
CW4-6'	12
CW5-6'	13
CS4-10'	14
CW6-10'	15
CW7-10'	16
CW8-10'	17
CS5-9'	18
CW9-9'	19
CW10-9'	20
CW11-9'	21
CS6-1'	22
CS12-1'	23
CS7-2'	24
CW13-2'	25

# Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

### Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/03/24 15:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E410009-01A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW1-1'	E410009-02A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS2-6'	E410009-03A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW2-6'	E410009-04A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW3-6'	E410009-05A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS3-6'	E410009-06A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW4-6'	E410009-07A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW5-6'	E410009-08A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS4-10'	E410009-09A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW6-10'	E410009-10A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW7-10'	E410009-11A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW8-10'	E410009-12A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS5-9'	E410009-13A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW9-9'	E410009-14A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW10-9'	E410009-15A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW11-9'	E410009-16A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS6-1'	E410009-17A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS12-1'	E410009-18A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS7-2'	E410009-19A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW13-2'	E410009-20A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS1-1' E410009-01

		E410007-01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	27.6	25.0	1	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/02/24	10/03/24	
Surrogate: n-Nonane		108 %	50-200		10/02/24	10/03/24	
							5 1 2440001
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2440081



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW1-1'

		E410009-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		119 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2440081
Chloride	ND	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS2-6'

#### E410009-03

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2440077
Benzene	ND	0.0250	1		10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1		10/02/24	10/03/24	
Toluene	ND	0.0250	1		10/02/24	10/03/24	
o-Xylene	ND	0.0250	1		10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1		10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	ļ	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: B	A		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	IV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1		10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ.	10/02/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200		10/02/24	10/03/24	
A	mg/kg	mg/kg		Analyst: D	T		Batch: 2440081
Anions by EPA 300.0/9056A	8 8	8 8					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

### CW2-6'

		E410009-04					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	:	1	10/02/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2440081
Chloride	ND	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW3-6' E410009-05

	Reporting					
Result	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0500		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
	97.1 %	70-130		10/02/24	10/03/24	
	97.1 %	70-130		10/02/24	10/03/24	
	102 %	70-130		10/02/24	10/03/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
ND	20.0		1	10/02/24	10/03/24	
	97.1 %	70-130		10/02/24	10/03/24	
	97.1 %	70-130		10/02/24	10/03/24	
	102 %	70-130		10/02/24	10/03/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
ND	25.0		1	10/02/24	10/03/24	
ND	50.0		1	10/02/24	10/03/24	
	103 %	50-200	·	10/02/24	10/03/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2440081
ND	20.0		1	10/03/24	10/03/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           97.1 %         97.1 %           102 %         mg/kg           MD         20.0           97.1 %         102 %           mg/kg         mg/kg           ND         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.1 %         70-130           97.1 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         20.0           97.1 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           103 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           97.1 %         70-130           97.1 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           97.1 %         70-130         1           97.1 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         10/02/24           ND         0.0250         1         10/02/24           ND         0.0250         1         10/02/24           ND         0.0500         1         10/02/24           ND         0.0500         1         10/02/24           ND         70-130         10/02/24           97.1 %         70-130         10/02/24           97.1 %         70-130         10/02/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         10/02/24           97.1 %         70-130         10/02/24           97.1 %         70-130         10/02/24           97.1 %         70-130         10/02/24           102 %         70-130         10/02/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         10/02/24           ND         50.0         1         10/02/24           ND         50.0         1         10/02/24           mg/kg	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         10/02/24         10/03/24           ND         0.0500         1         10/02/24         10/03/24           ND         0.0250         1         10/02/24         10/03/24           97.1 %         70-130         10/02/24         10/03/24           97.1 %         70-130         10/02/24         10/03/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         10/02/24         10/03/24           97.1 %         70-130         10/02/24         10/03/24           97.1 %         70-130         10/02/24         10/03/24           97.1 %         70-130         10/02/24         10/03/24           mg/kg         mg/kg         Analyst: NV           ND         50.0         1         10/02



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS3-6'

#### E410009-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2440077
Benzene	ND	0.0250	1		10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	Į.	10/02/24	10/03/24	
Toluene	ND	0.0250	1	l	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	Į.	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	Į.	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	ļ	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	د	Analyst: B	A		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	IV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1		10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/02/24	10/03/24	
Surrogate: n-Nonane		110 %	50-200		10/02/24	10/03/24	
A L. EDA 200 0/0056 A	mg/kg	mg/kg		Analyst: D	T		Batch: 2440081
Anions by EPA 300.0/9056A	8 8	0 0					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW4-6' E410009-07

		. ,					
	_	Reporting	_	_	_		
Analyte	Result	Limit	Dilu	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA			Batch: 2440077
Benzene	ND	0.0250	1	l 1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	1 1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	1 1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	1 1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	1 1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	l 1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	i	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	i	10/02/24	10/03/24	
Surrogate: Toluene-d8		98.7 %	70-130	i	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA			Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	i	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	i	10/02/24	10/03/24	
Surrogate: Toluene-d8		98.7 %	70-130	i	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV			Batch: 2440064
Diesel Range Organics (C10-C28)	61.0	25.0	1	1 1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l 1	10/02/24	10/03/24	
Surrogate: n-Nonane		106 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT			Batch: 2440081



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW5-6'

		E410009-08				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	l Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA		Batch: 2440077
Benzene	ND	0.0250	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		110 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2440081
Chloride	ND	20.0	1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS4-10' E410009-09

		E410007-07					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/02/24	10/03/24	
Surrogate: n-Nonane		117 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2440081
Chloride	ND	20.0	1	1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW6-10' E410009-10

		E-110007-10				
Austra	Dl/	Reporting		Sin Day	A colon 1	N
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA		Batch: 2440077
Benzene	ND	0.0250	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	27.8	25.0	1	10/02/24	10/03/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		124 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2440081
Chloride	ND	20.0	1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW7-10' E410009-11

		E410009-11					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	ution	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.3 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.3 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		112 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	ND	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW8-10' E410009-12

		12410007-12				
Analyte	Result	Reporting Limit	Dilu	tion Prepare	ed Analyzed	Notes
Maye				1	7 mary zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA		Batch: 2440077
Benzene	ND	0.0250	1	10/02/2	10/03/24	
Ethylbenzene	ND	0.0250	1	10/02/2	24 10/03/24	
Toluene	ND	0.0250	1	10/02/2	24 10/03/24	
o-Xylene	ND	0.0250	1	10/02/2	24 10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/2	24 10/03/24	
Total Xylenes	ND	0.0250	1	10/02/2	24 10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/02/2	24 10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/02/2	24 10/03/24	
Surrogate: Toluene-d8		96.1 %	70-130	10/02/2	24 10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/2	24 10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/02/2	24 10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/02/2	24 10/03/24	
Surrogate: Toluene-d8		96.1 %	70-130	10/02/2	24 10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	27.7	25.0	1	10/02/2	24 10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/2	24 10/03/24	
Surrogate: n-Nonane		111 %	50-200	10/02/2	24 10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM		Batch: 2440081
Chloride	ND	20.0	1	10/03/2	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS5-9'

#### E410009-13

		Reporting	Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077			
Benzene	ND	0.0250	1	1	10/02/24	10/03/24				
Ethylbenzene	ND	0.0250	1	1	10/02/24	10/03/24				
Toluene	ND	0.0250	1	1	10/02/24	10/03/24				
o-Xylene	ND	0.0250	1	1	10/02/24	10/03/24				
p,m-Xylene	ND	0.0500	1	1	10/02/24	10/03/24				
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24				
Surrogate: Bromofluorobenzene		97.7 %	70-130		10/02/24	10/03/24				
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		10/02/24	10/03/24				
Surrogate: Toluene-d8		95.9 %	70-130		10/02/24	10/03/24				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077			
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/02/24	10/03/24				
Surrogate: Bromofluorobenzene		97.7 %	70-130		10/02/24	10/03/24				
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		10/02/24	10/03/24				
Surrogate: Toluene-d8		95.9 %	70-130		10/02/24	10/03/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064			
Diesel Range Organics (C10-C28)	27.6	25.0	1	1	10/02/24	10/03/24				
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/02/24	10/03/24				
Surrogate: n-Nonane		116 %	50-200		10/02/24	10/03/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081			
	456	20.0			10/03/24	10/03/24				

