DIAMOND PWU 22 #001H

nAB1721657722

Remediation Plan Report



Prepared by Pima Environmental Services, LLC for Devon Energy Production, LP November 20, 2024

Page 2 of 57

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

Re: Remediation Plan Report

Diamond PWU 22 #001H API No. 30-015-38334

GPS: Latitude 32.6519089 Longitude -104.0702057

ULSTR - D - 22 - 19S - 29E 575 FNL 330 FWL Eddy County, NM

NMOCD Incident IDs nAB1721657722

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production, LP (Devon) to prepare this remediation plan report for a produced water release that occurred at the Diamond PWU 22 #001H (Diamond). The initial C-141 was submitted on July 28, 2017, and approved on August 4, 2017 (Appendix C). This incident was assigned Incident ID nAB1721657722, by the New Mexico Oil Conservation Division (NMOCD).

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.

Release Information

nAB1721657722: On July 14, 2017, the lease operator was making his normal rounds when he arrived at the location there was standing fluid on the ground and visible tire tracks exiting the area. An unknown party dumped an unknown amount of produced water on location. The Illegal dump was in the middle of the location.

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

Hobbs, NM 88240



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."

Remediation Activities

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 is 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 was removed from this area. A 200-square-foot area surrounding the original sample point S-8 was excavated to 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 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. A 200-square-foot area surrounding the original sample point S-14 was excavated to 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 the 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 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 nAB1721657722 highlighted below:

Summary:

bhall (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.

bhall (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.

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

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

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

bhall (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.

bhall (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.

Reason 2: P4, 63CS and 64CS do not represent the former location B1. This was additional contamination found during re-assessment activities. The contamination found in 2021 at sample point B1 will be addressed accordingly.

Reason 4: S-12 was in fact encompassed by the 1.5-foot excavation completed by Pima in 2023.

Reason 5: S-13 was in fact encompassed by the 3.5-foot excavation completed by Pima in 2023. The contamination found in 2020 at 4 feet and 8 feet at this sample point will be addressed and a new closure report will be drafted after confirming the contamination has been successfully removed.

Reasons 1 and **3** will be addressed in a separate remediation plan report for incident nAB1914250102.

Remediation Plan Approval Request

nAB1721657722: Devon would like to propose the following remediation method to address the contamination found at B1 during the 2021 sampling event and at S-13 during the 2020 sampling event.

1. Collect samples with a hand auger or mechanical auger at 1' increments down to 10' bgs to locate the contamination. A Proposed Sampling-Excavation Map can be found in Figure 7. The area of concern has been measured out to be 498 square feet and includes the previous sample point S-13 and previous borehole B-1.

Hobbs, NM 88240



- **2.** A total of 7 sample points will be marked and used for this investigative sampling event. Three sample points will be located within the area of concern, and 4 sample points will be located around the edges of the area.
- 3. Field test each sample for chlorides making note of all results over the regulatory limits.
- **4.** Prepare and deliver a minimum of 5 samples from each sample point to a NMOCD-approved laboratory for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.
- **5.** Excavated shallow, verified soil (if any) and stockpile so it can be used for backfill.
- **6.** Excavated contaminated soil and haul to a NMOCD-approved disposal facility.
- 7. Haul clean, like material back to the site to be used for backfilling the excavated area.
- **8.** Submit 48-Hour Notification of sampling event for collecting confirmation samples of the excavation.
- **9.** Collect 5-point composite confirmation samples from the base and walls of the excavation, each representing no more than 200 square feet.
- **10.** Once all samples have been verified, a complete closure report will be drafted and submitted to the Portal for review/approval.
- 11. Backfill the excavation, repack the pad surface for normal day-to-day traffic.

Devon requests that this remediation plan for incident nAB1721657722 be approved. Devon has complied with the applicable requirements set forth in rule 19.15.29.12 NMAC.

Should you have any questions or need additional information, please feel free to contact: Devon Energy Production – Jim Raley – <u>jim.raley@dvn.com</u> – 575-689-7597 Pima Environmental Services – Tom Bynum – <u>tom@pimaoil.com</u> – 580-748-1613

Attachments

Figures:

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

Appendices:

Appendix A - Water Surveys & Water-Related Maps

Appendix B - Soil Survey and Geological Data

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

Appendix D - Photographic Documentation

Appendix E - Laboratory Reports

Appendix F - Previous Site Maps & Data Tables



Figures:

Location Map

Topographic Map

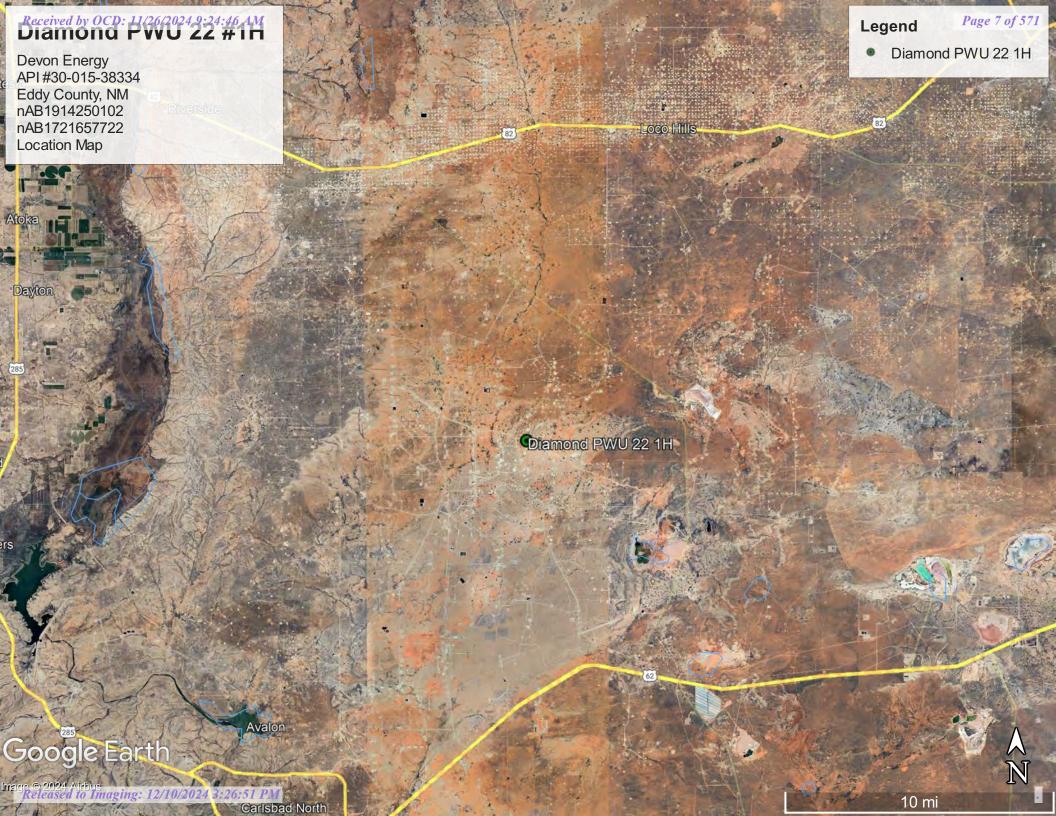
Karst Map

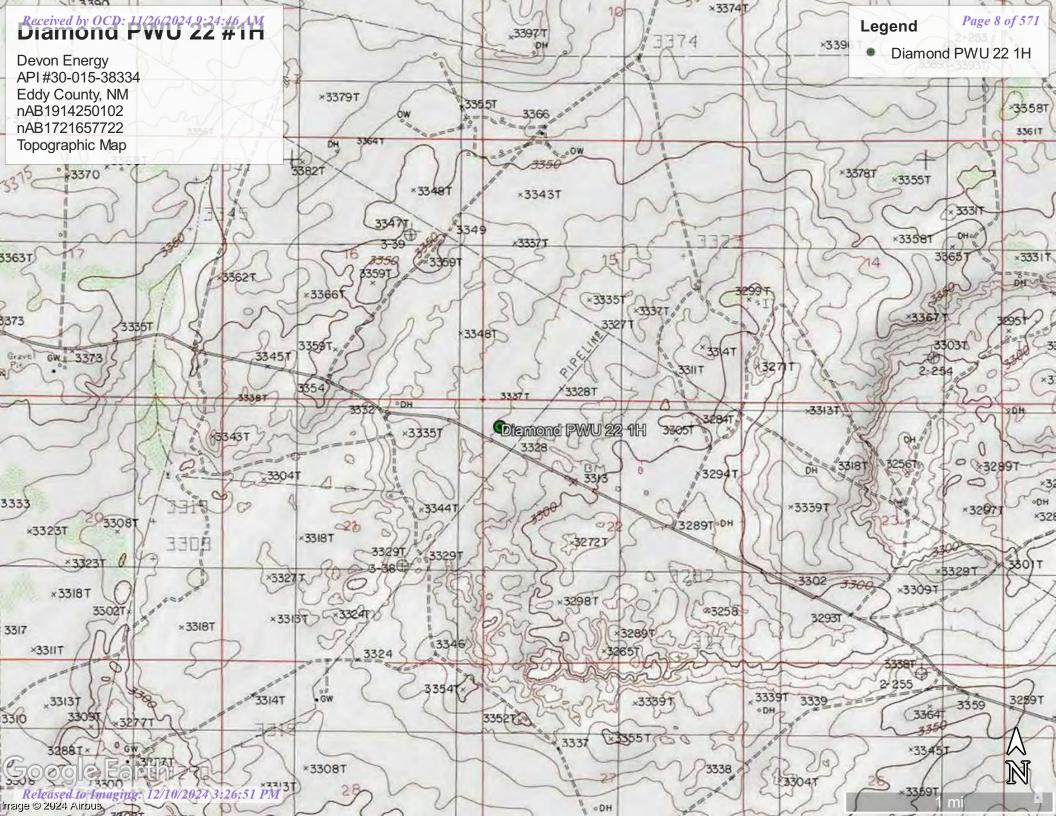
Excavation Map

Data Tables

Confirmation Sample Map

Proposed Sampling-Excavation Map





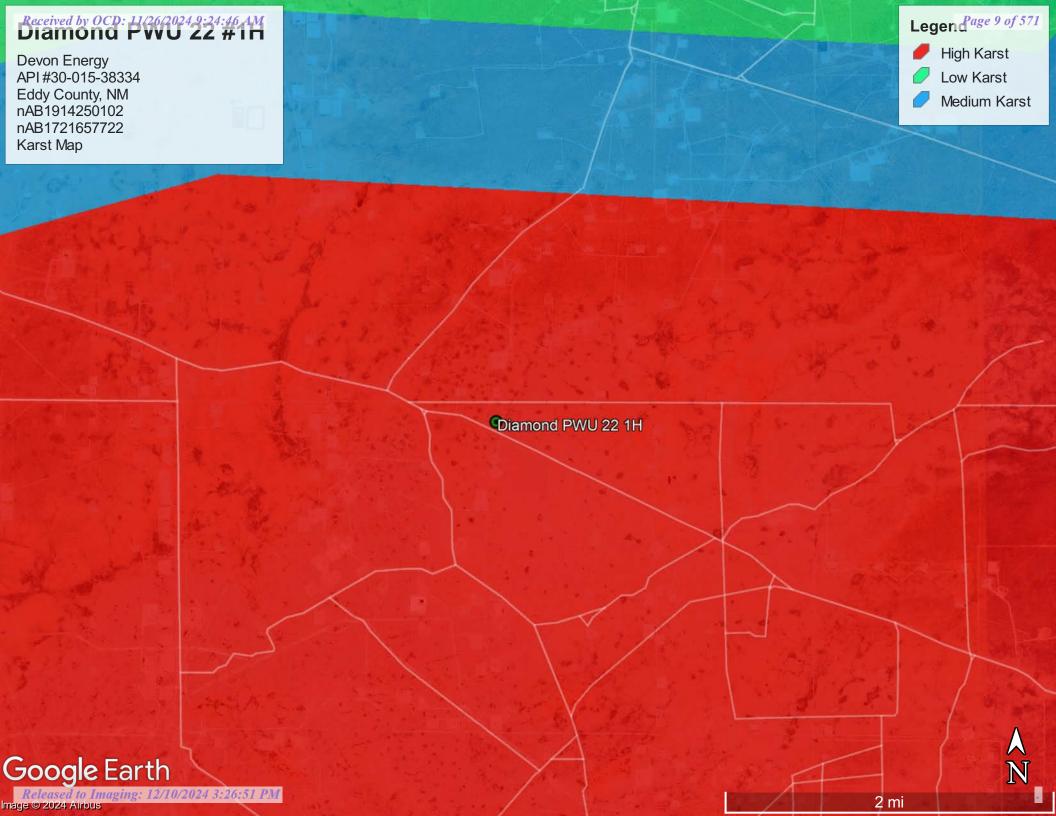




Table 1 : Soil Sample Analysis

		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)
	losure Cr 15.29.12		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 C .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	-	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	-	290
	6	11/19/2020	NT	NT	NT	NT	NT	-	300
	8	11/19/2020	NT	NT	NT	NT	NT	-	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	1	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 Cı 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
ND An	4	2/23/2021	ND	ND	ND	ND	ND	-	ND

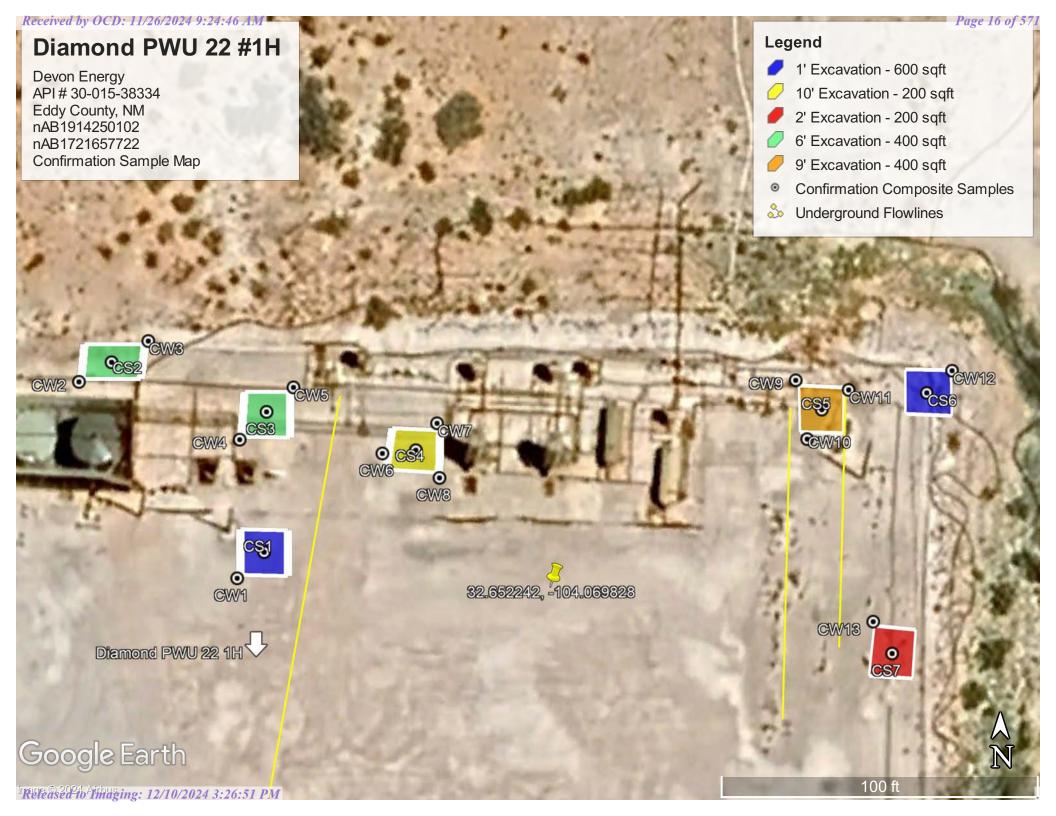
ND= Analyte Not Detected

NT=Analyte Not Tested R= Boring Refusal

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')												
D	DEVON ENERGY - Diamond PWU 22 #1H nAB1914250102 & nAB1721657722												
Date: 10/1/2	24			NM Appr	oved Labor	atory Resu	ılts						
Comple 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					