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW9-9'

		E410009-14					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	l	10/02/24	10/03/24	
Toluene	ND	0.0250	1	l	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	l	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		94.9 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		94.9 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/02/24	10/03/24	
Surrogate: n-Nonane		114 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081

20.0

1

10/03/24

10/03/24

626



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW10-9'

		E410009-15					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.2 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.2 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		98.4 %	50-200	·	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	635	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CW11-9' E410009-16

		2.10007 10					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
			Di	Analyst:		7 mary zea	Batch: 2440077
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst.	10/02/24	10/03/24	Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1			
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	59.5	25.0	•	1	10/02/24	10/03/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.9 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2440081
Chloride	250	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS6-1'

#### E410009-17

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2440077
Benzene	ND	0.0250	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		93.5 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		93.5 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		101 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: JM		Batch: 2440081



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS12-1'

	Reporting					
Result	Limit	Di	lution	Prepared	Analyzed	Notes
ng/kg	mg/kg		Analyst:	BA		Batch: 2440077
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
ND	0.0500		1	10/02/24	10/03/24	
ND	0.0250		1	10/02/24	10/03/24	
	97.5 %	70-130		10/02/24	10/03/24	
	102 %	70-130		10/02/24	10/03/24	
	95.7 %	70-130		10/02/24	10/03/24	
ng/kg	mg/kg		Analyst:	BA		Batch: 2440077
ND	20.0		1	10/02/24	10/03/24	
	97.5 %	70-130		10/02/24	10/03/24	
	102 %	70-130		10/02/24	10/03/24	
	95.7 %	70-130		10/02/24	10/03/24	
ng/kg	mg/kg		Analyst:	NV		Batch: 2440064
25.2	25.0		1	10/02/24	10/03/24	
ND	50.0		1	10/02/24	10/03/24	
	99.4 %	50-200		10/02/24	10/03/24	
ng/kg	mg/kg		Analyst:	JM		Batch: 2440081
ND	20.0		1	10/03/24	10/03/24	
r	ng/kg ND	Result Limit  ng/kg mg/kg  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0500  ND 0.0250  97.5 %  102 %  95.7 %  ng/kg mg/kg  ND 20.0  97.5 %  102 %  95.7 %  ng/kg mg/kg  ND 20.0  97.4 %  ng/kg mg/kg  ng/kg mg/kg  ng/kg mg/kg	Result Limit Di  ng/kg mg/kg  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0500  ND 0.0250  P7.5 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  102 % 70-130  95.7 % 70-130  102 % 70-130  95.7 % 70-130  102 % 70-130  99.4 % 50-200  ng/kg mg/kg  25.2  25.0  ND 50.0  99.4 % 50-200  ng/kg mg/kg	Result         Limit         Dilution           ng/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.5 %         70-130           102 %         70-130           95.7 %         70-130           ng/kg         mg/kg         Analyst:           102 %         70-130           95.7 %         70-130           ng/kg         mg/kg         Analyst:           25.2         25.0         1           ND         50.0         1           99.4 %         50-200	Result   Limit   Dilution   Prepared	Result   Limit   Dilution   Prepared   Analyzed



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

#### CS7-2'

		E410009-19					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081

20.0

10/03/24

10/03/24

362



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

### CW13-2'

		E410009-20					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		98.8 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	465	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/3/2024 3:42:08PM

Plains TX, 79355-0247		Project Manager		om Bynum				10/	3/2024 3:42:08PN
<u>'</u>	v	olatile Organi			PA 82601	B			Analyst: BA
	<u> </u>	Reporting	Spike	Source		Rec		RPD	maryst. B/1
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2440077-BLK1)						I	Prepared: 10	0/02/24 Anal	yzed: 10/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			
LCS (2440077-BS1)						I	Prepared: 10	0/02/24 Anal	yzed: 10/02/24
Benzene	2.28	0.0250	2.50		91.4	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.49	0.0250	2.50		99.5	70-130			
p,m-Xylene	4.98	0.0500	5.00		99.6	70-130			
Total Xylenes	7.47	0.0250	7.50		99.6	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS Dup (2440077-BSD1)						I	Prepared: 10	0/02/24 Anal	yzed: 10/02/24
Benzene	2.31	0.0250	2.50		92.5	70-130	1.22	23	
Ethylbenzene	2.49	0.0250	2.50		99.4	70-130	4.44	27	
Toluene	2.40	0.0250	2.50		96.1	70-130	3.60	24	
o-Xylene	2.61	0.0250	2.50		104	70-130	4.65	27	
p,m-Xylene	5.18	0.0500	5.00		104	70-130	3.94	27	
Total Xylenes	7.79	0.0250	7.50		104	70-130	4.17	27	
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			

0.500

102

70-130



Surrogate: Toluene-d8

0.508

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/3/2024 3:42:08PM

Nonhalogenated	<b>Organics</b>	by EPA	8015D -	GRO

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

Blank (2440077-BLK1)						Prepared: 10	/02/24 A	Analyzed: 10/02/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.488		0.500	97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500	98.3	70-130			
Surrogate: Toluene-d8	0.508		0.500	102	70-130			
LCS (2440077-BS2)						Prepared: 10	/02/24 A	Analyzed: 10/02/24
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	101	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500	97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500	98.3	70-130			
Surrogate: Toluene-d8	0.516		0.500	103	70-130			
LCS Dup (2440077-BSD2)						Prepared: 10	/02/24 A	Analyzed: 10/02/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	99.0	70-130	2.07	20	
Surrogate: Bromofluorobenzene	0.488		0.500	97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500	100	70-130			
Surrogate: Toluene-d8	0.518		0.500	104	70-130			



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/3/20243:42:08PM

Plains TX, 79355-0247		Project Manager	r: 10	m Bynum					10/3/2024 3:42:08PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2440064-BLK1)							Prepared: 1	0/02/24 A	nalyzed: 10/03/24
riesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.6		50.0		97.3	50-200			
.CS (2440064-BS1)							Prepared: 1	0/02/24 A	nalyzed: 10/03/24
riesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
urrogate: n-Nonane	49.0		50.0		98.0	50-200			
Matrix Spike (2440064-MS1)				Source:	E410009-	05	Prepared: 1	0/02/24 A	nalyzed: 10/03/24
tiesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
urrogate: n-Nonane	49.0		50.0		98.1	50-200			
Matrix Spike Dup (2440064-MSD1)				Source:	E410009-	05	Prepared: 1	0/02/24 A	nalyzed: 10/03/24
tiesel Range Organics (C10-C28)	305	25.0	250	ND	122	38-132	13.0	20	
urrogate: n-Nonane	51.8		50.0		104	50-200			

Pima Environmental Services-Carlsbac PO Box 247	l	Project Name: Project Number:		Diamond PWU 1058-0007	22 #1H				Re	ported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					10/3/2024	4 3:42:08PM
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analy	st: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2440081-BLK1)							Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	ND	20.0								
LCS (2440081-BS1)							Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2440081-MS1)				Source:	E410009-	04	Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2440081-MSD1)				Source:	E410009-	04	Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	256	20.0	250	ND	103	80-120	0.303	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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/03/24 15:42

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Pr	ogram	]
1	SDWA	],
	RCRA	
aZ	-	1
١Z	TX	

Client: Pima Envi	ronmoni	tal Service	200	Bill To		T		La	ab Us	e Onl	У				TA	T	EPA P	rogram
Project: Diamon			505	Attention: Devon Energy		Lab	WO#	†		Job N	lumbe	r	1D	2D	3D	Standard	CWA	SDWA
Project Manager:				Address:		E4	100	009					X		1.3			
Address: 5614 N.				City, State, Zip						Analy:	sis and	Method	d					RCRA
City, State, Zip Ho	bbs, NN	И. 88240		Phone:														
Phone: 806-782-				Email:		015	015				- 1					and co	State	TTVI
Email: tom@pim	naoil.com	n		Work Order/Billing #: 2114559	8	by 8	by 8	121	09	0	0.00		Σ	¥			UT AZ	TX
Report due by:				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								Х						
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ Бу 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	ВСБОС			Remarks	
1:03 10/1/24	S	1	CS1-1'		1								X					
9:17			CW1-1'		2								Ш					
9:21			CS2-6'		3								Ц					
9:36			CW2-6'		4								Ш					
Page 31			CW3-6'		5								Ц					
age .56			CS3-6'		6								Ц					
31 of 33			CW4-6'		٦								Ц					
24			CW5-6'		8													
10:36			CS4-10'		9								Ц					
10.56			CW6-10'		10													
Additional Instruc	tions:	Pima Pro	oiect #s 1-281-	-2/1-281-3 nAB1721657722 & nAB	1914250	102												
1 (5-14			San Artist and the same of the same	am aware that tampering with or intentionally mislabel			ion.									eived on ice the day		led or received
date or time of collection										packed	in ice at	an avg tem	p above	0 but le	ess than 6	°C on subsequent d	ays.	
Relinquished by: (Signal Carring A	ature)	Date	0.2.24 mg	130 Received by: (Signature)	Date 2	.24	Tinge	1	30	Rece	eived (	on ice:	0	ab U	se Onl I	y		
Relinquished by (Signa	ature)	Date	1-224 1	Received by: (Signature)	Date (0-2-	24	Time	tio		T1						<u>T3</u>		
Relinquished by: (Signa	ature)	Date		Received by: (Signature)	Date 10-3-	70	Time	5U	7)	AVG	Temp	°C	4					
Sample Matrix: S - Soil, Se	d - Solid So	- Sludge A -	Aqueous O - Other	100/10/1	Containe	er Typ	e: g -	glass	, p - p	oly/pl	astic, a	g - amb	er gla	ass, v	- VOA			
Note: Samples are disc	carded 30 d	days after re	esults are reported	unless other arrangements are made. Hazardous	samples wil	ll be re	eturne	d to cl	lient o	r dispo	sed of	at the cli	ent ex	pense	. The r	eport for the ar	alysis of the	above
samples is applicable of	only to tho	se samples	received by the lab	oratory with this COC. The liability of the laborato	ry is limited	to the	amou	nt pai	d for o	on the	report.						_	
										-							_	_ 1

at or disposed of at the client expense. The report for the analysis of the above or on the report.

Page 250

Company of the client expense. The report for the analysis of the above or on the report.

Client: Pima Enviror	Pima Environmental Services  Bill To  Lab Use Only										TAT			EPA Program					
roject: Diamond F	PWU 2	22 #1H		Attention: Devon Energy			WO#				Num			2D	3D	Sta	ndard	CWA	SDWA
roject Manager: To				Address:		EL	100	o	1	Ole	58	000	7 X						
Address: 5614 N. Lo				City, State, Zip						Analy	sis ar	nd Meth	od	1	_	_			RCRA
City, State, Zip Hobb		1, 8824	0	Phone:		1	-40	1				1 (1-1		1		1 1		Ctata	
Phone: 806-782-115		_		Email:		8015	8015	100			_					lł	NM CO	State UT AZ	TVI
Email: tom@pimac	JII.COH	1		Work Order/Billing #: 211455	598	à	by a	3021	260	010	300.0		Σ	¥		l ŀ	X	OT AL	1^
Report due by:		27.00			Lab	ORC	DRC	by 8	by 8.	ls 60	ide			100		l t	^ _		
Time Date N Sampled Sampled	Matrix	No. of Containers	Sample ID		Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос				Remarks	
100 10/1/24	S	1	CW7-10'		1)								X						
11:17			CW8-10'		12														
11:28		1	CS5-9'		13								Ħ						
	$\vdash$	+											$^{+}$	1					
11:36		_	CW9-9'		14								+	-		H			
5:42			CW10-9'		15								Ц						
3.51			CW11-9'		16														
2 58			CS6-1'		17														
2.09			CW12-1'		18														
2:20			CS7-2'		19								П						
12:21			CW13-2'		20								П						
Additional Instruction	ns: P	ima Pro		2/1-281-3 nAB1721657722 & nA		102										1 1			
(field sampler), attest to the		Mary San	STATE OF THE OWNER OWNER OF THE OWNER OWN	ım aware that tampering with or intentionally mislab			on,											they are sampl	ed or received
ate or time of collection is co	Charles Anna Anna Anna		may be grounds for leg							packet	in ice a	it an avg ten	9,000,00				ubsequent da	iys.	
Relinquished by: (Signature	me	Date	0.2.24	30 Received by: (Signature)	Date 10.2	24	Time	13	0	Rec	eived	on ice:		.ab U ₹/ N	se Or I	nly			
Relinquished by: (Signature		Date	).2.24 Time	Received by: (Signature)	Date 10 · 2 -	24	Time	io	6	T1			T2				Т3		
Relinquished by: (Signature	e)	Date	e Time	Received by: (Signature)	Date		Time						11						
-/Kulle		10	.2.24 20:	45 Mugaga K Hell	10.3.	24		101				p °C	4						
ample Matrix: S - Soil, Sd - So					Containe														
				nless other arrangements are made. Hazardo									ent ex	pense	. The	report	for the ana	alysis of the	above
amples is applicable only	to those	samples	received by the labo	ratory with this COC. The liability of the laborat	ory is limited t	o the a	mour	nt paid						_					-
									0	1	3	0	n	M	1	Ir a	01	e	0
									4					A					

Printed: 10/3/2024 8:29:51AM

#### **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.

	no response concerning these items within 24 hours or		,		,200 05 104055500		
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/03/24 05	5:00	Work	Order ID:	E410009
Phone:	(575) 631-6977	Date Logged In:	10/02/24 14	4:06	Logg	ed In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/03/24 17	7:00 (0 day TAT)			
Chain of	Custody (COC)						
	te sample ID match the COC?		Yes				
	te number of samples per sampling site location ma	tch the COC					
	amples dropped off by client or carrier?		Yes Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No	Camer: <u>C</u>	<u>ourier</u>		
	Il samples received within holding time?	stea anaryses.	Yes				
3. Word as	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		103			Comments	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by not	t provide	d on COC per
Sample C	<u>Cooler</u>				client.		
7. Was a s	ample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	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	re received w/i 15	Yes				
13. If no v	risible ice, record the temperature. Actual sample	e temperature: 4°C	<u> </u>				
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 contai	ners collected?	Yes				
Field Lab		, •					
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
Sample P	reservation_						
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborate	ory?	No				
	subcontract laboratory specified by the client and i	•		Subcontract Lab	o: NA		
Client In	struction						
<u>enent II</u>	ist detaon						

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: Diamond PWU 22 #1H

Work Order: E410089

Job Number: 01058-0007

Received: 10/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/10/24

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: 10/10/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Diamond PWU 22 #1H

Workorder: E410089

Date Received: 10/10/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/10/2024 8:00:00AM, under the Project Name: Diamond PWU 22 #1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 #1H 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

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CW9-9'	5
CS10-9'	6
CW11-9'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

### Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	Donoutode
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/24 13:21

Client Sample ID	Lab Sample ID Matrix	Sampled Received	Container
CW9-9'	E410089-01A Soil	10/08/24 10/10/24	Glass Jar, 2 oz.
CS10-9'	E410089-02A Soil	10/08/24 10/10/24	Glass Jar, 2 oz.
CW11-9'	E410089-03A Soil	10/08/24 10/10/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/2024 1:21:22PM

### CW9-9'

#### E410089-01

		L+10007 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: CG		Batch: 2441051
Benzene	ND	0.0250	1	10/10/24	10/10/24	
Ethylbenzene	ND	0.0250	1	10/10/24	10/10/24	
Toluene	ND	0.0250	1	10/10/24	10/10/24	
o-Xylene	ND	0.0250	1	10/10/24	10/10/24	
p,m-Xylene	ND	0.0500	1	10/10/24	10/10/24	
Total Xylenes	ND	0.0250	1	10/10/24	10/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2441051
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/24	10/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2441067
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/24	10/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/24	10/10/24	
Surrogate: n-Nonane		82.5 %	50-200	10/10/24	10/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2441070
Chloride	ND	20.0	1	10/10/24	10/10/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/2024 1:21:22PM