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')											
DEVON ENERGY - Diamond PWU 22 #1H nAB1914250102 & nAB1721657722											
Date: 10/8/2	Date: 10/8/24 NM Approved Laboratory Results										
Commission ID	Depth BTEX Benzene GRO DRO MRO Total TPH CI										
Sample ID (BGS) mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg											
	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
CW9-9'	(BGS)	mg/kg ND	mg/kg ND	mg/kg ND	mg/kg ND	mg/кg ND	mg/kg ND	mg/kg ND			
CW9-9'			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	0. 0			

ND = Not Detected



Received by OCD: 11/26/2024 9:24:46 AM Diamond PWU 22 #1H

Devon Energy API #30-015-38334 Eddy County, NM nAB1721657722 Proposed Sampling-Excavation Map

Legend

Page 17 of 571



7 10' Sampling area - 498 sqft

- Horizontal delineation samples
- Vertical delineation samples

5 °S (formerly B-1) 76 °S (formerly S-13)

Diamond PWU 22 #1H

Google Earth

Released to Imaging: 12/10/2024 3:26:51 PM Irrage © 2024 Airbus

90 ft





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		-	Water Column
CP 01932 POD1		СР	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):

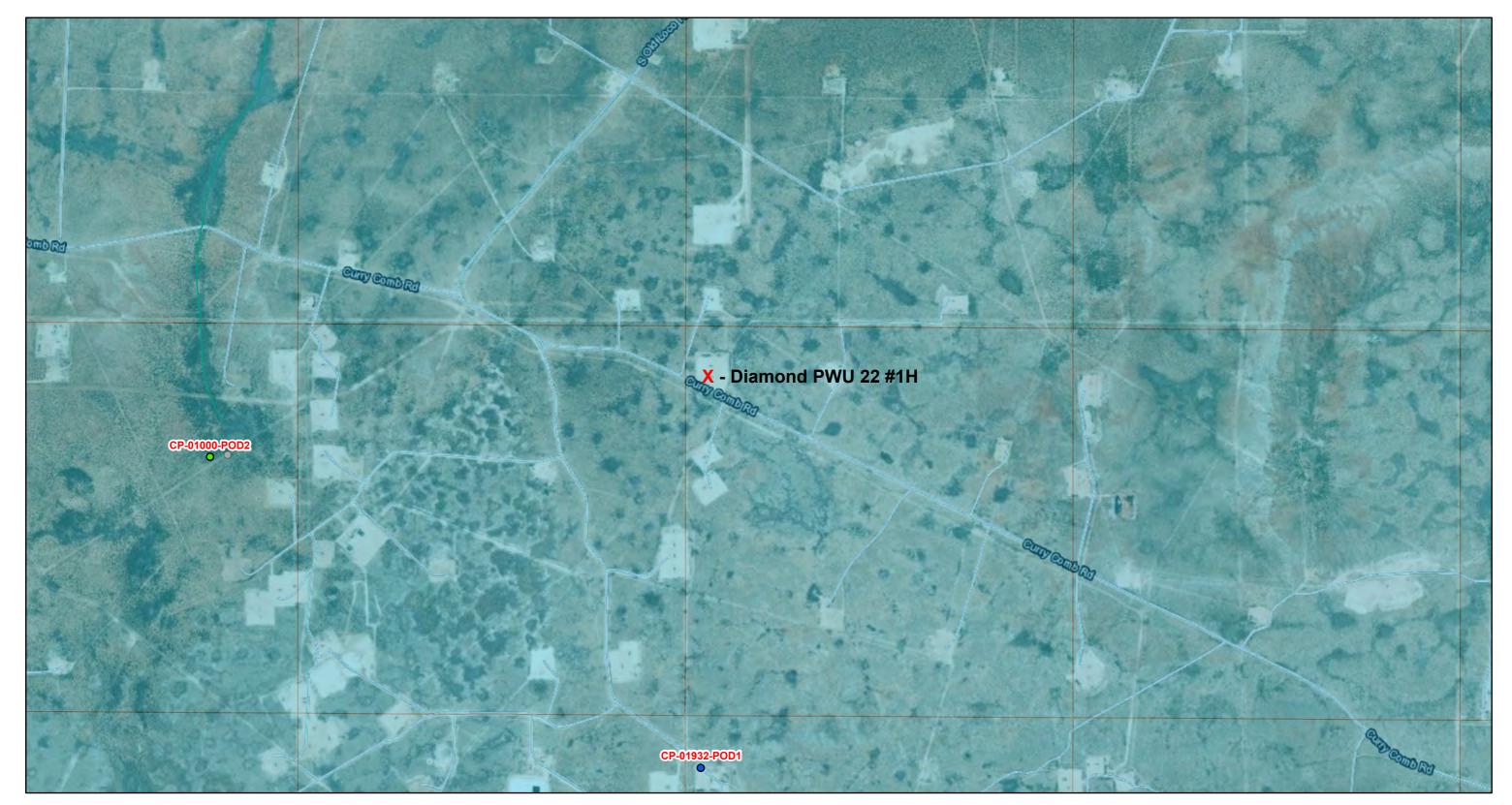
Easting: 587199.46 **Northing:** 3613079.77

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





1:18,056 0.17 0.35 0.7 mi 0.3 0.6 1.2 km

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

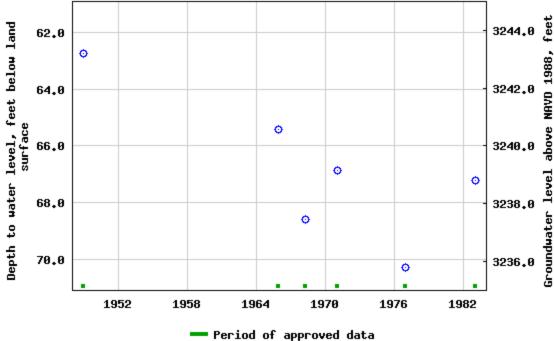
USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site	Groundwater:	Field measurements	→ [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. Download a presentation-quality graph

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

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-08-06 10:47:28 EDT

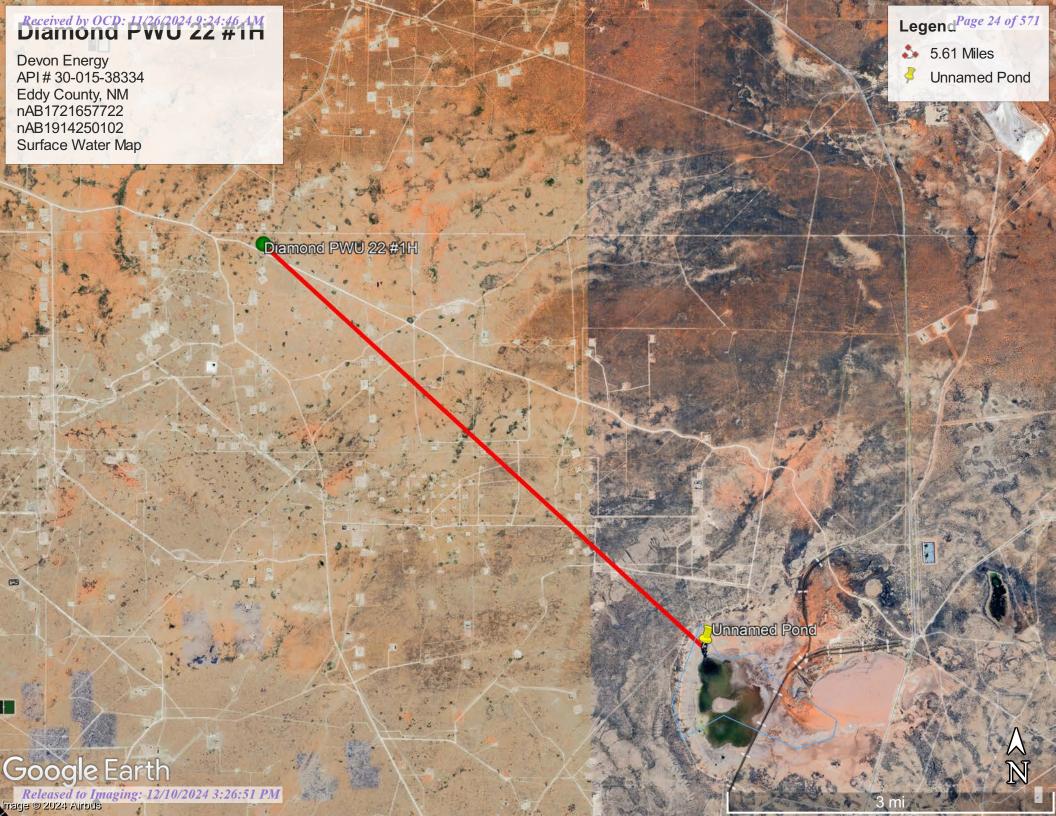
0.53 0.46 nadww02





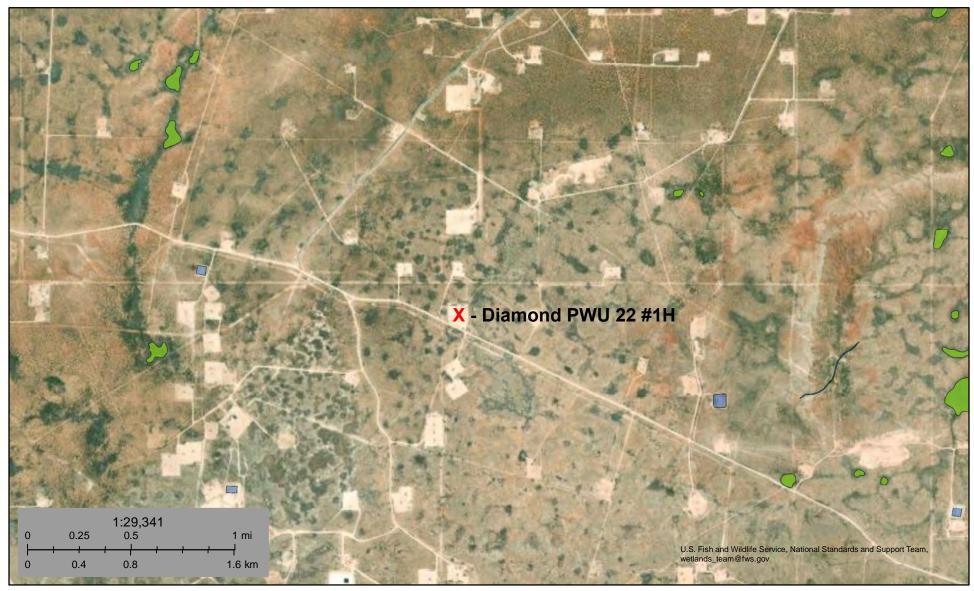
National Water Information System: Mapper







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.

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE)

With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway

> depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to

> > Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

Area with Flood Risk due to Levee Zone D

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average

NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLI Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline**

OTHER Profile Baseline **FEATURES** Hydrographic Feature

MAP PANELS

Digital Data Available

No Digital Data Available

Unmapped

The pin displayed on the map is an approximate

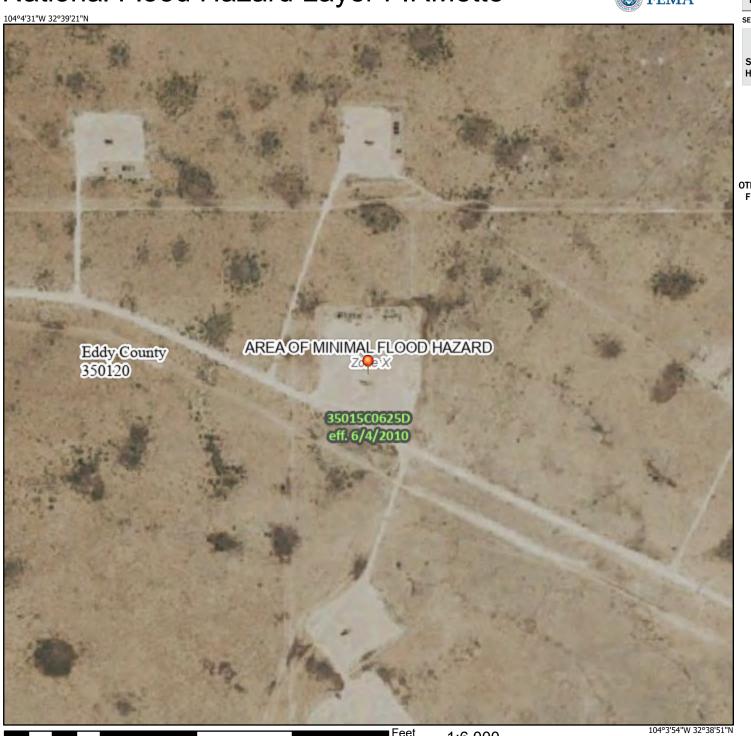
an authoritative property location.

point selected by the user and does not represent

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/6/2024 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.



2,000



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)

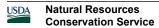
Sodium adsorption ratio, maximum: 1.0

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

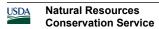
Percent of map unit: 5 percent

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

â

00

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

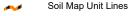
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Saine Spot
Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

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

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

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

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

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

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

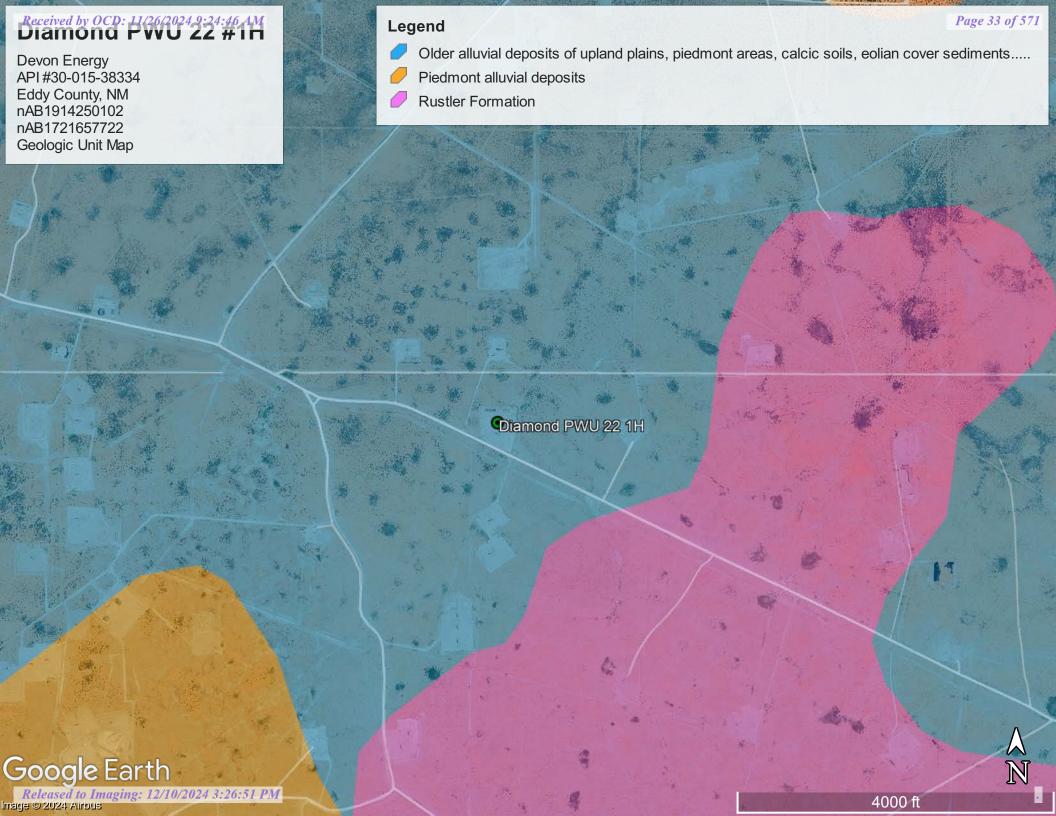
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: 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 C-141 Form

48-Hour Notifications

District I
1625 N. French Dr., Hobbs, NM 88240 CONSERVATION
District II

State of New Mexico
Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

JUL 28 2017

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

Submit 1 Copy to appropriate District Office in accordance with 19,15.29 NMAC.