#### CS10-9'

#### E410089-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2441051
Benzene	ND	0.0250	1	10/10/24	10/10/24	
Ethylbenzene	ND	0.0250	1	10/10/24	10/10/24	
Toluene	ND	0.0250	1	10/10/24	10/10/24	
o-Xylene	ND	0.0250	1	10/10/24	10/10/24	
p,m-Xylene	ND	0.0500	1	10/10/24	10/10/24	
Total Xylenes	ND	0.0250	1	10/10/24	10/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2441051
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/24	10/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2441067
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/24	10/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/24	10/10/24	
Surrogate: n-Nonane		75.1 %	50-200	10/10/24	10/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2441070
Chloride	ND	20.0	1	10/10/24	10/10/24	



Chloride

### Sample Data

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/2024 1:21:22PM

#### CW11-9' E410089-03

#### Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: CG Batch: 2441051 Volatile Organics by EPA 8021B 10/10/24 10/10/24 Benzene ND 0.025010/10/24 10/10/24 1 Ethylbenzene ND 0.025010/10/24 10/10/24 ND 0.0250 1 Toluene 1 10/10/24 10/10/24 ND 0.0250 o-Xylene ND 0.0500 10/10/24 10/10/24 p,m-Xylene 10/10/24 10/10/24 1 ND 0.0250 Total Xylenes

Total Aylelles	ND	0.0230		•	10/10/21	10/10/21	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: CG		Batch: 2441051
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/10/24	10/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130		10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	st: NV		Batch: 2441067
Diesel Range Organics (C10-C28)	ND	25.0		1	10/10/24	10/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/10/24	10/10/24	
Surrogate: n-Nonane		61.4 %	50-200		10/10/24	10/10/24	
Anions by EPA 300 0/9056A	mg/kg	mg/kg		Analys	st: JM		Batch: 2441070

20.0

ND

10/10/24

10/10/24

Diamond PWU 22 #1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 10/10/2024 1:21:22PM **Volatile Organics by EPA 8021B** Analyst: CG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2441051-BLK1) Prepared: 10/09/24 Analyzed: 10/09/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.82 8.00 97.8 70-130 LCS (2441051-BS1) Prepared: 10/09/24 Analyzed: 10/09/24 4.10 81.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.44 0.0250 5.00 88.9 70-130 4.38 0.0250 5.00 87.7 70-130 Toluene o-Xylene 4.46 0.0250 5.00 89.3 70-130 9.06 10.0 90.6 70-130 0.0500 p.m-Xvlene 90.1 70-130 13.5 15.0 Total Xylenes 0.0250 8.00 97.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.83 Matrix Spike (2441051-MS1) Source: E410084-01 Prepared: 10/09/24 Analyzed: 10/09/24 4.85 0.0250 5.00 ND 97.0 54-133 Benzene ND 61-133 Ethylbenzene 5.27 0.0250 5.00 105 Toluene 5.21 0.0250 5.00 ND 104 61-130 5.32 ND 106 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.7 0.0500 10.0 ND 107 63-131 16.0 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.81 8.00 Matrix Spike Dup (2441051-MSD1) Source: E410084-01 Prepared: 10/09/24 Analyzed: 10/10/24 5.32 0.0250 5.00 ND 54-133 9.30 ND 61-133 1.70 5.18 0.0250 5.00 104 20 Ethylbenzene 61-130 Toluene 5.27 0.0250 5.00 ND 105 1 14 20 5.19 5.00 ND 104 63-131 2.60 20 o-Xylene 0.0250 10.5 10.0 ND 105 63-131 1.63 20 p,m-Xylene 0.0500 Total Xylenes 15.7 0.0250 15.0 ND 105 63-131 1.95 20

8.00

100

70-130



Surrogate: 4-Bromochlorobenzene-PID

8.00

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/2024 1:21:22PM

Plains TX, 79355-0247		Project Manage		m Bynum				10/1	0/2024 1:21:22PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2441051-BLK1)							Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
LCS (2441051-BS2)							Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			
Matrix Spike (2441051-MS2)				Source:	E410084-	01	Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike Dup (2441051-MSD2)				Source:	E410084-	)1	Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	37.6	20.0	50.0	ND	75.1	70-130	1.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/10/2024 1:21:22PM

	Project Manage	r: To	m Bynum				I.	0/10/2024 1:21:22PI
Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 1	0/10/24 An	alyzed: 10/10/24
ND	25.0							
ND	50.0							
44.9		50.0		89.8	50-200			
						Prepared: 1	0/10/24 An	alyzed: 10/10/24
254	25.0	250		102	38-132			
49.6		50.0		99.2	50-200			
			Source:	E410089-	02	Prepared: 1	0/10/24 An	alyzed: 10/10/24
183	25.0	250	ND	73.2	38-132			
38.2		50.0		76.4	50-200			
			Source:	E410089-	02	Prepared: 1	0/10/24 An	alyzed: 10/10/24
198	25.0	250	ND	79.0	38-132	7.70	20	
42.8		50.0		85.7	50-200			
	Result mg/kg  ND ND 44.9  254 49.6	Nonhalogenated Organization   Reporting Limit mg/kg   Limit mg/kg	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151   Result	Nonhalogenated Organics by EPA 8015D - DRO   Result   Limit   Level   Result   Rec   mg/kg   mg/kg   mg/kg   mg/kg   %     ND	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Limit   Level   Result   Rec   Limits   mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %   %   %   %   %   %   %	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Reporting   Limit   Level   Result   Rec   Limits   RPD   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %   %   %   %   %   %   %	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Rec   Limit   Level   Result   Rec   Limits   RPD   Limit   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % % % % % % % % % % % % %



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	_	Diamond PWU 1058-0007	22 #1H				Ro	eported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					10/10/20	24 1:21:22PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Anal	yst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2441070-BLK1)							Prepared:	10/10/24	Analyzed	: 10/10/24
Chloride	ND	20.0								
LCS (2441070-BS1)							Prepared:	10/10/24	Analyzed	: 10/10/24
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2441070-MS1)				Source:	E410062-	03	Prepared:	10/10/24	Analyzed	10/10/24
Chloride	812	20.0	250	520	117	80-120				
Matrix Spike Dup (2441070-MSD1)				Source:	E410062-	03	Prepared:	10/10/24	Analyzed	10/10/24
Chloride	803	20.0	250	520	113	80-120	1.05	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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/24 13:21

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



lient: D	ima Envi	ironment	tal Servi	200	- I	I	Bill To					l a	h He	e Onl	· ·					TA	\T		EPA Pr	ngram
	Diamor			<u> </u>		Attention:	Devon Energy			Lab	WO#			Job N		er .		1D ]	2D	3D		andard	CWA	SDWA
	lanager:					Address:				Fu	100	20				8		$\frac{1}{X}$						
	5614 N.					City, State,	Zip				100	0		Analys	sis ar	d Met	hod	·\_1						RCRA
			<i>I</i> . 88240			Phone:								Ť				П	1					
	306-782-					Email:			:	2	2										ı		State	
mail: 1	om@pin	naoil.cor	n			101	1. /5:11: 4 044	45500	<del></del>	80	y 8015	ᇤ	ا ۾ ا	_	ջ			~		l	ı	NM CO	UT AZ	TX
Report d	ue by:					Work Or	der/Billing #: 211	45598		80 b	RO by	802	826	910	8	l	-	ž	¥			х		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Number	DRO/ORO by 8015	GRO/DRO	втех by 802	VOC by 8260	Metals 6010	Chloride 300.0		İ	верос	верос				Remarks	
0:30 0:30	10/8/24	S	1	CW9-9'														x						
6:43				CW10-9'					2														-	
6:59				CW11-9'					3									П						
	<b>-</b>			<del></del>														•						
					<del></del>				:							十	$\neg$							
																	-	$\dashv$						
		-														_	$\dashv$	_				!		
. <u> </u>				ļ					1															
									1															
									<u> </u>						-									
						_																		
Addition	al Instruc	tions: F	Pima Pro	ject #s 1-2	81-2/1		AB1721657722 &	nAB19	142501	102				ļ		I_	J.	1						
	• •			city of this samp		-	ring with or intentionally m	islabelling	the sample	locatio	on,				-	-	-					on ice the day t	hey are sample	d or received
	d by: (Signa		Date	1 / Ti	ne			a lo	ate		Time					1.0		La	b Us	e On	lv			1. 4. 1.55
Lui	ime f	Hane		18124	2:2		d by: (signature)		10-93	4		121		Rece	ived	on ic	e:		/ N		.,			
	ed by (Signature)				1637		d by: (Signature)		oáte 6 • 9 • 1	<u> </u>		30		<u>T1</u>			_ :	Γ2	Ž.			Т3		
Relinguishe	ed by: (Signa	eture)	Date /O		ne 2215	Receive	ed by: (Signature)	1.	ite 10•10•	24	Time	a)		AVG	Tem	p °C_	4							
iample Mati				queous, O - Othe			7		ontainer	<u></u>	: <b>g</b> - g	lass,					mbei	glas	s, v -	VOA				
Note: Sami	oles are disc	arded 30 d	ays after re	sults are report	ted unles	s other arrang	ements are made. Haza														eport	for the ana	lysis of the	above

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

Page 13 of 14

Page 553 of 590

envirotech Inc.

Printed: 10/10/2024 8:24:09AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

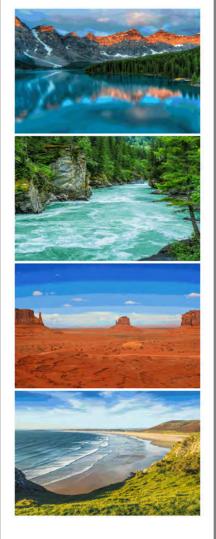
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/10/24 08:00	0		Work Order ID:	E410089
Phone:	(575) 631-6977	Date Logged In:	10/09/24 14:50	6		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/10/24 17:0	0 (0 day TAT)			
<ol> <li>Does th</li> <li>Does th</li> <li>Were sa</li> </ol>	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location ma  umples dropped off by client or carrier?  e COC complete, i.e., signatures, dates/times, reque		Yes Yes Yes No	Carrier: <u>C</u>	<u>Courier</u>		
	I samples received within holding time?  Note: Analysis, such as pH which should be conducted is i.e, 15 minute hold time, are not included in this disucssi		Yes	ı		Comments	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by	y not provide	d on COC per
Sample C	<u>ooler</u>				client.		
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e 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				
	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 risible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	<u>ontainer</u>						
14. Are aq	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum info	ormation:					
	imple ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	•			
	reservation		No				
	the COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?	reserved.	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix		110				
	the sample matrix:	uca?	No				
	does the COC specify which phase(s) is to be analy		No				
		yzeu:	NA				
	act Laboratory						
	mples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Sul	bcontract Lab	o: NA		
Client In	struction						

Date

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

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: Diamond PWU 22 1H

Work Order: E501213

Job Number: 01058-0007

Received: 1/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/4/25

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: 2/4/25

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E501213

Date Received: 1/29/2025 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/29/2025 7:15:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H 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

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



### **Table of Contents**

T	itle Page	1
C	Cover Page	2
T	able of Contents	3
S	ample Summary	5
S	ample Data	6
	S1- Surface	6
	S1-2'	7
	S1-4'	8
	S1-6'	9
	S1-8'	10
	S1-12'	11
	S1-16'	12
	S1-20'	13
	S2-Surface	14
	S2-2'	15
	S2-4'	16
	S2-6'	17
	S2-8'	18
	S2-12'	19
	S2-16'	20
	S2-20'	21
C	OC Summary Data	22
	QC - Volatile Organic Compounds by EPA8260B	22
	QC - Nonhalogenated Organics by EPA 8015D - GRO	23
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

# Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

### Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/04/25 15:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1- Surface	E501213-01A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-2'	E501213-02A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-4'	E501213-03A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-6'	E501213-04A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-8'	E501213-05A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-12'	E501213-06A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-16'	E501213-07A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S1-20'	E501213-08A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-Surface	E501213-09A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-2'	E501213-10A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-4'	E501213-11A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-6'	E501213-12A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-8'	E501213-13A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-12'	E501213-14A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-16'	E501213-15A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
S2-20'	E501213-16A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

### S1- Surface E501213-01

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2505080
Benzene	ND	0.0250		1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250		1	01/29/25	01/30/25	
Toluene	ND	0.0250		1	01/29/25	01/30/25	
o-Xylene	ND	0.0250		1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500		1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		113 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2505097
					01/30/25	01/30/25	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

#### S1-2' E501213-02

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•	, -	Batch: 2505080
Benzene	ND	0.0250		1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250		1	01/29/25	01/30/25	
Toluene	ND	0.0250		1	01/29/25	01/30/25	
o-Xylene	ND	0.0250		1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500		1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.8 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.8 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	:	1	01/31/25	02/01/25	
Surrogate: n-Nonane		117 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2505097
Chloride	98.2	20.0		1	01/30/25	01/30/25	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S1-4'

#### E501213-03

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Benzene	ND	0.0250	1	l	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	l	01/29/25	01/30/25	
Toluene	ND	0.0250	1	l	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	l	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	l	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	[	01/31/25	02/01/25	
Surrogate: n-Nonane		125 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2505097



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

#### S1-6' E501213-04

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA	1		Batch: 2505080
Benzene	ND	0.0250	1		01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1		01/29/25	01/30/25	
Toluene	ND	0.0250	1		01/29/25	01/30/25	
o-Xylene	ND	0.0250	1		01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1		01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1		01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA	<b>L</b>		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF	7		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1		01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/31/25	02/01/25	
Surrogate: n-Nonane		120 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2505097
· ·	161	20.0	1		01/30/25	01/30/25	·

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

#### S1-8' E501213-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2505080
Benzene	ND	0.0250	1	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	l	01/29/25	01/30/25	
Toluene	ND	0.0250	1	l	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	l	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	l	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	[	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.0 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA	A		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.0 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AI	3		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/31/25	02/01/25	
Surrogate: n-Nonane		115 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Γ		Batch: 2505097



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

### S1-12' E501213-06

		2001210 00					
Analyta	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dii	ution	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2505080
Benzene	ND	0.0250		1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250		1	01/29/25	01/30/25	
Toluene	ND	0.0250		1	01/29/25	01/30/25	
o-Xylene	ND	0.0250		1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500		1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		126 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2505097
Chloride	182	20.0	_	1	01/30/25	01/30/25	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