Release Notification and Corrective Action													
nabl'	12/165	1722				OPERA			☑ Initia	al Report		Final Report	
Name of Co	mpany D	evon Energy	Product	ion Company L	1137	Contact M	ike Shoemaker,	EHS R					
Address 64	88 Seven I	Rivers Hwy	Artesia, l	VM 88210		Telephone l	No. 575-748-33	71					
Facility Na	me Diamo	nd PWU 22	1 H		1	Facility Typ	oe Oil						
Surface Ow	ner State			Mineral	Owner	State			API No 30-015-38334				
						OF REI	EASE		<u> </u>	, <u>0, 0, 0, 10, 0, 0</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West Line County					
D	22	19S	29E	575'		FNL	330'	F	WL	Eddy			
		L	La	titude: 32.65190	089	Long	gitude: -104.070	2057		<u> </u>		<u>,, ,, ,-</u>	
			****	NAT	URE	OF RELI							
Type of Rele						Volume of	Release			Recovered			
Produced wat Source of Re						unknown	Hour of Occurre		unknown Data and	Hour of Di	COOTION		
Illegal dump	rease					1	17 @ 10:15 AM	- 1		.017 @ 10:1		У	
Was Immedi	ate Notice	Given?				If YES, To			<u> </u>				
		\boxtimes	Yes [No Not Re	equired	OCD, Mike	Bratcher/Crystal	l Weaver	r				
Bŷ Whom? H	Brett Fulks		-		-	Date and I					-		
Was a Water	rcourse Re	ached?				July 14, 2017 @ 12:15 PM If YES, Volume Impacting the Watercourse							
			Yes 🗵	No		N/A	•						
If a Waterco N/A	urse was I	mpacted, Des	scribe Ful	ly.*						,			
	erator was n	naking his no	rmal round	tion Taken.* ds when he arrived of produced wate			was standing flui	d on the	ground an	d visible tin	e tracks	s exiting the	
Describe Are Illegal dump delineation an	was located	d in the middle		Taken.* on. The OCD was	notified	of the incide	nt. An environme	ental con	ntractor wi	ll be contact	ed to a	ssist with the	
regulations al public health should their o or the environ	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.												
Signature: S	heila Fi	sher					OIL CON	SERV.	ATION	DIVISION	ON A	lu -	
Printed Name: Sheila Fisher Approved by Environmental Specialist:													
Title: Field A	dmin Sup	port				Approval Da	e: 814117	E	Expiration	Date: N	4		
E-mail Addre				10 1020		Conditions of	Approval:	he	d	Attached	X	_	
Date: 7/24/17 Attach Addi			ne: 575.7	18.1829		<u> </u>				7-	<u> </u>	1210	
mach Audi	avnai SiiC	0.0 11 1400088	our y							4	Κ Ρ.	4210	

<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 387809

QUESTIONS

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)

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. Oklahoma City, OK 73102	Action Number: 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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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

ı	Operator:	OGRID:				
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137				
ı	333 West Sheridan Ave.	Action Number:				
ı	Oklahoma City, OK 73102	389842				
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	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)

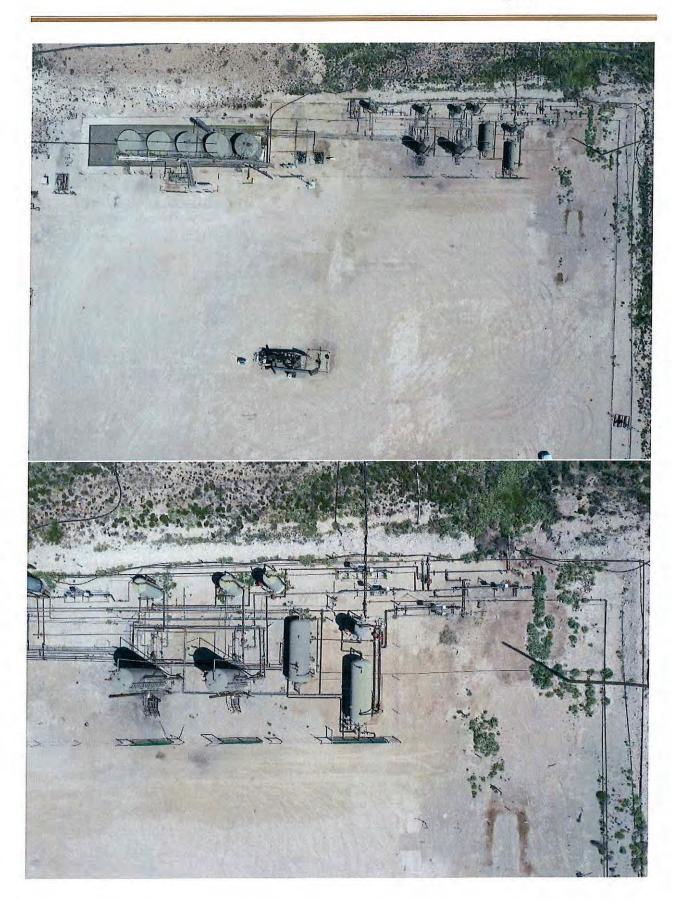
CONDITIONS

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

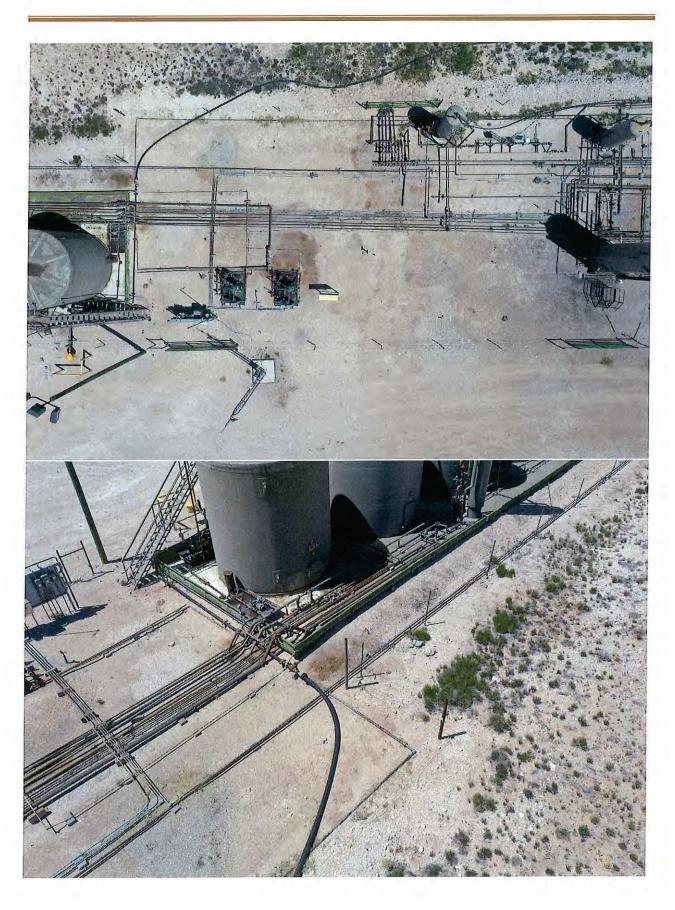


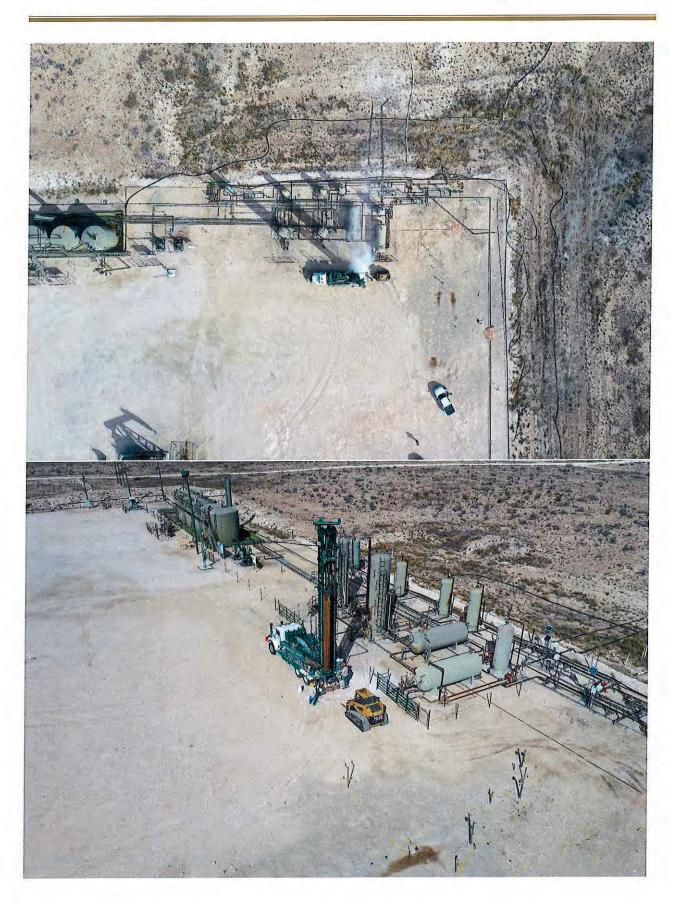
Appendix D

Photographic Documentation













SITE PHOTOGRAPHS DEVON ENERGY DIAMOND PWU 22 1H

Site Assessment





Excavation





P

Post Excavation









Flagging/marking excavation area



Flagging/marking excavation area



Flagging/marking excavation area



Flagging/marking excavation area



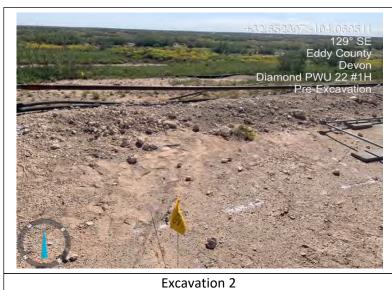
Flagging/marking excavation area



Flagging/marking excavation area



Excavation 1





Excavation 3

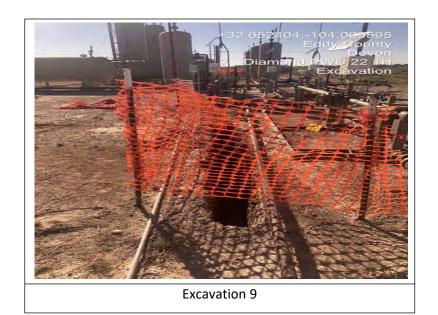










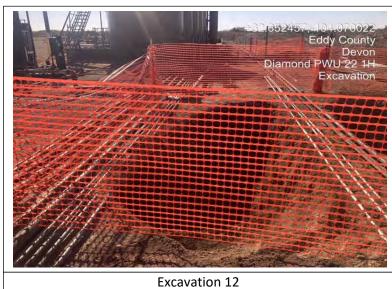




Excavation 10



Excavation 11





Released to Imaging: 12/10/2024 3:26:51 PM





Excavation 16



Released to Imaging: 12/10/2024 3:26:51 PM





Excavation 19



Excavation 20







Excavation 23



Excavation 24



Excavation 25



Excavation 26



Excavation 27



Excavation 28



Released to Imaging: 12/10/2024 3:26:51 PM





Excavation 31



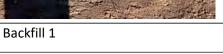
Excavation 32













Released to Imaging: 12/10/2024 3:26:51 PM









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



Backfill Aerial 3

Backfill Aerial 4





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

Diamond PWU 22 001H

Lab ID: 2004C19-001

Project:

1H

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 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 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2 0-1'

Project: Diamond PWU 22 001H

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

Lab ID: 2004C19-002

Matrix: SOIL

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

Analyses	Result	RL	Qual U	Juits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	1000	60	n	ng/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	n	ng/Kg	1	5/1/2020 6:57:46 PM	52196
Motor Oil Range Organics (MRO)	ND	50	n	ng/Kg	1	5/1/2020 6:57:46 PM	52196
Surr: DNOP	84.2	55,1-146	9	%Rec	1	5/1/2020 6:57:46 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9	n	ng/Kg	1	5/2/2020 1:58:19 AM	52191
Surr: BFB	104	66.6-105	9	%Rec	1	5/2/2020 1:58:19 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024	n	ng/Kg	1	5/2/2020 1:58:19 AM	52191
Toluene	ND	0.049	n	ng/Kg	1	5/2/2020 1:58:19 AM	52191
Ethylbenzene	ND	0.049	n	ng/Kg	1	5/2/2020 1:58:19 AM	52191
Xylenes, Total	ND	0.098	n	ng/Kg	1	5/2/2020 1:58:19 AM	52191
Surr: 4-Bromofluorobenzene	99.7	80-120	9/	6Rec	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

Lab ID:

Project:

Diamond PWU 22 001H

2004C19-003

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 ORG	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	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	%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

Lab ID:

Project: Diamond PWU 22 001H

2004C19-004

Client Sample ID: S-4 0-1'

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

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

			0.00			0	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0; ANIONS	The same of the sa					Analyst:	MRA
Chloride	ND	60		mg/Kg	20	5/1/2020 9:09:24 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					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

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 Quantitative 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 Ĵ
- Sample pH Not In Range
- Reporting Limit RL

Page 4 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5 0-1'

Project: Diamond PWU 22 001H

Collection Date: 4/29/2020 9:10:00 AM

Lab ID: 2004C19-005

CLIENT: Talon Artesia

Matrix: SOIL

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

				300.334	Date Analyzed	Batch
					Analyst:	JMT
000	3000		mg/Kg	1E+	F 5/5/2020 11:40:13 PM	52216
					Analyst:	TOM
300	48		mg/Kg	5	5/1/2020 9:53:28 AM	52196
620	240		mg/Kg	5	5/1/2020 9:53:28 AM	52196
156	55.1-146	S	%Rec	5	5/1/2020 9:53:28 AM	52196
					Analyst:	RAA
ND	4.9		mg/Kg	1	5/2/2020 3:56:58 AM	52191
103	66.6-105		%Rec	1	5/2/2020 3:56:58 AM	52191
					Analyst:	RAA
ND	0.025		mg/Kg	1	5/2/2020 3:56:58 AM	52191
ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
ND	0.098		mg/Kg	1	5/2/2020 3:56:58 AM	52191
98.5	80-120		%Rec	1	5/2/2020 3;56:58 AM	52191
	300 620 156 ND 103 ND ND ND ND	300 48 620 240 156 55.1-146 ND 4.9 103 66.6-105 ND 0.025 ND 0.049 ND 0.049 ND 0.098	300 48 620 240 156 55.1-146 S ND 4.9 103 66.6-105 ND 0.025 ND 0.049 ND 0.049 ND 0.098	300 48 mg/Kg 620 240 mg/Kg 156 55.1-146 S %Rec ND 4.9 mg/Kg 103 66.6-105 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg	300 48 mg/Kg 5 620 240 mg/Kg 5 156 55.1-146 S %Rec 5 ND 4.9 mg/Kg 1 103 66.6-105 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.098 mg/Kg 1	300 48 mg/Kg 5 5/1/2020 9:53:28 AM 620 240 mg/Kg 5 5/1/2020 9:53:28 AM 156 55.1-146 S %Rec 5 5/1/2020 9:53:28 AM Analyst: ND 4.9 mg/Kg 1 5/2/2020 3:56:58 AM 103 66.6-105 %Rec 1 5/2/2020 3:56:58 AM Analyst: ND 0.025 mg/Kg 1 5/2/2020 3:56:58 AM ND 0.049 mg/Kg 1 5/2/2020 3:56:58 AM ND 0.049 mg/Kg 1 5/2/2020 3:56:58 AM ND 0.098 mg/Kg 1 5/2/2020 3:56:58 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6 0-1'

Project: Diamond PWU 22 001H

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

Lab ID: 2004C19-006

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	Julieseria				Analyst:	JMT
Chloride	14000	600	mg/Kg	200	5/5/2020 11:52:34 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 3:39:39 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

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 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

Lab ID. 2004C17-007	atriat ooil							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	MRA	
Chloride	360	61		mg/Kg	20	5/1/2020 9:46:37 PM	52216	
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					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 pH Not In Range RE Reporting Limit

Reporting Limit

Page 7 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001H

Lab ID: 2004C19-008

Project:

Client Sample ID: S-8 0-1

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

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 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

CHO IDI							
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 OR	GANICS					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
EPA 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 Sample ID: S-10 0-1'

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

Received Date: 4/30/2020 9:00:00 AM Matrix: SOIL Lab ID: 2004C19-010

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	Admin 11					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,

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

E Value above quantitation range

Analyte detected below quantitation limits 3

Sample pH Not In Range P

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

Result

Result

RunNo: 68572

Prep Date: 5/1/2020

SeqNo: 2374259

Units: mg/Kg

Analyte

Analysis Date: 5/1/2020

PQL

HighLimit

SPK value SPK Ref Val %REC LowLimit

TestCode; EPA Method 300.0: Anions

%RPD

RPDLimit

Qual

Chloride

Sample ID: LCS-52216

SampType: Ics Batch ID: 52216

RunNo: 68572

Client ID: LCSS Prep Date: 5/1/2020

PQL

15

SeqNo: 2374260

Units: mg/Kg

%RPD

RPDLimit

Qual

Analyte

Analysis Date: 5/1/2020

SPK value SPK Ref Val %REC

LowLimit

%RPD HighLimit

Chloride

Sample ID: MB-52226

SampType: mblk

TestCode: EPA Method 300.0: Anions

93.4

Client ID: PBS

Prep Date: 5/2/2020

Sample ID: LCS-52226

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

15.00

RunNo: 68615 SeqNo: 2374419

Units: mg/Kg HighLimit

RPDLimit

Qual

Analyte Chloride

ND 1.5

SampType: Ics

TestCode: EPA Method 300.0: Anions

SPK value SPK Ref Val %REC LowLimit

RunNo: 68615

Prep Date:

Batch ID: 52226 Client ID: LCSS 5/2/2020

SeqNo: 2374420

Units: mg/Kg

Analysis Date: 5/2/2020 PQL Result

1.5

14

SPK value SPK Ref Val %REC LowLimit

HighLimit

RPDLimit

Qual

Analyte

15.00

92,0

Chloride

0

%RPD

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Not Detected at the Reporting Limit ND Practical Quanitative Limit POL

% Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits Sample pH Not In Range

Reporting Limit

Page 11 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004C19

06-May-20

Client:

Talon Artesia

Project.

Surr: DNOP

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

Diamond PWII 22 001H

ND

ND

8.9

10

50

10.00

Sample ID: LCS-52196	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	n ID: 52	196	F	RunNo: 6	8578				
Prep Date: 4/30/2020	Analysis E	ate: <i>51</i>	1/2020	8	SeqNo: 2	372791	Units: mg/k	(g		
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	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	ı ID: 52	196	F	RunNo: 6	8578				
Prep Date: 4/30/2020	Analysis D	ate: 5/	1/2020	5	SeqNo: 2	372792	Units: mg/k	(g		
Analyte	Result	PQL	auley VIQ2	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

89.1

55.1

146

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

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

RLReporting 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	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: S-2 0-1'	Batch	D: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis D	ate: 5/	2/2020	S	eqNo: 2	373020	Units: mg/K	g		
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

Sample ID: 2004c19-002ams	d Samp1	Type: MS	SD	Tes	(Code: E	PA Method	8015D: Gaso	line Rang	е	
Client ID: S-2 0-1'	Batc	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E)ate: 5/	2/2020		SeqNo: 2	373021	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	24.95	0	99.3	80	120	4.69	20	
Sum: BFB	1100		998.0		114	66.6	105	0	0	S

Sample ID: Ics-52191	Sampl	ype: LC	s	Tes	tCode; El	PA Method	8015D: Gaso	oline Rang	е				
Client ID: LCSS	Batc	h ID: 52	191	F	tunNo: 6	8583							
Prep Date: 4/30/2020	Analysis [Date: 5/	1/2020		SeqNo: 2	373046	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90,1	80	120						
Surr: BFB	1100		1000		112	66.6	105			S			

Sample ID: mb-52191	Samp	ype: MI	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batc	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E)ate: 5/	1/2020	5	SeqNo: 2	373048	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0		- Wiles						

1000 105 1000 Surr: 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

PQ1. 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 13 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004C19 06-May-20

Client:

Talon Artesia

Project: Diamono	PWU 22	001H								
Sample ID: 2004c19-001ams	Samp	Type: MS	3	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: S-1 0-1'	Batc	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis I	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			
Sample ID: 2004c19-001ams	d Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: S-1 0-1'	Batc	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis [Date: <i>5/</i>	2/2020	5	SeqNo: 2	373055	Units: mg/k	(g		
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	
Surr: 4-Bromofluorobenzene	0.98		0.9747		101	80	120	0	0	
Sample ID: LCS-52191	Samp	Гуре: LC	s	Tes	tCode; El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batcl	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis [Date: 5/	1/2020	8	SeqNo: 2	373083	Units: mg/K	(g		
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	Sampi	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batcl	h ID: 52 '	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E	Date: <i>51</i>	1/2020	S	SeqNo: 2	373085	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Benzene

Toluene

Ethylbenzene Xylenes, Total

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

Surr: 4-Bromofluorobenzene

Holding times for preparation or analysis exceeded

0.025

0.050

0.050

0.10

1.000

ND

ND ND

ND

0.99

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

Analyte detected in the associated Method Blank

99.4

80

120

- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- 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			Lin	12 mg)	
	4/30/2020 9:05:33 AM			ing	reny)	X-1
Reviewed By: TOD 4/36/20	4/00/2020 3.00.00 AW			ν,		***
Chain of Custody						
1. Is Chain of Custody sufficiently complete?		Yes	V	N		Not Present
2. How was the sample delivered?		Cou	rier			
<u>Log In</u>						
3. Was an attempt made to cool the samples?		Yes	V	No		NA 🗌
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes	V	No		NA 🗆
5. Sample(s) in proper container(s)?		Yes	V	No		
6. Sufficient sample volume for indicated test(s)?		Yes	V	No		
7. Are samples (except VOA and ONG) properly p	preserved?	Yes	V	No		
8. Was preservative added to bottles?		Yes		No	V	NA 🗆
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes		No		NA ☑
10. Were any sample containers received broken?		Yes		No	V	# of preserved bottles checked
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	V	No		for pH; (<2.or >12 unless noted)
2. Are matrices correctly identified on Chain of Cu	2. Cat •	Yes				Adjusted?
3, Is it clear what analyses were requested?		Yes	-			Checked by: 30 4/30/20
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	V	No		Checked by: 3 4 7(150120
Special Handling (if applicable)						
15. Was client notified of all discrepancies with this	s order?	Yes		No		NA 🗹
Person Notified:	Date:	arseyvase	t in E Kurjutta-interta		CHARLES!	
By Whom:	Via:] eM	ail [] Phone [] Fax	☐ In Person
Regarding:	na katana ana ana ana ana ana ana ana ana an	42.5000,000	20m-d-0227	owanie zaka zaka zaka zaka zaka zaka zaka zak	- den - de la company	
Client Instructions:	energia de la composição d	7 (5m), (m) = 2 (SS Sound To Beech with the	garrina i la comenda d'Angolic e la procure e e	Decressors IA-lijke	And the second and the second
16. Additional remarks:	,					
요즘 이 이번 기업에게 하는 기업이 있다. 나는 그 그 모든 사람들이 없는 것 같아.	Intact Seal No Seresent	eal D	ate	Signed	Ву	

			istody Record	Turn-Around Time: 4-day					HALL ENVIRONMENTA ANALYSIS LABORATOR									'AL	Marie .	
Client:	Talon I	LPE		₫ Standard	□ Rush					A	N.	AL	vs	IS		AB	OR.	ATC	DR	Y
		Texas S	St	Project Name	e:		135		*15.0	V	ww.	.hall	envi	ronn	nenta	al.cor	n			
Mailing /	Address:	Arte	sia, NM 88210	D:amond	PWU 22	#001H		490)1 Ha	awkir	ns N	E -	Albi	ique	erque	e, NM	8710	9		
~ ~~~~~				Project #:				Te	1. 50	5-34	5-39		-			345-4	107			
Phone #	f:		The state of the s	700794-315.01				Analysis Request												
émail or	Fax#:	(575)	746-8905	Project Mana	ager:		3	00					SO4			ent)				
QA/QC F	Package: dard		☐ Level 4 (Full Validation)	Chris	Jones	APPLICATION OF THE PARTY OF THE	/ TMB's (8021)	RO/ME	Pesticides/8082 PCB's		OSIMS		, PO4,			nt/Abs	- Lucian de la companya de la compan			
		□ Az Co	ompliance	Sampler: By	andon S	inclair	TWE	10/	3082	4.1)	827		NOZ		~	rese			-	
□ NEL		☐ Other	T		The Street of Street and The Street	⊡ No -	E/	3RO	les/	150	0 or	als	03,	1	VOA	n (P				
□ EDD	(Туре)			# of Coolers Cooler Tem		2740=27	MTBE,	5D((sticic	stho	831	Met	Ž	(AC	를 근	lifon				
Date	Time	Matrix	Sample Name	Container Type and #		HEAL NOG	BIEN/	(TPH;8015D(GRO/DRO/MRO)	8081 Per	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(CI),F, Br, NO3, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)				
	OR:30	1	5-1 0-1	4 02 jai		-001	1	1					1							
	28:40		5-2 0-1		and the same of th	-602														
	08:50		5-3 0-1			-003														
	09:00		5-4 0-1			-004		and less												
	29:10		5-5.0-1	7.4	- Hillion And	-005		Ti-									_			
	09:20		5-6 0-1		Overagement	-006		a recipient in the second												
	59:30		5-7 0-1		and the same of th	700-														
	09:40		5-8 D-1			-008							2				8-1			
	09:50		S-A 0-1			-009]='					1 1						\vdash
	10:00		S-10 n-1		1	- 010														
			10	noon on 177	y View	Date . Time		ma=1												
Date:	Time:	Relinguis	Intr	Received by:	Vie: Vie: 1 Courter	9/29/20 154) Date Time	S F	Rpor	ins@t	Ple Italic Italion	nipe lpe.d	e.co com	m			/ing	via e		10	£1



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 Qu	al Units	DF	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	ıal 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

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

Lab ID: 2009A90-003	Matrix: SOIL	R	eceived Dat	e: 9/18/2020 8:00:00 AM	
Analyses	Result	RL Q	Qual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: 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 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 RL

Page 3 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 1-2'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-004

Matrix: SOIL

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

Analyses	Result	RL Qua	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					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 ORGA	NICS				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
- 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 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 2-3'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-005

Matrix: SOIL

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

Aualyses	Result	RL Q	ual Units	DF	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	%Rec	1	9/21/2020 2:47:12 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	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	%Rec	1	9/21/2020 12:33:40 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
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting 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 Matrix: SOIL 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

			W			The second secon	
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

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
- 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 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: 20

2009A90-007

Client Sample ID: S-5 4-5'

S 11 ... B .. 0/1/2000

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
- 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

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

Refer to the OC 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 8 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 6-7'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-009

Matrix: SOIL

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

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 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
 - Analyst: JMT

 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 Client Sample ID: S-5 8-9'

Project: Diamond PWU 22 001 H Collection Date: 9/16/2020 9:55:00 AM

Lab ID: 2009A90-011 Matrix: SOIL Received Date: 9/18/2020 8:00:00 AM

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

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

RL Reporting Limit

Page 11 of 42

2009A90-012

Lab ID:

Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5 9-10'

CLIENT: Talon Artesia Project: Diamond PWU 22 001 H

Matrix: SOIL

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

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

EPA METHOD 300.0: ANIONS 55388 330 60 mg/Kg 20 9/24/2020 8:46:48 AM Chloride

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 H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Practical Quantitative Limit POL.

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range H

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 12 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: 2009A90-013

Project:

Client Sample ID: S5 10-11'

Collection Date: 9/16/2020 10:05:00 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
 83
 60
 mg/Kg
 20
 9/24/2020 8:59:08 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

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 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID:

_

Client Sample ID: S5 11-12'

Project: Diamond PWU 22 001 H

2009A90-014 Matrix: SOIL

Collection Date: 9/16/2020 10:10:00 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
 78
 60
 mg/Kg
 20
 9/24/2020 9:11:29 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
- 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				Analyst	: 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 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 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-016

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

Analyses	Result	RL (Qual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: JMT
Chloride	5200	300	mg/Kg	100 9/24/2020 7:11:18 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
- 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

Project:

Diamond PWU 22 001 H

Lab ID: 2009A90-017

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	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: 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: 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

Analyses	Result	RL Qua	l Units	DF Date Analyzed	Batch
ESA METUOS AGO A ANIONO	10.1001010		- Junio	Analy	et IMT

EPA METHOD 300.0: ANIONS

Chloride

7000

Matrix: SOIL

300

mg/Kg

100 9/24/2020 7:35:59 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 11
- 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 18 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: 2009A90-019

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				Analy	st: JMT
Chloride	7500	300	mg/Kg	100 9/24/2020 7:48:20 PN	1 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 19 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S6 6-7'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-020

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				Analysi	JMT
Chloride	7200	300	mg/Kg	100 9/24/2020 8:00:40 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

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

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 Qual Units DF Date Analyzed Batch

Matrix: SOIL

EPA METHOD 300.0: ANIONS

Chloride

8500 300

mg/Kg 100 9/24/2020 8:13:01 PM

Analyst: **JMT** 8:01 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

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

Diamond PWU 22 001 H

Lab ID: 2009A90-022

Project:

Client Sample ID: S8 1-2'

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

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 22 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: 2009A90-023

Project:

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	E				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

100 9/25/2020 11:49:37 AM 55388

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S8 3-4'

mg/Kg

Project: Diamond PWU 22 001 H

Collection Date: 9/16/2020 11:10:00 AM

Lab ID: 2009A90-024

CLIENT: Talon Artesia

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

5200

300

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 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	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	3700	150		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

Diamond PWU 22 001 H

Lab ID: 2009A90-026

Project:

Client Sample ID: S8 5-6

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

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

Analyses	Result	RL Qu	al Units	DF	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 Sample ID: S8 6-7' CLIENT: Talon Artesia

Collection Date: 9/16/2020 11:25:00 AM Diamond PWU 22 001 H Project: Received Date: 9/18/2020 8:00:00 AM 2009A90-027 Matrix: SOIL Lab ID:

DF Date Analyzed Batch **RL** Qual Units Result Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** mg/Kg 9/24/2020 2:12:45 PM 55410 79 60 20

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 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 E

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 27 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S8 7-8' CLIENT: Talon Artesia

Collection Date: 9/16/2020 11:30:00 AM Diamond PWU 22 001 H Project: Received Date: 9/18/2020 8:00:00 AM Lab ID: 2009A90-028 Matrix: SOIL

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

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

PQLPractical 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

Diamond PWU 22 001 H

Lab ID: 2009A90-029

Project:

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 Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	220	60	mg/Kg	20	9/24/2020 2:37:34 PM	55410
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2020 6:35:12 AM	55280
Surr: BFB	102	70-130	%Rec	1	9/21/2020 6:35:12 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: mb
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/19/2020 11:34:28 AM	55271
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/19/2020 11:34:28 AM	55271
Surr: DNOP	102	30.4-154	%Rec	1	9/19/2020 11:34:28 AM	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 29 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S10 2-3'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-030

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:	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 Analyte 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

Diamond PWU 22 001 H

2009A90-031

Project:

Matrix: SOIL

Client Sample ID: S10 3-4'

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

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

			1.00000000			
Analyses	Result	RL	Qual Un	its 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	%R	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	%R	tec 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 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 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	RL	Qual	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 RAN	IGE					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 OF	RGANICS					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

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 32 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: 2009A90-033

Project:

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.
- 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 33 of 42

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 Unit	s DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	61	60	mg/k	.g 20	9/24/2020 4:04:26 PM	55410
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/k	.g 1	9/21/2020 12:40:40 PM	55280
Surr: BFB	103	70-130	%Re	c 1	9/21/2020 12:40:40 PM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: mb
Diesel Range Organics (DRO)	28	9.3	mg/k	g 1	9/19/2020 12:23:45 PM	55271
Motor Oil Range Organics (MRO)	ND	47	mg/k	g 1	9/19/2020 12:23:45 PM	55271
Surr; DNOP	114	30.4-154	%Re	c 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	ype: ml	blk	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID: PBS	Batc	1D: 55	370	F	RunNo: 7	2041				
Prep Date: 9/22/2020	Analysis E	ate: 9/	22/2020		SeqNo: 2	524536	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlorida	ND	15		- smire						