### S1-16' E501213-07

D. I	Reporting	P.1		D 1		N.
Result	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
ND	0.0250		1	01/29/25	01/30/25	
ND	0.0250		1	01/29/25	01/30/25	
ND	0.0250		1	01/29/25	01/30/25	
ND	0.0250		1	01/29/25	01/30/25	
ND	0.0500		1	01/29/25	01/30/25	
ND	0.0250		1	01/29/25	01/30/25	
	97.5 %	70-130		01/29/25	01/30/25	
	97.7 %	70-130		01/29/25	01/30/25	
	104 %	70-130		01/29/25	01/30/25	
mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
ND	20.0		1	01/29/25	01/30/25	
	97.5 %	70-130		01/29/25	01/30/25	
	97.7 %	70-130		01/29/25	01/30/25	
	104 %	70-130		01/29/25	01/30/25	
mg/kg	mg/kg		Analyst:	AF		Batch: 2505159
ND	25.0	•	1	01/31/25	02/01/25	
ND	50.0		1	01/31/25	02/01/25	
	119 %	61-141		01/31/25	02/01/25	
mg/kg	mg/kg		Analyst:	DT		Batch: 2505097
178	20.0		1	01/30/25	01/30/25	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.5 %         97.7 %           104 %         104 %           mg/kg         mg/kg           ND         20.0           97.5 %         97.7 %           104 %         104 %           mg/kg         mg/kg           ND         25.0           ND         50.0           119 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.5 %         70-130           97.7 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         20.0           97.5 %         70-130           97.7 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           119 %         61-141           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.5 %         70-130           97.7 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           97.5 %         70-130         1           97.7 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           119 %         61-141           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/29/25           ND         0.0250         1         01/29/25           ND         0.0250         1         01/29/25           ND         0.0500         1         01/29/25           ND         0.0250         1         01/29/25           ND         0.0250         1         01/29/25           ND         70-130         01/29/25           97.5 %         70-130         01/29/25           104 %         70-130         01/29/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/29/25           97.5 %         70-130         01/29/25           97.7 %         70-130         01/29/25           97.7 %         70-130         01/29/25           104 %         70-130         01/29/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         01/31/25           ND         50.0         1         01/31/25           mg/kg	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/29/25         01/30/25           ND         0.0500         1         01/29/25         01/30/25           ND         0.0250         1         01/29/25         01/30/25           ND         0.0250         1         01/29/25         01/30/25           97.5 %         70-130         01/29/25         01/30/25           97.7 %         70-130         01/29/25         01/30/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/29/25         01/30/25           97.7 %         70-130         01/29/25         01/30/25           97.7 %         70-130         01/29/25         01/30/25           97.7 %         70-130         01/29/25         01/30/25           104 %         70-



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S1-20' E501213-08

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: BA		Batch: 2505080
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		103 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		117 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2505097
Chloride	197	20.0	1	01/30/25	01/30/25	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

#### S2-Surface E501213-09

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2505080
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		117 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2505097
Chloride	190	20.0	1	01/30/25	01/30/25	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-2' E501213-10

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	ВА		Batch: 2505080
Benzene	ND	0.0250	1		01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	l	01/29/25	01/30/25	
Toluene	ND	0.0250	1	Į.	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	Į.	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	Į.	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1		01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ı	Analyst: E	BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: A	AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1		01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/31/25	02/01/25	
Surrogate: n-Nonane		113 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	OT		Batch: 2505097

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-4'

#### E501213-11

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Benzene	ND	0.0250	1		01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1		01/29/25	01/30/25	
Toluene	ND	0.0250	1		01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	l	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	l	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		94.1 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		102 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		94.1 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		102 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1		01/31/25	02/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/31/25	02/03/25	
Surrogate: n-Nonane		115 %	61-141		01/31/25	02/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2505097



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

#### S2-6' E501213-12

Reporting		view December 1	A l d	N-4
Limit	Dilut	tion Prepared	Analyzed	Notes
g mg/kg	A	Analyst: BA		Batch: 2505080
0.0250	1	01/29/25	01/30/25	
0.0250	1	01/29/25	01/30/25	
0.0250	1	01/29/25	01/30/25	
0.0250	1	01/29/25	01/30/25	
0.0500	1	01/29/25	01/30/25	
0.0250	1	01/29/25	01/30/25	
96.9 %	70-130	01/29/25	01/30/25	
99.8 %	70-130	01/29/25	01/30/25	
104 %	70-130	01/29/25	01/30/25	
g mg/kg	A	Analyst: BA		Batch: 2505080
20.0	1	01/29/25	01/30/25	
96.9 %	70-130	01/29/25	01/30/25	
99.8 %	70-130	01/29/25	01/30/25	
104 %	70-130	01/29/25	01/30/25	
g mg/kg	A	Analyst: AF		Batch: 2505159
25.0	1	01/31/25	02/03/25	
50.0	1	01/31/25	02/03/25	
122 %	61-141	01/31/25	02/03/25	
g mg/kg	A	Analyst: DT		Batch: 2505097
20.0	1	01/30/25	01/30/25	
	Limit  mg/kg  0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 96.9 % 99.8 % 104 %  mg/kg  20.0  96.9 % 99.8 % 104 %  mg/kg  25.0 50.0  122 %  mg/kg	Limit Dilu  mg/kg  0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.	Limit         Dilution         Prepared           8         mg/kg         Analyst: BA           0.0250         1         01/29/25           0.0250         1         01/29/25           0.0250         1         01/29/25           0.0250         1         01/29/25           0.0500         1         01/29/25           0.0250         1         01/29/25           96.9 %         70-130         01/29/25           99.8 %         70-130         01/29/25           104 %         70-130         01/29/25           96.9 %         70-130         01/29/25           99.8 %         70-130         01/29/25           99.8 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %         70-130         01/29/25           104 %	Limit         Dilution         Prepared         Analyzed           mg/kg         Analyst: BA           0.0250         1         01/29/25         01/30/25           0.0250         1         01/29/25         01/30/25           0.0250         1         01/29/25         01/30/25           0.0500         1         01/29/25         01/30/25           0.0250         1         01/29/25         01/30/25           0.0250         1         01/29/25         01/30/25           96.9 %         70-130         01/29/25         01/30/25           99.8 %         70-130         01/29/25         01/30/25           104 %         70-130         01/29/25         01/30/25           96.9 %         70-130         01/29/25         01/30/25           99.8 %         70-130         01/29/25         01/30/25           99.8 %         70-130         01/29/25         01/30/25           99.8 %         70-130         01/29/25         01/30/25           104 %         70-130         01/29/25         01/30/25           104 %         70-130         01/29/25         01/30/25           104 %         70-130         01/29/25         01/30/2



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-8'

E501213-13	3
------------	---

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Benzene	ND	0.0250	1	l	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	l	01/29/25	01/30/25	
Toluene	ND	0.0250	1	l	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/31/25	02/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	[	01/31/25	02/03/25	
Surrogate: n-Nonane		118 %	61-141		01/31/25	02/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2505097



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-12' E501213-14

		Ecolate 11				
Analyte	Result	Reporting Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA	,	Batch: 2505080
Benzene	ND	0.0250	1	01/29/2	25 01/30/25	Batem 25 05 000
Ethylbenzene	ND	0.0250	1	01/29/2		
Toluene	ND	0.0250	1	01/29/2	25 01/30/25	
o-Xylene	ND	0.0250	1	01/29/2	25 01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/2	25 01/30/25	
Total Xylenes	ND	0.0250	1	01/29/2	25 01/30/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130	01/29/2	25 01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	01/29/2	25 01/30/25	
Surrogate: Toluene-d8		103 %	70-130	01/29/2	25 01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/2	25 01/30/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130	01/29/2	25 01/30/25	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	01/29/2	25 01/30/25	
Surrogate: Toluene-d8		103 %	70-130	01/29/2	25 01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/2	25 02/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/2	25 02/03/25	
Surrogate: n-Nonane		109 %	61-141	01/31/2	25 02/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2505097
Chloride	104	20.0	1	01/30/2	25 01/30/25	•



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-16' E501213-15

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2505080
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/29/25	01/30/25	
Surrogate: Toluene-d8		105 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/03/25	
Surrogate: n-Nonane		116 %	61-141	01/31/25	02/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2505097
Chloride	175	20.0	1	01/30/25	01/30/25	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

S2-20'

#### E501213-16

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Benzene	ND	0.0250		1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250		1	01/29/25	01/30/25	
Toluene	ND	0.0250		1	01/29/25	01/30/25	
o-Xylene	ND	0.0250		1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500		1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	Ī	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.7 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2505080
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene		95.7 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8		104 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2505159
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/03/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/03/25	
Surrogate: n-Nonane		115 %	61-141		01/31/25	02/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2505097



Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

### **QC Summary Data**

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 2/4/2025 3:35:07PM **Volatile Organic Compounds by EPA 8260B** Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2505080-BLK1) Prepared: 01/29/25 Analyzed: 01/30/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250

LCS (2505080-BS1)						Prepared: 01/29/25 Analyzed: 01/30/25
Benzene	2.50	0.0250	2.50	99.9	70-130	
Ethylbenzene	2.54	0.0250	2.50	102	70-130	

0.500

0.500

0.500

97.8

101

104

101

70-130

70-130

70-130

70-130

Toluene	2.55	0.0250	2.30	102	/0-130	
o-Xylene	2.55	0.0250	2.50	102	70-130	
p,m-Xylene	5.02	0.0500	5.00	100	70-130	
Total Xylenes	7.57	0.0250	7.50	101	70-130	
Surrogate: Bromofluorobenzene	0.469		0.500	93.8	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500	104	70-130	
Sumagata: Taluana de	0.512		0.500	102	70-130	

0.489

0.504

0.522

Surrogate: Toluene-d8	0.512		0.300		102	/0-130	
Matrix Spike (2505080-MS1)				Source:	E501213-0	06	Prepared: 01/29/25 Analyzed: 01/30/25
Benzene	2.42	0.0250	2.50	ND	96.7	48-131	

Benzene	2.42	0.0250	2.50	ND	96.7	48-131
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135
Toluene	2.45	0.0250	2.50	ND	98.0	48-130
o-Xylene	2.48	0.0250	2.50	ND	99.1	43-135
p,m-Xylene	4.92	0.0500	5.00	ND	98.3	43-135
Total Xylenes	7.39	0.0250	7.50	ND	98.6	43-135
Surrogate: Bromofluorobenzene	0.484		0.500		96.8	70-130
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130
Surrogate: Toluene-d8	0.506		0.500		101	70-130

0.505

Matrix Spike Dup (2505080-MSD1)			Source:	Source: E501213-06			Prepared: 01/29/25 Analyzed: 01/30/25		
Benzene	2.33	0.0250	2.50	ND	93.2	48-131	3.62	23	
Ethylbenzene	2.35	0.0250	2.50	ND	93.9	45-135	4.33	27	
Toluene	2.34	0.0250	2.50	ND	93.6	48-130	4.57	24	
o-Xylene	2.41	0.0250	2.50	ND	96.2	43-135	2.93	27	
p,m-Xylene	4.74	0.0500	5.00	ND	94.8	43-135	3.69	27	
Total Xylenes	7.14	0.0250	7.50	ND	95.3	43-135	3.43	27	
Surrogate: Bromofluorobenzene	0.478		0.500		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			

0.500

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum2/4/20253:35:07PM

Nonhalogenated Organics by l	EPA 8015D - GRO
------------------------------	-----------------

Anal	x 701	٠.	D
Allal	VS	ı.	$\mathbf{D}_{I}$

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	RPD	Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2505080-BLK1)							Prepared: 0	1/29/25 Anal	yzed: 01/30/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130					
Surrogate: Toluene-d8	0.522		0.500		104	70-130					
LCS (2505080-BS2)							Prepared: 0	1/29/25 Anal	yzed: 01/30/25		
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130	·	·	·		
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130					
Surrogate: Toluene-d8	0.517		0.500		103	70-130					
Matrix Spike (2505080-MS2)					Source: E501213-06			Prepared: 01/29/25 Analyzed: 02/04/25			
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	70-130					
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130					
Surrogate: Toluene-d8	0.502		0.500		100	70-130					
Matrix Spike Dup (2505080-MSD2)	x Spike Dup (2505080-MSD2)				Source: E501213-06			Prepared: 01/29/25 Analyzed: 01/30/25			
Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	70-130	1.03	20			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130					
Surrogate: Toluene-d8	0.515		0.500		103	70-130					



## **QC Summary Data**

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/4/2025 3:35:07PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				2	2/4/2025 3:35:07PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505159-BLK1)							Prepared: 0	1/31/25 Ana	alyzed: 02/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	61-141			
LCS (2505159-BS1)							Prepared: 0	1/31/25 Ana	alyzed: 02/04/25
Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	56.7		50.0		113	61-141			
Matrix Spike (2505159-MS1)				Source:	E501213-	12RE1	Prepared: 0	1/31/25 Ana	alyzed: 02/03/25
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	59.8		50.0		120	61-141			
Matrix Spike Dup (2505159-MSD1)				Source:	E501213-	12RE1	Prepared: 0	1/31/25 Ana	alyzed: 02/03/25
Diesel Range Organics (C10-C28)	304	25.0	250	ND	121	56-156	3.74	20	
Surrogate: n-Nonane	61.4		50.0		123	61-141			



## **QC Summary Data**

Pima Environmental Services-Carlsbac PO Box 247	i	Project Name: Project Number:		piamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager	: Т	om Bynum					2/4/2025 3:35:07PM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505097-BLK1)							Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	ND	20.0							
LCS (2505097-BS1)							Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2505097-MS1)				Source:	E501213-	04	Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	403	20.0	250	161	97.0	80-120			
Matrix Spike Dup (2505097-MSD1)				Source:	E501213-	04	Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	420	20.0	250	161	104	80-120	4.08	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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/04/25 15:35

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Received by OCD: 2/17/2025 9:13:02 AM

[	Clic	ent Infor	mation		33.	Invoice Information			,		Lab	Us	e On	ly				TA	ιT	100		Stat	:e
Client: P	ima Enviro	nmental	Services.	LLC	]	Company: Devon Energy		1	lab	WO	#		Job	Nun	ber		<b>1</b> D	2D	3D St	d	NM	CO UT	TX
Project	Name: Diai	nond PW	/U 22 1H			Address:			EC	loc	213	3	al	<b>S</b>	a	707			х		х		
<u>Project</u>	Manager: 1	om Bynu	m		]	City, State, Zip:	<del></del>	[	1					14.			1, 1,5		in Contract Land				
	: 5614 N Lo		•		4	Phone:							Ana	ysis	and	Met	hod					A Progr	T
	te, Zip: Ho		88240		-1	Email:			$f_{i+1}$			į								SD	WA	CWA	RCRA
1	(580)748-1				4.	Miscellaneous: Project No. #1-28	1-3		<b>,</b>			ı								-			<del>                                     </del>
Email: To	om@pima	oil.com_			_					210	됩									_	npliar SID#	ice Y	or N
-	· · · · · · · · · · · · · · · · · · ·			Sample	Info	ormation			7	by 8015	by 8	1021	260	300.0	Ž	×	fetais	on Pkg		PVV	310#		
Time Sampled	Date Sample	Matrix	No. of Containers			Sample ID	Field	La Num		ORO/ORO	3RO/DRO by 8015	зтех <sub>by</sub> 8021	/OC by 8260	Chloride 300.0	BGDOC - NM	CEQ 1005 - TX	CRA 8 Metals	Cation/Anion Pkg				Remark	5
7:45 <b>AM</b>	1/27/202	s		S1- Surface				1							x			Ĭ					I
1:50				S1-2'				2	1							-							
7:56				S1-4'				3	i														
7:59				S1-6'				4															
r.07				S1-8'				5															
8:11				S1-12'				6	,														
8:19				S1-16'				7	i														
8:28				S1-20'				8															
8:30				S2-Surface				9							$\sqcup$								
8:35				S2-2'				10															
Addition	nal Instruc	tions: V	V/O # 211	L45598											•								
I, (field sam	npler), attest to	the validity	and authent	lcity of this sampl	e. I an	n aware that tampering with or intentionally mis	labeling th	ne samp	le loc	atlon,	date o	r time	of co	llectio	n is co	nside	red fra	ud an	d may be	ground	s for leg	al action.	
Sampled by	y: Andrew Fran	со							i														
Relinqui	shed by: (Sij	ra 1	CO Date	27/25 1	1:30	PAN Reddyed by: (Signature)	) Date 1/2	8/2	5	Time	:46	ለM ዖ			are sa	les requ impled bseque	or reco	eived pa	preservation	on must at an av	be recel g temp a	ved on loe t bove 0 but	he day they less than 6 oC
Pern	shed by: (SK	nature)	e Date	8/25 11	Time Lab Use Only Received on ice: (Y) N																		
Relinqui	shed by: (Si	nature)	lec 1.	2825 1730 Recflived by: (Signature) Date 1.28.25						Time	17:	<u>30</u>			I1_				I2			T3	
Rehnalyshed by: (Signature)  Date  Time  Recorded by: (Signature)  Date  1.28.25  Time  Recorded by: (Signature)  Date  1.28.25  Time  AVG Temp oC  Container Type; g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Sample Ma	trix: S - Soil, Sc	- Solid, Sg -	Sludge, A - A	Aqueous, O - Othe	r	ted unless other arrangements are ma	Contai	ner Ty	pe: p	- gla	iss. p	- po	ly/pl	astic	. 3R -	amb	er gl	ass. Y	V- VOA	o clic	nt av-	once T	ne report
for the a	mpies are d nalysis of th	e above s	14 days afte samples is	er results are applicable o	repor nly to	ted unless other arrangements are ma those samples received by the labora	tory with	ardous 1 this (	coc.	The l	iabili	ty of	f the	labo	rator	y is li	imite	d to	the amo	unt p	aid fo	on the	report.