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		

Sample ID: MB-55380	SampT	ype: ml	ołk	TestCode: EPA Method 300.0: Anions						
Client ID: PBS		1D: 55			RunNo: 7		13.51			
Prep Date: 9/23/2020	Analysis D	late: 9/	23/2020		SeqNo: 2	526919	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5	2,00000							

Sample ID: LCS-55380	Samp	Type: Ics		Tes	tCode: E	PA Method	300.0: Anion	IS		
Client ID: LCSS	Batc	h ID: 55	380	F	RunNo: 7	2108				
Prep Date: 9/23/2020	Analysis D	Date: 9/	23/2020	8	SeqNo: 2	526920	Units: mg/h	(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	SampType: mblk			Tes	TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 55388			F	RunNo: 7	72108					
Prep Date: 9/23/2020	Analysis E	Analysis Date: 9/24/2020			SeqNo: 2	2526979	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5			***						

Sample ID: LCS-55388	SampT	ype: Ics	3	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID: LCSS	Batcl	1D: 55	388	F	RunNo: 7	2108				
Prep Date: 9/23/2020	Analysis [)ate: 9/	24/2020	9	SeqNo: 2	526980	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

Sample ID: MB-55410

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 55410

RunNo: 72143

Prep Date: 9/23/2020

Analysis Date: 9/24/2020

Result

ND

SeqNo: 2528909

Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

PQL

PQL

1.5

SPK value SPK Ref Val %REC LowLimit 1.5

HighLimit

%RPD

Sample ID: LCS-55410

SampType: Ics

TestCode: EPA Method 300.0: Anions

RunNo: 72143

Client ID: LCSS Prep Date: 9/23/2020

Batch ID: 55410 Analysis Date: 9/24/2020

SeqNo: 2528910

Units: mg/Kg

%RPD **RPDLimit**

SPK value SPK Ref Val %REC LowLimit

94.7

HighLimit

Analyte

15.00

110

Chloride

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#: 200

2009A90 28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

							COLUMN D		. 0	
Sample ID: LCS-55271	SampTy	oe: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 55271			F	RunNo: 7	1994				
Prep Date: 9/18/2020	Analysis Dat	te: 9/	19/2020	9	SeqNo: 2	520477	Units: mg/ł	⟨ g		
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	SampTyr	oe: ME	BLK	Tes	Code: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch I	D: 55	271	R	tunNo: 7	1994				
Prep Date: 9/18/2020	Analysis Dat	e: 9 /	19/2020	S	eqNo: 2	520482	Units: mg/k	(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	SampTyp	e: LC	S	Test	Code: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: LCSS	Batch II	D: 55 :	283	R	unNo: 7	2031				
Prep Date: 9/19/2020	Analysis Dat	e: 9/	21/2020	S	eqNo: 2	522561	Units: mg/F	(g		
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	SampTyp	e: ME	BLK	Test	Code: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: PBS	Batch II	D: 55 2	283	R	unNo: 7	2031				
Prep Date: 9/19/2020	Analysis Dat	e: 9/	21/2020	S	eqNo: 2	522562	Units: mg/K	(g		

Sample ID: 2009A90-022AMS	SampT	уре: М	3	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S8 1-2"	Batch ID: 55297			RunNo: 72063						
Prep Date: 9/21/2020	Analysis E)ate: 9/	22/2020	S	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			
- · · · · ·			4.883		99.0	30.4	154			

%REC

127

LowLimit

30.4

HighLimit

154

SPK value SPK Ref Val

10.00

PQL

10

50

Result

ND

ND

13

Qualifiers:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

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 38 of 42

RPDLimit

%RPD

Qual

Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID:	2009A90-022AMSD	SampTy	voe. Ms	SD.	Tes	tCode: FI	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID:		Batch ID: 55297				TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 72063					
Prep Date:		Analysis Date: 9/22/2020			SeqNo: 2524594 Units: mg/Kg						
•	012172020	*			SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Diesel Range C	roanics (DRO)	Result 53	9.2	45.83	3.807	107	15	184	11.8	23.9	
Surr: DNOP	.gamos (erre)	5.5		4.583		119	30.4	154	0	0	
Sample ID:	LCS-55297	SampTy	/pe: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics	<u></u>
Client ID:	LCSS	Batch	ID: 55	297	F	RunNo: 7 2	2063				
Prep Date:	9/21/2020	Analysis Da	ate: 9/	22/2020	8	SeqNo: 2	524681	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	64	10	50.00	0	127	70	130			
Surr: DNOP		7.7		5.000		154	30.4	154			
Sample ID:	LCS-55318	SampTy	/pe: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	ID: 553	318	R	tunNo: 72	2063				
Prep Date:	9/21/2020	Analysis Da	ate: 9/2	22/2020	S	SeqNo: 2	524682	Units: %Rec	;		
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	SampTy	pe: LC	S	Test	Code: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	ID: 55 3	322	R	unNo: 72	2063				
Prep Date:	9/21/2020	Analysis Da	ite: 9/2	22/2020	S	eqNo: 28	524684	Units: %Rec	:		
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: I	LCS-55325	SampTy	pe: LC	S	Test	Code: EF	A Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	ID: 55 3	325	R	unNo: 72	2063				
Prep Date:	9/21/2020	Analysis Da	ite: 9/2	23/2020	S	eqNo: 25	524685	Units: %Rec			
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: I	MB-55297	SampTy	pe: MB	LK	Test	Code: EF	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: I	PBS	Batch	ID: 552	97	R	unNo: 72	2063				
Prep Date:	9/21/2020	Analysis Da	ite: 9/2	22/2020	S	eqNo: 25	524686	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

Result

ND

ND

13

PQL

10

50

10.00

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

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

Client ID: PBS

Batch ID: 55318 Prep Date: 9/21/2020

RunNo: 72063

Units: %Rec

Analyte

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

SeqNo: 2524687

72.3

154

Surr: DNOP

SPK value SPK Ref Val 10.00

%REC LowLimit

30.4

%RPD HighLimit

Qual

Sample ID: MB-55322

SampType: MBLK

RunNo: 72063

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

Client ID: PBS Prep Date: 9/21/2020

Batch ID: 55322 Analysis Date: 9/22/2020

SeqNo: 2524688

Units: %Rec

Analyte

Result

SPK value SPK Ref Val 10.00

%REC

HighLimit 30.4

RPDLimit

RPDLimit

Qual

Surr: DNOP

8.6

SampType: MBLK

PQL

86.2

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

%RPD

%RPD

PBS Client ID:

Sample ID: MB-55325

9/21/2020

Batch ID: 55325

RunNo: 72063 SeqNo: 2524689

Units: %Rec

Analyte

Analysis Date: 9/22/2020

SPK value SPK Ref Val %REC

LowLimit

HighLimit

RPDLimit

Qual

Surr: DNOP

Prep Date:

9.1

10.00

90.9

30.4

154

Qualifiers: Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix Ð

Holding times for preparation or analysis exceeded FT

Not Detected at the Reporting Limit ND Practical Quantitative 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 40 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#: 20

2009A90 28-Sep-20

Client:

Talon Artesia

Project: Diamond	PWU 22 (001 H								
Sample ID: mb-55278	SampT	ype: M	BLK	Tes	TestCode: EPA Method 8015D Mod: Gasoline Range					
Client ID: PBS	Batch	1D: 55	278	1	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis D	ate: 9	/20/2020	;	SeqNo: 2	520778	Units: mg/l	≺g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 510	5.0			101	70	130			
Sample ID: Ics-55278	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	ID: 55	278	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis D	ate: 9/	/20/2020	5	SeqNo: 2	520779	Units: mg/h	⟨ 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	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	ID: 55	280	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis D	ate: 9/	20/2020	5	SeqNo: 2	521020	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: 8FB	ND 520	5.0	500.0		104	70	130			
Sample ID: Ics-55280	SampT	ype: LC	:S	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS		ID: 55 :		F	RunNo: 7 '	1999				
Prep Date: 9/19/2020	Analysis D	ate: 9/	20/2020	S	SeqNo: 28	521021	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	91.4	70	130			
Surr: BFB	520		500.0		104	70	130			
Sample ID: 2009a90-022ams	SampTy	ype: MS	3	Tes	Code: EF	A Method	8015D Mod:	Gasoline I	Range	
Client ID: S8 1-2'		ID: 55		F	RunNo: 71	1999				
Prep Date: 9/19/2020	Analysis Da			S	eqNo: 28	521023	Units: mg/K	(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	SampTy	/pe: MS	SD O	Test	Code: EF	A Method	8015D Mod:	Gasoline I	₹ange	
Client ID: S8 1-2'		ID: 55 2		R	tunNo: 72	2064				
Prep Date: 9/19/2020	Analysis Da	ate: 9/	22/2020	S	eqNo: 28	524729	Units: mg/K	g		

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 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 Client ID: S8 1-2'

SampType: MSD

TestCode: EPA Method 8015D Mod: Gasoline Range

Batch ID: 55280

RunNo: 72064

%REC

Prep Date: 9/19/2020

Analysis Date: 9/22/2020

4.9

SeqNo: 2524729

LowLimit

Units: mg/Kg HighLimit

Analyte
Gasoline Range Organics (GRO)
Surr: BFB

Result
20
500

24.58	
491.6	

PQL SPK value SPK Ref Val

0	82.0
	102

9.2	122
70	130

7.67 20 0 0

RPDLimit

%RPD

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

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:	ient Name: Talon Artesia Work Order No					RcptNo: 1
Received By:	Cheyenne Cason	9/18/2020 8:00:00	AM			
Completed By:	Juan Rojas	9/18/2020 8:27:22 AM			Glane &	
Reviewed By:	2m all \$120					
Chain of Cus	tody					
1. Is Chain of Co	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	es?	Yes	V	No 🗆	NA 🗆
4. Were all samp	oles received at a temperat	ure of >0° C to 6.0°C	Yes	V	No 🗆	NA 🗆
5. Sample(s) in p	proper container(s)?		Yes	\checkmark	No 🗆	
6, Sufficient sam	ple volume for indicated te	st(s)?	Yes	V	No 🗆	
7. Are samples (e	except VOA and ONG) pro	perly preserved?	Yes	V	No 🗆	
8. Was preservat	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 br	oken?	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	V	No 🗌	Checked by: (12 4/8/21
	g times able to be met? stomer for authorization.)		Yes	\checkmark	No 🔲	/ Checked by: (12 9/0) 20
Special Handli	ng (if applicable)					
15. Was client not	ified of all discrepancies wi	ith this order?	Yes		No 🗔	NA 🗹
Person h By Whor Regardir	π:	Date Via:	∏ eMε		Phone Fax	☐ In Person
		× 0 (*)				
16. Additional rem						
17. Cooler Inform Cooler No	nation Temp °C Condition 5.6 Good	Seal Intact Seal No	Seal Da	te	Signed By	

Page
125
of 571

lient:(ALON	<u>UE</u>	istody Record	Turn-Aroun	d Time:			1005		MLAS		.YS	SIS		LON ABC)ra	NT/	al Ry	
		<u>408 W</u>	TEXAS AUE	DIAMON Project #:	0 PWU 22 =			490)1 Ha						al.com ∍, NM 8				
hone #	#: <i>57</i> 5-	746-87	102					Te	1. 505	-345-	3975	F	ax 5	505-3	345-41	በፖ			
email or	r Fax#:		<u> </u>	706794	315.01				A Section	in in the second	1	Shally	SIS	de e l	iest	01			
QA/QC F	Package:			Project Mar	ıager:		=	0				SO4				T			
⊒ Stan	dard		☐ Level 4 (Full Validation)	R. Pons	,		(8021)	/MR	CB's	F.T) 8270SIMS		O4, S(Coliform (Present/Absent)				
	tation:		mpliance		ONNIE RODI	٥	TMB's	8	2 P	_ 70S		, P.			nt/A				
J NEL	AC (Type)	□ Other		Unice:	Ø Yes	O No)/E	808,	4.1, 82		NO₂, PO₄,			ese				
<u>111</u>	(Type)			# of Coolers	: /		BE/	3RC	des/	0 0	S	3,		OA,	<u>g</u>				
				Cooler Terr	P(Including CF): S. S	+0.1=5.6	MTE) 2D(ificic	110C	Mete	NC NC	A)	Ni-V	orm				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative	HEAL No.	BTEX / 1	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EUB (Method 504.1) PAHs bv 8310 or 827	RCRA 8 Metals	⊕F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	al Colif				
1-16-20	9:00	Soil	5-2 1-21			2009990	<u>B</u>	片	80	PA EU	RC	\bigcirc	826	827	Total				
	9'.05	r	S-2 2-3'	GLASS 1	ICE COOL	-001						V							
	9:10		5-2 3-4'			-002	ļ					V							
	9.20		S-5 1-2'			<u>-003</u>		·····				/							
1	9:25					-004		~				/						+	
	4.30		S-5 2-3'			7005		~				~				+			
1	9:35		5-5 3-4			-00 C		~				1							_
Live Constitution of the C			s-5 4-5'	9		-0o-T		v				V				+-+			_
	9.40		5-5 5-6			-008		0				1							
	9:45		5-5 6-7			-009		ue O				. /		_		+	_		
	9:50		5-5 7-8'			-010					-	1/					_		
1	9:55		5-5 8-9'			-011	$\dagger \exists \dagger$	-			-	7				-		_	
ate:	Time:	Relinquish	5-5 9-10'			-012					+	14				-			
1/17/2	1300	130		Received by:	Via:	Date Time 9/17/20 1300	Ren		1(1	ll de	von	en e	<u>l</u>	<u> </u>	irect	-			<u> </u>
Pate:	Time:	Relinquish	ed by:	Received by:	Via:	Date Time		(2/0	# 2	ワフタ	549	89						
V * (. 2 *)	1 0	I Y/I/	omitted to Hall Engrenmental may be sub	Con	Ciw	9/18/2 03/U	j										o-\$3		

Mailing Address: 408 W.TEXAS AVE	Turn-Around Time: 4-DAY A Standard Rush Project Name: (DIAMOND) DIAMOND PWU 12 # 801 H Project #:			HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109												
hone #: 575-746-8768	r Toject #:				Te	i ila 1 505	WKINS	: NE 3975						}		
mail or Fay#-	700794.	315.01		Nigor de			-040-	აყ/ <u>ე</u>		ax :	505-	345-4	107			
A/QC Package:	Project Mana	ger:							ALCIV.		<u>re</u>		107 327	1,5		
」Standard □ Level 4 (Full Validation)	R. PONS			(8021)	/MRO)	PCB's	Q.	2	4, SO ₄			sent)				
CCreditation: The second	Sampler &	NOIE RODI		3's (01		l oc		PO₄,		-	(AP				
□ NELAC □ Other □ Oth	On Ice:	Yes	No □	TMB's	/DRO	3082	(1,1)		NO ₂ ,			sen				
	# of Coolers:	j		E/	88	3/sə	504	2 2			8	(Pre				
	Cooler Temp	(including CF): 55	+0.1=56	MTBE	Ö	ticia	hod 2340	(eta	8	2)- <u>i</u> -	E				
Pate Time Matrix Sample Name	Container Type and #	Preservative	HEAL No.	BTEX / [TPH:8015D(GRO	8081 Pesticides/8082	EDB (Method 504.1)	RCRA 8 Metals	CŊF, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	;			
-1620 10:05 Soul SS 10-111		Туре	70091990	BT		808		2 2	3	326(3270	ota				
10:10 / 55 11-12'	GLASS I	ICE COOL	<u>-613</u>						X						-	_
10:20 \ 56 1-2'		/	-014						X							_
10:25 56 2-3'		200						+-	X							
		Ì	-016			_	-		 							
	/		-017				-		X							
10:35 / 56 4-5'						_	-		K							
10:40 56 5-6'			-018		-	_	- -		X							1
10:45 \ 56 6-7'		Ì	-019						X							+
10:50 56 78'	A Comment	1	-020						X						+	-
11:00 \ 58 1-2'		} 	<u>-c21</u>						X			$\neg \vdash$	-			+
/ 11:05) 58 2-31		/	-025		\times				X			_				+
11:10 / 58 3-41	N. Comments		-013		X				X			_	-			4
ate: Time: Relinquished by	Received by:	Via;	-024					1 ;	X		-	_		-		_
17/20 30 /200	Sh	VIG	Date Time	Rem	arks	: B;	// 1)	ימרו ליים	Fan	era	, 75	irec)		<u> </u>		
ate: Time: Refinquished by:	Received by:	Via:	9/17/22 /300 Date Time		W	10 to	20	754	989	Jy	مست	ree)				
If necessary, samples submitted to Hall Environmental may be subco	Con	Cor												205		

Chain-of-Custody Record Client: Thum UPE	Turn-Around Time: イーの					H <i>ø</i> An		. En	IVI	[R(oni	Mer	als Als	
Mailing Address: 408 い.Texas Ave	DIAMOND PWU 22 Project#:	# BOIH		490	1 Ha	WW	w.ha	llenvir	onme	ental	.com NM 8	RA	TOF	\$Y
Phone #: 575-746-8768 email or Fax#:	706794, 315.0 (Project Manager:			Tei	. 505	-345-(3975	Fa	ax 50	1527	15 110	7109 07		
QAVQC Package: ☐ Standard ☐ Level 4 (Full Validation)	R. Pons		(8021)	(MRO)	PCB's	İ		SO4		- 1				
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other ☐ EDD (Type)	Sampler: Rowal E Ro	DRIGUEZ □ No	TMB's	J/DRO/	\sim	FLDE (IMEITION 504.1) PAHs by 8310 or 8270SIMS		NO ₂ , PO ₄ ,		- HAR	(Fresent/Absent)			
	# of Coolers: [Cooler Temp(Including CF): 5		MTBE/	TPH:8015D(GRO	8081 Pesticides/8082	ELDS (IMERIOU 304.1) PAHs by 8310 or 827	Metals	Ю ₃ ,	A)	8270 (Semi-VOA)	Collionii (Pie			
Date Time Matrix Sample Name 7-16-20 11:15 Soil 58 4-5	Container Preservativ Type and # Type	e HEAL No. 70091990	BTEX/	TPH:801	3081 Pe	AHs by	RCRA 8 Metals	CI}F, Br, NO₃,	8260 (VOA)	82/0 (Ser	Jiai Colli			
11:20 / 58 5-6	GLASS 1 ICE/CODE	-075 -076				-			60 60	7 6	=			
11:30 \ 58 7-81		7027						A SAME STATE						
11:40 510 1-2 ¹ 11:45 510 2-3 ¹		-078 -079		X		<u> </u>								
11:50 (510 3-4"		-030 -031												
12:00) 510 5-6'		-032 -033		- A - A - A - A - A - A - A - A - A - A										
(12:10 (S10 6-7' (12:10 (S10 7-8'		-03Y -035		\										
Pate: Time: Relinquished by:	Received by: Via:	Date Time	Rem	arks:	A i	1 12	:	2			ect.			
Date: Time: Relinquished by: 1100 WW WWW. If necessary, samples submitted to Hall Enterglands and the samples submitted to Hall Enterglands.	Received by: Via:	Date Time		-{W}	U #	dU.	75 Y	784					,	
If necessary, samples submitted to Hall Environmental may be sub	On Cow	9/18/20 0800									oa 7	C.\$7		



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

Lab ID:

2010B10-001

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	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	ANICS				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	Г				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 Sample ID: S-12 0-1'

Project: Devon Energy Diamond PM4 22 #001H

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

Lab ID: 2010B10-002

CLIENT: Talon Artesia

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.
- 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 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					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	NICS				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 LIST					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

Devon Energy Diamond 1 Wi4 22 #00111

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: BFB	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 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 13

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

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

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

Lab ID: 2010B10-005

Matrix: SOIL

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	NICS				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 LIST					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.
- 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 5 of 13

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

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

Lab ID:

2010B10-006

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 ORGAI	VICS					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

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
- 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 E
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 6 of 13

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PM4 22 #001H

Lab ID: 2010B10-007

Client Sample ID: S-17 0-1'

Collection Date: 10/21/2020 12:08:00 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	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 ORGAI	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

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 7 of 13

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 0-1'

Project: D

Devon Energy Diamond PM4 22 #001H

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

Lab ID: 2010B10-008

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	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 ORGA	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

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 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

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

SampType: ics

TestCode: EPA Method 300.0: Anions

SPK value SPK Ref Val %REC LowLimit

Client ID: LCSS

Sample ID: LCS-56038

Prep Date: 10/26/2020

Batch ID: 56038

RunNo: 72931

SeqNo: 2564018

Units: mg/Kg

Analyte

Analysis Date: 10/26/2020

SPK value SPK Ref Val

%RPD **RPDLimit** Qual

14

15.00

%REC 92.5

90

HighLimit

Chloride

1.5

LowLimit

110

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.

4.9

4.907

WO#: 2010B10

29-Oct-20

Client:

Talon Artesia

Project: Devon 1	Energy Dian	nond Pi	M4 22 #00	lH						
Sample ID: MB-56002	SampT	ype: Mi	BLK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	n ID: 56	002	I	RunNo: 7	2912				
Prep Date: 10/23/2020	Analysis D	ate: 10	0/24/2020	;	SeqNo: 2	562944	Units: mg/l	(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: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	1D: 56	002	F	RunNo: 7	2912				
Prep Date: 10/23/2020	Analysis D	ate: 10	0/24/2020	5	SeqNo: 2	562945	Units: mg/h	(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: 2010B10-001AM	S SampT	ype: MS	}	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	o Organics	
Client ID: S-11 0-1'	Batch	ID: 56	002	F	RunNo: 7	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: 2010B10-001AM	SD SampT	ype: MS	SD .	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	Organics	
Client ID: S-11 0-1'	Batch	ID: 560	002	F	RunNo: 7	2912				
Prep Date: 10/23/2020	Analysis D	ate: 10	/24/2020	S	SeqNo: 28	562948	Units: mg/K	g		
Analyte	Result	PQL	SPK value	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	

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

Practical Quantitative Limit PQL

Surr: DNOP

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

99.9

154

0

30.4

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 10 of 13

0

Hall Environmental Analysis Laboratory, Inc.

WO#: 2

2010B10 29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: mb-56001 SampType: MBLK Slient ID: PBS Batch ID: 56001				F	TestCode: EPA Method 8260B; Volatiles Short List RunNo: 72901								
Prep Date: 10/23/2020	rep Date: 10/23/2020 Analysis Date: 10/24/2		0/24/2020	SeqNo: 2562492			Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.025				activities.							
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	TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: BatchQC	Batc	h ID: 56	001	RunNo: 72901										
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			SeqNo: 2562493			Units: mg/k							
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.					
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	54	TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: S-11 0-1'	Batc	h ID: 56	001	F	RunNo: 7	2901								
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			SeqNo: 2562495			Units: mg/k							
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							
Toluene	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: М .S h ID: 56 6		TestCode: EPA Method 8260B: Volatiles Short List RunNo: 72901										
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			5	SeqNo: 2	562496	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.
- 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 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	SampT	ype: ME	3LK	Tes	tCode: E	PA Method	8015D Mod:	Gasoline	Range				
Client ID: PBS	Batch	ID: 56	001	F	RunNo: 7	2901							
Prep Date: 10/23/2020	Analysis D	Analysis Date: 10/24/2020			SeqNo: 2562518			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	540		500.0		109	70	130						

Sample ID: Ics-56001	SampT	ype: LC	s	TestCode: EPA Method 8015D Mod: Gasoline Range										
Client ID: LCSS	Batch	1D: 56	001	F	RunNo: 7	2901								
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			S	SeqNo: 2	562519	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.9	70	130							
Surr: BFB	520		500.0		103	70	130							

Sample ID: 2010b10-002ams	SampT	ype: MS	3	Tes	8015D Mod:	Gasoline	Range					
Client ID: S-12 0-1'	Batch	1D: 56	001	F								
Prep Date: 10/23/2020	Analysis D	ate: 10	0/24/2020	8	SeqNo: 2	562522	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	28	5.0	24.98	0	113	49.2	122					
Surr: BFB	510		499.5		103	70	130					

Sample ID:	2010b10-002amsd	SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range				
Client ID:	S-12 0-1'	Batch	ID: 56	001	F	RunNo: 7	2901							
Prep Date:	te: 10/23/2020 Analysis Date: 10/24/2020					SeqNo: 2	562523	Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range	e Organics (GRO)	27	5.0	24.88	0	110	49.2	122	3.67	20				
Surr: BFB		500		497.5		101	70	130	0	0				

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

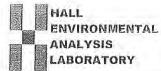
B Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

pH Not In Range Page 13 of 13



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-4575 FAX: 505-345-4107

Sample Log-In Check List

Website: clients.hallenvironmental.com Client Name: Talon Artesia Work Order Number: 2010B10 ReptNo: 1 Received By: Chevenne Cason 10/23/2020 8:00:00 AM Completed By: Isaiah Ortiz 1- 611 10/23/2020 8:17:12 AM Reviewed By: Chain of Custody 1. Is Chain of Custody complete? Yes V No 🗌 Not Present 2. How was the sample delivered? Courier Log In No [] 3. Was an attempt made to cool the samples? Yes V NA L No V 4. Were all samples received at a temperature of >0° C to 6.0°C Yes NA 🗌 No 🗌 5. Sample(s) in proper container(s)? Yes V Yes V No 🗌 Sufficient sample volume for indicated test(s)? Yes V No [7. Are samples (except VOA and ONG) properly preserved? Yes No V NA 🗌 8. Was preservative added to bottles? No 🗌 NA V 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No V Yes 10. Were any sample containers received broken? # of preserved bottles checked Yes V No 🗌 for pH: 11 Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes V No L Yes V No 13. Is it clear what analyses were requested? Checked by: 10/73/20 Yes V No [14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes No 🗆 NA V 15. Was client notified of all discrepancies with this order? Person Notified: Date: By Whom: eMail Phone Fax In Person Via: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 0.2 Good Not Present 2 4.0 Good Not Present

Page 1 of 1

3

-0.6

Good

Not Present

	- Company		and the second s	
	+	-	-	
	1			
	-	+		
	-			
	+			
		+	-	
0. 4.0 0.1	2)			Page 143 of 571
ort.				13 of 3

Client:	Address	alon	LPE f;lo	Project Name Diamond Project #:	700794_315.01					<i>[</i> awk	www ins N	AL v.hal VE - 975	lenvi Alb	TS ronm uque ax 5	nenterque	CON AB(al.com e, NM 345-4	DR/ 87109		ral Or`	
QA/QC Star Accred	ail or Fax#: /QC Package: Standard □ Level 4 (Full Validation: creditation: □ Az Compliance NELAC □ Other EDD (Type)			Project Manager: R Pons Sampler: B Sinclair On Ice: A Yes No				BTEX)/ MTBE / TMB's (8021) (PH)8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS		GI) F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	- Angelon - Ange		Total Coliform (Present/Absent)				
Date	11:42 11:47 11:51 11:56 12:02		Sample Name 5-11 0-1' 5-12 0-1' 5-13 0-1' 5-14 0-1' 5-15 0-1' 5-16 0-1'	Container	Preservative Type	HEAL No. 7010 B10 001 007 003 005 006		(PH)8015	8081 Pest	EDB (Met	PAHs by 8	RCRA 8 Metals	(g) F, Br,	8260 (VOA)	8270 (Semi-VOA)	Total Colife				
	(2:08		5-17 0-1			003	Angueristic Constitution of Co						S SCHOOL STATE OF SCHOOL STATE	AU.						
ate: Section ate: Section	Time:	Relinquish Relinquish		Received by:	Via:	Date Time 10 heles 1000 Date Time Oh3 he OSW	W) Bi	nark:	s: # d;	: 2 rea	07. :+	5 i	191	59 De	Vo	0.2 U.O	 セク セク) = 0 = 0 = -0	7.2	



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

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/3/2020

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: 201

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-Dichloroethane-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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	99	59		mg/Kg	20	11/27/2020 3:05:24 AM	56676
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRÖ)	ND	4.6		mg/Kg	1	11/28/2020 6:05:27 PM	56663
Surr: BFB	108	70-130		%Rec	1	11/28/2020 6:05:27 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/1/2020 12:22:22 PM	56713
Motor Oil Range Organics (MRO)	ND	47	T H	mg/Kg	1	12/1/2020 12:22:22 PM	56713
Surr: DNOP	114	30.4-154		%Rec	1	12/1/2020 12:22:22 PM	56713
EPA METHOD 8260B; VOLATILES SHORT LIST	r					Analyst:	DJF
Benzene	ND	0.023		mg/Kg	1	11/28/2020 6:05:27 PM	56663
Toluene	ND	0.046	1 12	mg/Kg	1	11/28/2020 6:05:27 PM	56663
Ethylbenzene	ND	0.046	1 19	mg/Kg	1	11/28/2020 6:05:27 PM	56663
Xylenes, Total	ND	0.093	1 12	mg/Kg	1	11/28/2020 6:05:27 PM	56663
Surr: 1,2-Dichloroethane-d4	105	70-130	113	%Rec	1	11/28/2020 6:05:27 PM	56663
Surr: 4-Bromofluorobenzene	96.3	70-130	. 13	%Rec	1	11/28/2020 6:05:27 PM	56663
Surr: Dibromofluoromethane	116	70-130		%Rec	1	11/28/2020 6:05:27 PM	56663
Surr: Toluene-d8	90.4	70-130	2	%Rec	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

8 % 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					Anal	yst: 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 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 5 of 32

CLIENT: Talon Artesia

Analytical Report

Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-11 10'

roject: 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: VP
Chloride	1400	59	mg/Kg	20	11/27/2020 3:42:38 A	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.