	Clier	nt Inform	nation		Invoice Inform	ation			Lal	Use	Only				T	AT		State		
lient: Pi	ma Environ	mental :	Services,	LLC	Company: Devon Energy		La	b WC	)#		ob Nu				2D	3D St	d	NM CO UT TX		
roject N	ame: Diam	ond PW	U 22 1H		Address:		E	501	213	> 8	Vac	38 6	200	7		x		x		
	lanager: To				City, State, Zip:		_ /	_												
	5614 N Lov e, Zip: Hobl	ALCOHOLD STATE	21101		Phone: Email:			-		1	nalys	is ar	nd M	letho	d		SDV	WA CWA RCRA		
-	580)748-16		00240		Miscellaneous: Project No.	#1-281-3				П							30,	MY CMY HENY		
mail: To	m@pimaoi	l.com						8015	8015									pliance Y or N		
				Sample I	nformation			<b>→</b> ≥	by 80	1021	260	NA.	A A	etals	on Pkg		PWS	ID#		
Time	Date Sampled	Matrix	No. of	Sample I	Sample ID	Field	Lab	ORO/ORO	SRO/DRO by	BTEX by 8021	VOC by 8260	Cilionale socio	11005	CEQ 1005 - 1X	ation/Anion Pkg			Remarks	Page <u>Z</u>	
Sampled		IVIduix	Containers	62.41	Sample 10	達豆	Numbe	St. SR	GRC	ВТЕ	No.	5 8	100	RCR RCR	Cate					
8:45	1/27/2025 1	S		S2-4'			11					,	(	1 /						
·ua		1		S2-6 <sup>1</sup>			12													
:49				52-8'				+		-	+	+	+	+	+		+			
1:50				32 0			13													
3:56				S2-12'			14					11								
				S2-16'			1	+			+	+	+	+			+			
11:		3					15					1								
1:20	1			52-20'			16					1-	-							
				-									+					100		
											4		1	_						
											1		1	1			1			
													1							
								-				+	+	+		44	-			
ddition	al Instructi	ons: W	//0 # 211	45598																
(Gold com	deal amount to	ha collation	and notbook	with of this cample	I am aware that tampering with or intention	nally mistaboling th	a cample	location	datao	r tima	of collec	tion is	ronsi	darad	fraud ar	nd may be	grounds	for legal action		
ampled by	Andrew France										or conec	AUT IS	CONSI	Gerea	nauu ai	is may be	Brounds	ioi regui actioni.		
Amquig AM	ew fr	mature)	Date 1/2	27/25 4:	30 PM Refleived by: (Signatura)	me 1/2	8/25	- 8º	46	Αη		ar	e sampl		eceived p			e received on ice the day they temp above 0 but less than 6 oC		
Plar	hed by: Sh	day (	re 1/2	28/25 Time:	09 Michelle Gon	gales 127		Tim	45			R	eceiv	ved o	n ice:	_	Use Or / N	nly		
dinquis	hed by: (Sign	nature)	lee L		30 Received by: Signature)	Date	8.2	S Tim	17	2		Т	1			T2		T3		
elinguis	hed by: (Sign		Date	Time	Recgived by: (Signature)	Date	0.0	Tim	P	00		1	-			11		13		
Linda	1 4				330 Cath 10	10 10	475	1	15			A	VG T	emp	oC_	4				
				queous, O - Other_	ported unless other arrangements	Contai	ner Type	: g - g	ass, p	- pol	v/plas	tic, a	g-ar	mber	glass,	v - VOA			6	

Printed: 1/29/2025 8:24:49AM

## **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:	01/29/25 07	7:15	1	Work Order ID:	E501213
Phone:	(575) 631-6977	Date Logged In:	01/28/25 16		1	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	02/04/25 1	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ted analyses?	No	carrer. <u>c</u>	<u>Sourier</u>		
	all samples received within holding time?	, <b>,</b>	Yes				
	Note: Analysis, such as pH which should be conducted in					Commont	s/Decolution
	i.e, 15 minute hold time, are not included in this disucssio	n.		1		Comment	s/Resolution
	Furn Around Time (TAT)				No of contai	ners not list	ed on COC
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		No of contai	incis not nst	cu on coc.
Sample (							
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
	e 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				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	No				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
	Container		».T				
	queous VOC samples present?		No NA				
	VOC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	a 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	ers conected?	Yes				
Field La	field sample labels filled out with the minimum infor	mation:					
	ample ID?	illiation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		No				
Sample l	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	a subcontract laboratory specified by the client and if	-		Subcontract Lab	o: NA		
	nstruction						
Chent	<u>iistructioii</u>						

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 432477

## **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1914250102
Incident Name	NAB1914250102 DIAMOND PWU 22 #001H @ 30-015-38334
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-38334] DIAMOND PWU 22 #001H

ocation of Release Source						
Please answer all the questions in this group.						
Site Name	DIAMOND PWU 22 #001H					
Date Release Discovered	05/08/2019					
Surface Owner	State					

Incident Details							
Please answer all the questions in this group.							
Incident Type	Produced Water Release						
Did this release result in a fire or is the result of a fire	No						
Did this release result in any injuries	No						
Has this release reached or does it have a reasonable probability of reaching a watercourse	No						
Has this release endangered or does it have a reasonable probability of endangering public health	No						
Has this release substantially damaged or will it substantially damage property or the environment	No						
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No						

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other   Pipeline (Any)   Produced Water   Released: 22 BBL   Recovered: 6 BBL   Lost: 16 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 432477

perator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477

**QUESTIONS** (continued)

[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 02/17/2025

Phone: (505) 629-6116 Online Phone Directory  $\underline{https://www.emnrd.nm.gov/ocd/contact-us}$ 

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

QUESTIONS, Page 3

Action 432477

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in mi	illigrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	65000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	9800
GRO+DRO (EPA SW-846 Method 8015M)	4800
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	09/25/2024
On what date will (or did) the final sampling or liner inspection occur	10/08/2024
On what date will (or was) the remediation complete(d)	10/14/2024
What is the estimated surface area (in square feet) that will be reclaimed	1415
What is the estimated volume (in cubic yards) that will be reclaimed	268
What is the estimated surface area (in square feet) that will be remediated	1415
What is the estimated volume (in cubic yards) that will be remediated	268
These estimated dates and measurements are recognized to be the best guess or calculation at th	e time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 432477

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 02/17/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 5

Action 432477

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Phone: (505) 629-6116

Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 6

Action 432477

QUESTIONS (continued)

-		
I	Operator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	432477
		Action Type:
		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	389842
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2024
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	420

Remediation Closure Request				
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.				
Requesting a remediation closure approval with this submission	Yes			
Have the lateral and vertical extents of contamination been fully delineated	Yes			
Was this release entirely contained within a lined containment area	No			
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes			
What was the total surface area (in square feet) remediated	1415			
What was the total volume (cubic yards) remediated	268			
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes			
What was the total surface area (in square feet) reclaimed	1451			
What was the total volume (in cubic yards) reclaimed	268			
Summarize any additional remediation activities not included by answers (above)	Spill area remediated.			

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

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 02/17/2025

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 7

Action 432477

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 432477

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	432477
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/19/2025
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing: At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/19/2025
crystal.walker	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/19/2025
crystal.walker	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	2/19/2025
crystal.walker	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.	2/19/2025