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
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Chloride
 150
 61
 mg/Kg
 20
 11/27/2020 3:55:03 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

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 32

Lab Order 2011C43

Date Reported: 12/3/2020

11/28/2020 6:34:01 PM 56663

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Surr: Toluene-d8

Client Sample ID: S-12 2'

Project: Devon Energy Diamond PWU 22 001H

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

Matrix: SOIL 2011C43-008 Lab ID: Result **RL** Qual Units **DF** Date Analyzed Batch Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 11/27/2020 4:32:16 AM 56676 Chloride ND 60 mg/Kg Analyst: DJF **EPA METHOD 8015D MOD: GASOLINE RANGE** 11/28/2020 6:34:01 PM 56663 Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 %Rec 11/28/2020 6:34:01 PM 56663 106 70-130 1 Surr: BFB Analyst: BRM **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** 12/1/2020 12:31:57 PM 56713 10 mg/Kg 1 Diesel Range Organics (DRO) ND 1 12/1/2020 12:31:57 PM 56713 ND 50 mg/Kg Motor Oil Range Organics (MRO) 12/1/2020 12:31:57 PM 56713 Surr: DNOP 90.9 30.4-154 %Rec **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF 11/28/2020 6:34:01 PM 56663 Benzene ND 0.025 mg/Kg 1 11/28/2020 6:34:01 PM 56663 ND 0.049 mg/Kg 1 Toluene ND 0.049 mg/Kg 11/28/2020 6:34:01 PM 56663 Ethylbenzene ND 0.099 mg/Kg 11/28/2020 6:34:01 PM 56663 Xylenes, Total 11/28/2020 6:34:01 PM 56663 %Rec Surr: 1,2-Dichloroethane-d4 110 70-130 70-130 %Rec 11/28/2020 6:34:01 PM 56663 Surr: 4-Bromofluorobenzene 97.0 70-130 %Rec 11/28/2020 6:34:01 PM 56663 1 Surr: Dibromofluoromethane 116

92.8

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 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

Analyses	Result	RL	Qual Ui	nits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	200	61	m	ıg/Kg	20	11/27/2020 4:44:41 AM	56676
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.7	m	g/Kg	1	11/28/2020 7:02:30 PM	56663
Surr: BFB	101	70-130	%	Rec	1	11/28/2020 7:02:30 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	NICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	mę	g/Kg	1	12/1/2020 12:41:32 PM	56713
Motor Oil Range Organics (MRO)	ND	49	mg	g/Kg	1	12/1/2020 12:41:32 PM	56713
Surr: DNOP	117	30.4-154	%I	Rec	1	12/1/2020 12:41:32 PM	56713
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst:	DJF
Benzene	ND	0.024	mę	g/Kg	1	11/28/2020 7:02:30 PM	56663
Toluene	ND	0.047	mg	g/Kg	1	11/28/2020 7:02:30 PM	56663
Ethylbenzene	ND	0.047	mg	g/Kg	1	11/28/2020 7:02:30 PM	56663
Xylenes, Total	ND	0.094	mg	g/Kg	1	11/28/2020 7:02:30 PM	56663
Surr: 1,2-Dichloroethane-d4	103	70-130	%F	Rec	1	11/28/2020 7:02:30 PM	56663
Surr: 4-Bromofluorobenzene	93.0	70-130	%F	Rec	1	11/28/2020 7:02:30 PM	56663
Surr: Dibromofluoromethane	110	70-130	%F	Rec	1	11/28/2020 7:02:30 PM	56663
Surr: Toluene-d8	85.7	70-130	%F	Rec	1	11/28/2020 7:02:30 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 9 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

11/28/2020 7:31:01 PM 56663

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 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

89.9

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

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 10 of 32

Surr: Toluene-d8

Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-011

Project:

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	t: VP
Chloride	300	60		mg/Kg	20	11/27/2020 5:34:19 Al	A 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

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-12 8'

Date Reported: 12/3/2020

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Collection Date: 11/19/2020 11:30:00 AM

2011C43-012 Lab ID:

Matrix: SOIL

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

DF Date Analyzed Batch Result RL Qual Units Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 11/28/2020 10:32:51 AM 56677 240 60 mg/Kg Chloride

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

Oualifiers:

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

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

RŁ Reporting Limit Page 12 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: 2011C43-013

Project:

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					Anal	yst: VP
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	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	680	60	mg/Kg	20	11/28/2020 11:22:30 AM	1 56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/28/2020 7:59:34 PM	56663
Surr: BFB	101	70-130	%Rec	1	11/28/2020 7:59:34 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/30/2020 11:02:34 AN	1 56680
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/30/2020 11:02:34 AM	1 56680
Surr: DNOP	83.0	30.4-154	%Rec	1	11/30/2020 11:02:34 AN	1 56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.023	mg/Kg	1	11/28/2020 7:59:34 PM	56663
Toluene	ND	0.046	mg/Kg	1	11/28/2020 7:59:34 PM	56663
Ethylbenzene	ND	0.046	mg/Kg	1	11/28/2020 7:59:34 PM	56663
Xylenes, Total	ND	0.092	mg/Kg	1	11/28/2020 7:59:34 PM	56663
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	1	11/28/2020 7:59:34 PM	56663
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	11/28/2020 7:59:34 PM	56663
Surr: Dibromofluoromethane	116	70-130	%Rec	1	11/28/2020 7:59:34 PM	56663
Surr: Toluene-d8	89.2	70-130	%Rec	1	11/28/2020 7:59:34 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 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	1 56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasofine 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	1 56680
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/30/2020 11:12:03 AM	1 56680
Surr: DNOP	76.5	30.4-154	%Rec	1	11/30/2020 11:12:03 AM	1 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.

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

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

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

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	DF	Date Analyzed	Batel
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	9200	600	mg/Kg	20	0 11/30/2020 12:27:22 F	M 56677
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analys	t: DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/28/2020 8:56:33 PM	A 56663
Surr: BFB	101	70-130	%Rec	1	11/28/2020 8:56:33 PM	A 56663
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS				Analys	t: 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 A	M 56680
EPA METHOD 8260B: VOLATILES SHOP	RT LIST				Analys	t: DJF
Benzene	ND	0.024	mg/Kg	1	11/28/2020 8:56:33 PM	1 56663
Toluene	ND	0.048	mg/Kg	1	11/28/2020 8:56:33 PM	1 56663
Ethylbenzene	ND	0.048	mg/Kg	1	11/28/2020 8:56:33 PM	4 56663
Xylenes, Total	ND	0.096	mg/Kg	1	11/28/2020 8:56:33 PM	1 56663
Surr: 1,2-Dichloroethane-d4	107	70-130	%Rec	1	11/28/2020 8:56:33 PM	1 56663
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	11/28/2020 8:56:33 PM	1 56663
Surr: Dibromofluoromethane	112	70-130	%Rec	1	11/28/2020 8:56:33 PM	1 56663
Surr: Toluene-d8	90.9	70-130	%Rec	1	11/28/2020 8:56:33 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

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

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
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Strip in the property of the

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

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: VP
Chloride	4800	150	mg/Kg	50	11/30/2020 12:39:47	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 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 32

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

2011C43-019 Lab ID:

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					Anal	yst: VP
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.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Į-T

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

RLReporting Limit Page 19 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: 2011C43-020

Client Sample ID: S-14 1'

Collection Date: 11/20/2020 9:00:00 AM Received Date: 11/25/2020 8:00:00 AM

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

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 32

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-021

Client Sample ID: S-14 2'

Collection Date: 11/20/2020 9:00:00 AM Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	\mathbf{RL}_{t}	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			Some			Analyst:	VP
Chloride	65	59		mg/Kg	20	11/28/2020 12:49:21 PM	1 56677
EPA METHOD 8015D MOD: GASOLINE RANG	E					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 ORG	ANICS					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 SHORT LIS	T					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

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

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

ject: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-022

Matrix: SOIL

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

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 32

Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-14 4' CLIENT: Talon Artesia

Collection Date: 11/20/2020 9:15:00 AM Devon Energy Diamond PWU 22 001H

Received Date: 11/25/2020 8:00:00 AM Matrix: SOIL Lab ID: 2011C43-023

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	ND	60		mg/Kg	20	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		%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 AM	156680
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2020 11:59:36 AM	56680
Surr: DNOP	95.2	30.4-154		%Rec	1	11/30/2020 11:59:36 AM	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		%Rec	1	11/29/2020 1:39:58 AM	56663
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/29/2020 1:39:58 AM	56663
Surr: Dibromofluoromethane	108	70-130		%Rec	1	11/29/2020 1:39:58 AM	56663
Surr: Toluene-d8	90.7	70-130		%Rec	1	11/29/2020 1:39:58 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

Н 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

RL Reporting Limit Page 23 of 32

Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-19 0-1

 Project:
 Devon Energy Diamond PWU 22 001H
 Collection Date: 11/20/2020 10:40:00 AM

 Lab ID:
 2011C43-024
 Matrix: SOIL
 Received Date: 11/25/2020 8:00:00 AM

RL Qual Units DF Date Analyzed Batch Result Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 11/28/2020 1:51:24 PM 56677 120 61 mg/Kg 20 Chloride Analyst: DJF **EPA METHOD 8015D MOD: GASOLINE RANGE** 11/29/2020 2:08:14 AM 56663 ND 4.8 mg/Kg Gasoline Range Organics (GRO) 11/29/2020 2:08:14 AM 56663 109 70-130 %Rec Surr: BFB Analyst: BRM **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** 11/30/2020 12:09:07 PM 56680 Diesel Range Organics (DRO) ND 9.7 mg/Kg 11/30/2020 12:09:07 PM 56680 1 Motor Oil Range Organics (MRO) ND 49 mg/Kg 11/30/2020 12:09:07 PM 56680 80.6 30.4-154 %Rec 1 Surr: DNOP Analyst: DJF **EPA METHOD 8260B: VOLATILES SHORT LIST** 11/29/2020 2:08:14 AM 56663 ND 0.024 mg/Kg Benzene 11/29/2020 2:08:14 AM 56663 ND 0.048 mg/Kg Toluene 11/29/2020 2:08:14 AM 56663 ND 0.048 mg/Kg Ethylbenzene 11/29/2020 2:08:14 AM 56663 ND 0.096 mg/Kg Xylenes, Total 11/29/2020 2:08:14 AM 56663 100 70-130 %Rec Surr: 1,2-Dichloroethane-d4 11/29/2020 2:08:14 AM 56663 %Rec 103 70-130 Surr: 4-Bromofluorobenzene 70-130 %Rec 11/29/2020 2:08:14 AM 56663 Surr: Dibromofluoromethane 109 11/29/2020 2:08:14 AM 56663 8.88 70-130 %Rec 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 24 of 32

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

Hall Environmental Analysis Laboratory, Inc.

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

CLIENT: Talon Artesia

Matrix: SOIL

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

Analyses	Result	RL	Qual Un	its l	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	- Comment					Analyst:	VP
Chloride	120	60	mg	g/Kg	20	11/28/2020 2:03:49 PM	56677
EPA METHOD 8015D MOD: GASOLINE	RANGE					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	%F	Rec	1	11/29/2020 2:36:29 AM	56663
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					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	%F	Rec	1	11/30/2020 12:18:42 PM	56680
EPA METHOD 8260B: VOLATILES SHO	RT LIST					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	%F	Rec	1	11/29/2020 2:36:29 AM	56663
Surr: 4-Bromofluorobenzene	102	70-130	%F	Rec	1	11/29/2020 2:36:29 AM	56663
Surr: Dibromofluoromethane	107	70-130	%F	Rec	1	11/29/2020 2:36:29 AM	56663
Surr: Toluene-d8	88.3	70-130	%F	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	A 56680
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/30/2020 12:28:24 PM	A 56680
Surr: DNOP	83.2	30.4-154	%Rec	1	11/30/2020 12:28:24 PN	A 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.

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 26 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: 2011C43-027

C-11

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	-033	With the second				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-Bromofluorobenzene	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

Analysis Date: 11/26/2020 Prep Date: 11/26/2020

SeqNo: 2595052 Units: mg/Kg

Analyte

Result

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** Qual

Chloride

Sample ID: LCS-56676

SampType: LCS

RunNo: 73633

TestCode: EPA Method 300.0: Anions

Prep Date: 11/26/2020

Client ID: LCSS

Batch ID: 56676 Analysis Date: 11/27/2020

SeqNo: 2595053

Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

11/28/2020

PQL Result 14 1.5

%REC SPK value SPK Ref Val 15.00

93.8

LowLimit

HighLimit %RPD

Sample ID: MB-56677

Client ID: PBS

SampType: MBLK

TestCode: EPA Method 300.0: Anions RunNo: 73657

Prep Date: 11/28/2020

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

SegNo: 2596101

Units: mg/Kg

Analyte

Result PQL ND

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** Qual

Chloride

1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID: LCS-56677

Batch ID: 56677

RunNo: 73657

Units: mg/Kg

HighLimit

Prep Date:

Analysis Date: 11/28/2020

SeqNo: 2596102

%RPD

Analyte

PQL Result 14 1.5

91.1

SPK value SPK Ref Val %REC LowLimit

RPDLimit Qual

Chloride

15.00

H

Qualifiers: Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit ND Practical Quanitative Limit PQL

% Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

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.

61

6.5

10

50.00 5.000

2011C43 WO#:

03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Sample ID: LCS-56680	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 56680	RunNo: 73679
Prep Date: 11/28/2020	Analysis Date: 11/30/2020	SeqNo: 2596910 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	50 10 50.00	0 99.5 70 130
Surr: DNOP	5.3 5.000	107 30.4 154
Sample ID: MB-56680	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 56680	RunNo: 73679
Prep Date: 11/28/2020	Analysis Date: 11/30/2020	SeqNo: 2596914 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	9,9 10.00	98.9 30.4 154
Sample ID: LCS-56713	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 56713	RunNo: 73695
Prep Date: 11/30/2020	Analysis Date: 12/1/2020	SeqNo: 2598000 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

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)ate: 1:	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					Julio I						
Motor Oil Range Organics (MRO)	ND	50											
Surr: DNOP	12		10.00		120	30.4	154						

121

130

130

154

70

30.4

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

Diesel Range Organics (DRO)

Surr: DNOP

% 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

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	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: PBS	Batc	h ID: 56 0	668	F	RunNo: 7						
Prep Date: 11/25/2020	Analysis E	Date: 11	/28/2020	5	SeqNo: 2595110 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	D: Ics-56668 SampType: LCS4 TestCode: EPA Method 8260B: Volatiles Short List											
Client ID: BatchQC	Bato	h ID: 56	668	F	RunNo: 73634							
Prep Date: 11/25/2020	Analysis I	Analysis Date: 11/28/2020 SeqNo: 2595111 Units: m					Units: mg/F	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	0.55 0.5000			110	70	130					
Surr: Toluene-d8	0.48	*****			95.3	70	130					

Sample ID: mb-56663	Samp	Гуре: МЕ	BLK	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	8260B: Vola	tiles Short	List			
Client ID: BatchQC	Batc	h ID: 56 (663	F	RunNo: 7 :	3639				
Prep Date: 11/25/2020	Analysis [Date: 11	/28/2020	9	SeqNo: 2595303 Ur			ζg		
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	ample ID: mb-56681 SampType: MBLK						TestCode: EPA Method 8260B: Volatiles Short List									
Client ID: PBS	Client ID: PBS Batch ID: 56681						RunNo: 73649									
Prep Date: 11/28/2020	Analysis D	ate: 1	ate: 11/29/2020 SeqNo: 2595647 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	ype: LC	S4	TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: BatchQC	Batch	n ID: 56	681	F	RunNo: 7	3649								
Prep Date: 11/28/2020	Analysis C)ate: 1 ′	1/29/2020	S	SeqNo: 2	595649	Units: %Rec							
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 2	2 001H									
Sample ID: mb-56668	SampType: MBLK		TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 56668		F	RunNo: 7	3634						
Prep Date: 11/25/2020	Analysis Date: 11/28/2	020	5	SeqNo: 2	595147	Units: mg/k	(g				
Analyte	Result PQL SPK	value SP	K Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND 5.0										
Surr: BFB	480	500.0		96.5	70	130					
Sample ID: Ics-56668	SampType: LCS		Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range			
Client ID: LCSS	Batch ID: 56668		F	RunNo: 7	3634						
Prep Date: 11/25/2020	Analysis Date: 11/28/20	20	S								
Analyte	Result PQL SPK	value SP	K Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)		25.00	0	81.8	70	130					
Surr: BFB	490	500.0		98.6	70	130					
Sample ID: mb-56663	SampType: MBLK		Test	(Code: El	PA Method	8015D Mod:	Gasoline	Range			
Client ID: PBS	Batch ID: 56663		RunNo: 73639								
Prep Date: 11/25/2020	Analysis Date: 11/28/20	20	S								
Analyte	Result PQL SPK	value SPI	K Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND 5.0		•								
Surr: BFB	530	500.0		106	70	130					
Sample ID: Ics-56663	SampType: LCS		Test	Code: EF	PA Method	8015D Mod:	Gasoline	Range			
Client ID: LCSS	Batch ID: 56663		R	tunNo: 7 3	3639						
Prep Date: 11/25/2020	Analysis Date: 11/28/20	20	S	eqNo: 25	595343	Units: mg/K	g				
Analyte	Result PQL SPK	value SPI	< Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)		25.00	0	88.5	70	130					
Surr: BFB	510	500.0		103	70	130					
Sample ID: mb-56681	SampType: MBLK		Test	Code: EF	PA Method	8015D Mod: (Gasoline l	Range			
Client ID: PBS	Batch ID: 56681		R	unNo: 7 3	3649						
Prep Date: 11/28/2020	Analysis Date: 11/29/20	20	S	eqNo: 25	595868	Units: %Rec	;				
Analyte	Result PQL SPK	value SPł	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: BFB	510	500.0		101	70	130					
Sample ID: Ics-56681	SampType: LCS		TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 56681		R	unNo: 73	3649						
Prep Date: 11/28/2020	Analysis Date: 11/29/20	20	S	eqNo: 25	595869	Units: %Rec					
									3		
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
- PQI, 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 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

Completed By:	Juan Rojas Emily Mocho	11/25/2020 8:00: 11/25/2020 8:39:	00 AM		Lun	39	
Reviewed By:		11/25/2020 8:39:			,		
Reviewed By:			39 AM				
Chain of Custo							
	<u>ody</u>						
1. Is Chain of Cus	tody complete?		Yes	V	No		Not Present
2. How was the sa	imple delivered?		Cou	rier			
Log In					100-		
3. Was an attempt	made to cool the samp	les?	Yes	V	No	Ш	NA L
4. Were all sample	s received at a tempera	ture of >0° C to 6.0°C	Yes	V	No		NA 🗆
5. Sample(s) in pro	oper container(s)?		Yes	V	No		
6. Sufficient sample	e volume for indicated to	est(s)?	Yes	V	No		
7. Are samples (ex	cept VOA and ONG) pro	perly preserved?	Yes	V	No		
8. Was preservative	e added to bottles?		Yes		No	V	NA 🗆
9. Received at leas	t 1 vial with headspace	<1/4" for AQ VOA?	Yes		No		NA 🗹
10. Were any sampl	e containers received be	roken?	Yes		No	V	# of preserved
all the second s	match bottle labels? lies on chain of custody)		Yes	V	No		bottles checked for pH: 4-2 or >12 unless noted)
	rectly identified on Chair		Yes	V	No		Adjusted?
	nalyses were requested			V	No		
4. Were all holding	times able to be met? omer for authorization.)		Yes	V	No		Checked by: Scal IIIzstza
Special Handling	g (if applicable)						
	ed of all discrepancies w	vith this order?	Yes		No		NA ☑
Person No	tified:	Date);	3,440 - 11 - 2 - 2 - 2 - 2		(4,7,50)	
By Whom:	factor between the commence of	Via:	_ eMa	all 🔲 F	Phone [Fax	☐ In Person
Regarding:	Market Commission of the Commi	ey-Elongus - Elektrisky trzeter otoposonotok <u>azili.</u>	nestina in the later of the section of	quantique on Con-	oreonas elektrosa (no-	HTW CLASS (LC	namatika sadak-matak da masak-matak-katan Panan
Client Instr	ructions:	2007/2004/19 (2007) 200 277 (2004) artist at languagitar annica de la comunicación de la comunicación de la co	and annother thanks to an Administration becomes	m pa vidavam minorii savid	- Andrew State Control of the Control	Tes December	and the second s
16. Additional remai	rks:						
17. Cooler Informa	tion						
	Temp °C Condition	Seal Intact Seal No	Seal Da	ite	Signed B	у	
		Yes		*			
	200 r 200 min 200 7	Yes Yes		- 1			

Page 1 of 1

7	4	
Š		
0		
	i	
k	ś	
٥		
4		
	•	

Chain-of-Custody Record Client: Tolon / LPE Mailing Address:				Turn-Around Time: 4-dey Standard □ Rush Project Name: Devon Energy				HALL ENVIRONMENTAL ANALYSIS LABORATORY												
		e Qh	- Eile	Diamond Project #:	PWU 2	2 # 201H	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107													
Phone			***************************************		4.315.0)						Δ	maly	/sis	Req	uest	21943 1277 ³	er iwise Malala		
****	r Fax#: Package: ndard		☐ Level 4 (Full Validation)	Project Mana			TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	PCB's		SIMS		PO4, SO4			Total Coliform (Present/Absent)				
□ NEL	AC	□ Az Co	ompliance r	Sampler: B	Sinclair Yes	□ No	-	30 / DR		504.1)	or 8270	s	NO ₂ ,		(A)	(Presen				
☐ EDI	(Type)			# of Coolers: Cooler Temp	The second section with the second second second	plemounts (°C)	MTBE	SD(GF	sticide	thod	8310	Metal	NO.	(A)	mi-VC	form				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative		BTEX / 1	TPH:801	8081 Pesticides/8082	EDB (Method	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	CI, F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coli				
11/19	13:37	50:1	5-11 2	4 02 jar	ice	001	1	1					1							
	13:35		5-11 3		Į.	002	$\sqrt{}$	1												
Tricy control from	13:40		5-11 4		**************************************	0u 3	1													
	13:40	750000	5-11 6		į	CUI-							X 0							
	13:45		5-11 8	Š		005							Q		Ħ					
	13:45		5-11 10			COLD														
	13345		S-11 12 R			บช7) in the second							
	11:15		5-12 2		***************************************	\$ 60	1	1												
	11.15		5-12 3		Ŷ.	009	/	1					Table Spinster							
	11:20		5-12 4			Ülo	$\sqrt{}$						-							
	11:20		5-12 6			S. Carrier														
Date: Time: Relinquished by: 11/2 4 B D P Date: Time: Relinquished by: 1 W D GD CMMMMM			Received by: Received by:	-Via: -Via: -Via: -Via:	Date Time	Rer ₩	nark //C	s:	2 (re c) 7. tly	5 4	19.8 to	ig O) e v	1.5		=1.4 =1.4 6.1=	1.9	(A) 	

	G.
	0
	~
	₩.
	÷.
	~
	10
	2
	_
	6
- 1	~
	_
	0
	•
	$\overline{}$
	24
	•
	-
	$\overline{}$
	1
	0
	N
	0
	2
	O
	4
	V
	• .
	N
	4
	À
	0
	Κ.
	7
	-

	10
	₹
	0
	2
	. "
	0
•	=
	~
	_
	0
	•
	٠.
	-
	<-
	N 73
	S
	0
	₹.
	O
	S
	9
	~
	12
	4
	-
	V
	٠.
	N
	4
	N.
	4
	0
	_
	Ν.
	$\overline{}$
	—
	1

Cr	ıain-	of-Cu	stody Record	Turn-Around																	
Client:	Tolo	n / 6	PE	☐ Standard	□ Duch	day				A	IAI N		E	uv Its	IR	lo:		iei Pa	NT/	al Ry	
				Project Name	e: Devon	Energy										al.co			. D	B B	
Vailing A	aaress:	9 h	÷:10	Diamond	PWU 2	2 40014		49	01 H								vi 87 [.]	100			
		Tree and the		Project #:													4107				
hone #:				70079	4,315.0	co company					141050					uest					
email or l		· · · · · · · · · · · · · · · · · · ·		Project Mana	ager:	100	1	6					SO4			2000					
DA/QC Pa □ Stand		· cyronia inimina.	☐ Level 4 (Full Validation) R Pon	3		TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	PCB's		SIMS		PO4, S			(Present/Absent)			l K		1
			mpliance	Sampler: B Sinclair					182	=	270		NO ₂ , I			sent		1		September 1	
O NELA		□ Other		On Ice:					3/8C	504.	or 8	70		1	(Y)	Pre			Newson of Street	Carle Control	
□ EDD (iype)		The state of the s	# of Coolers:	TBE)(GF	cide	pou (310	etals	NOs	_	-70	E			The state of the s		1		
				Cooler remp	D(including CF): See	: Remarks (°C))15E	esti	/leth	3y 8	8 M	3,	10A	Sem	Coliform		- Contraction			
Date 1	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2011/04/3	BTEX	TPH:80	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 C		electron a			
11/19/1	1:50	50:	5-12 10 R	4 02 jar	100	013				H			Ž	w	w					++	
	1:00		5-13 2 2	17		DIY	1	1										_		+	
	3:00		5-13 3			015	1	1					V								
	3:15		5-13 4			016	J	V					· ·					-			_
-	3:15		5-13 8	İ	Ì	017	V	1/											-	11	
	3:20		5-13 8			1718												-		+	_
The same of the sa	3:25		5-13 10 2			019										1. 7			-	+	-
11/20	29:00		5-14 1		-	020	1	7		i								-		++	
1	09:00		5-14 2			021	1/	/	-								= -	-		44	
	29316		5-14 3			022	1	1											-		
	9:15	and the second	5-14 4			023	1/	1					-							++	
The second secon	0:40	and the same of th	5-19 0000 0-1		The state of the s	024	1	7					1					-	+	-	
11/24	Fime: 1310	Relinquist	ned by:	Received by: Via: 1 Date Time WM.M.M.L. 11 34 30 1310					S:	71	27	<u>ς</u> υ	(7 g	1	1.5	1.04	2 i.	4		
Date:	Time:	Relinquish		Received by: Wa: Date Time					1	-	+1.	د	<u>+</u> ~	1)	7.	0 +	0.1	9		
ulayon	1900	. samples su	MA A Hard Environmental may be	e subcontracted to other accredited laboratories. This serves as notice of the subcontracted to other accredited laboratories.															10		1

Client	;hain	-ot-Ci	istody Record	Turn-Around Time:				HALL ENVIRONMENTAL											
Onent.		n / L	PE	☑ Standard	□ Rush	√	L				AL	LE	NV	IF	O	VM	ENT	'AL	
	_			☑ Standard Project Name	D: Devon	<i>F</i>					NA	LY	SIS	5 L	AB	OR	ATC)R'	Y
Mailing	Address	•		1		*	100	198	<u> </u>			nallen							
		0 h		Diamond	PWU 2	2 #001H		490	01 H							/I 8710!	^		
-				Project#:						5-345							9		
Phone:				70079	1.315.0) į	Say (fi	PER CONTRACT			outours Costs	Anal			345-4		7	a visus	u
email o				Project Mana				(2500 1000	Activities of States	y 313	ved				L	
QA/QC	Package:)21	IRC	ွှေ		n l	SO ₄			ent				
□ Stan	idard		☐ Level 4 (Full Validation)	R Pon	ς		TMB's (8021)	DRO/MRO)	PCB's		8Z/0SIMS	NO ₂ , PO ₄ ,			Coliform (Present/Absent)				
Accred	itation:		mpliance	Sampler: B			/Bis)RC	32 F		Ő	2, P			Jue /				
D NEL		□ Other		On Ice: —E Yes No]/(808/	504.1)	82				res(
DEDE	(Type)							3R(des	25	o d	£ 5		VO.	9				
				Cooler Temp	(including CF): کرے ز	Remarks (°C)	MTBE)O9	Pesticides/8082	tho	833	ğ Z	A	ni-V	Lo.				
							-	301		<u>₹</u>	<u>a</u>	o P	8	Sei					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative	HEAL No. 2011 643	BTEX,	TPH:8015D(GRO /	8081	EDB (Method	PAHS by 8310 c	CI, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total (
11/20	10:50		5-20 0-1				7	<u> </u>	æ	Ш	<u> </u>		82	82	유				
		7		4 02 jar	ice	<i>b</i> 25	V	V				J/							
1	10:15)	5-21 0-1			026	$\sqrt{}$	$\sqrt{}$				1							
	10:20	ĺ	5-22 0-1			027	1	1										_	+-1
	ļ				ν			* /			\top	- <u>`</u>	-		_		+	_	-
													-						
										_									
																_	+	+	-
											_					-	+		
											_	_							
Date:	Time:	Relinquish	ed by:	Received by:	Via:	Date Time	_												
11/24	1310	4		1 /4/11	N THEF	ul d	1	narks							1-5+	હ./ =	1.5		
Date:	Time:	Relinquish	ed by:	Received by: 1 Vie: Date Time			W/o: 20754989 1-8+0.1=1.9 Bill directly to Devo2.0+0.1=7./												
1 byla	IGAA	04.	•		// ""	Date Time	B:		o[; ,	ect	14	+0	. [ev	OK	J j−0.	1=7.		Control of the Contro
10 11/10	<u>'I FWU</u>	1444	U TA	1001	1 couri-le	11/25/20 8:00												20 2	9(F3)
	n necessary	, samples sub	omitted to HalljEnvironmental may be ຣມຣ໌	e subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data w			ata will b	rill be clearly notated on the analytical report.											



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 Sample ID: B-1 0'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-001

CLIENT: Talon Artesia

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	3400	150		mg/Kg	50	3/2/2021 3:35:37 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	mb
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 Received Date: 2/25

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	1	ng/Kg	20	3/1/2021 9:11:21 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	mb
Diesel Range Organics (DRO)	10	10	ı	ng/Kg	1	2/27/2021 1:23:09 PM	58340
Motor Oil Range Organics (MRO)	NĐ	50	1	ng/Kg	1	2/27/2021 1:23:09 PM	58340
Surr: DNOP	109	70-130	Ģ	%Rec	1	2/27/2021 1:23:09 PM	58340
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	r	ng/Kg	1	2/27/2021 6:12:00 PM	58335
Surr: BFB	81.3	75.3-105	q	%Rec	1	2/27/2021 6:12:00 PM	58335
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.025	r	ng/Kg	1	2/27/2021 6:12:00 PM	58335
Toluene	ND	0.050	r	ng/Kg	1	2/27/2021 6:12:00 PM	58335
Ethylbenzene	ND	0.050	r	ng/Kg	1	2/27/2021 6:12:00 PM	58335
Xylenes, Total	ND	0.099	r	ng/Kg	1	2/27/2021 6:12:00 PM	58335
Surr: 4-Bromofluorobenzene	89.9	80-120	9	%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 Value 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

Diamond PWU 22 #001H

Lab ID: 2102B02-004

Project:

Client Sample ID: B-1 61

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

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

Analyses	Result	RL Qı		DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	100	60	mg/Kg	20	3/1/2021 9:23:46 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 4 of 26

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 210

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	•	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
- 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 5 of 26

Lab Order 2102B02

Client Sample ID: B-1 10'

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 #001H Collection Date: 2/23/2021 9:55:00 AM

Lab ID: 2102B02-006 Matrix: SOIL Received Date: 2/25/2021 7:35:00 AM

Analyses	Result	RL Q			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

Client Sample ID: B-1 12'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-007

Matrix: SOIL

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

Analyses	Result		ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	3/1/2021 10:01:00 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 7 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: 2102B02-008

Client Sample ID: B-1 14'

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

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

	31				0.0	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: 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

Holding times for preparation or analysis exceeded H

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 RL

Page 8 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: B-1 16

 Project:
 Diamond PWU 22 #001H
 Collection Date: 2/23/2021 10:10:00 AM

 Lab ID:
 2102B02-009
 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 12:05:05 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 9 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID:

Client Sample ID: B-1 18'

Diamond PWU 22 #001H Project: 2102B02-010

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

Matrix: SOIL

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: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 12:42:19 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
- 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:

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					Analys	t: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 12:54:44 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

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 Q			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

Project: Diamond PWU 22 #001H

Lab ID: 2102B02-013

Client Sample ID: B-1 30'

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

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

Analyses	Result	RL Qı		DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 1:19:33 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
- 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		ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: 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.

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 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 #001H

Lab ID: 2102B02-015

Client Sample ID: B-1 40'

Collection Date: 2/23/2021 10:50:00 AM

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

Analyses	Result		nal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 2:09:11 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

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 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

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: 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

Lab ID:

riesia Chem Sa

Project: Diamond PWU 22 #001H

2102B02-017 Matrix: SOIL

Client Sample ID: B-1 50'

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

Analyses	Result		ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	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

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 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

Project:

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	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: VP
Chloride	ND	60	mg/Kg	20	3/2/2021 2:46:25 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

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

Client Sample ID: B-2 2'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 12:05:00 PM

Lab ID: 2102B02-020

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

						Aures -	
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 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

Sample ID: MB-58387 Client ID: PBS

SampType: MBLK

Result ND

Result

Result

Result

Batch ID: 58387

PQL

1.5

TestCode: EPA Method 300.0: Anions

RunNo: 75603

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

SeqNo: 2673211

Units: mg/Kg

HighLimit

%RPD

%RPD

RPDLimit

Qual

Analyte Chloride

Sample ID: LCS-58387

SampType: LCS Batch ID: 58387

RunNo: 75603

%REC

TestCode: EPA Method 300.0: Anions

LowLimit

TestCode: EPA Method 300.0: Anions

LowLimit

Prep Date: 3/1/2021

Analyte

Chloride

Client ID: LCSS

Analysis Date: 3/1/2021

SPK value SPK Ref Val %REC LowLimit

SeqNo: 2673212

Units: mg/Kg

RPDLimit

Qual

SPK value SPK Ref Val 15.00

97.2

HighLimit 110

Sample ID: MB-58390

Client ID: PBS

SampType: MBLK Batch ID: 58390

PQL 1.5

RunNo: 75603

Units: mg/Kg

Prep Date: 3/1/2021

Sample ID: LCS-58390

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

PQL

SeqNo: 2673241

HighLimit

%RPD **RPDLimit** Qual

Analyte Chloride

ND 1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 58390

RunNo: 75603

SeqNo: 2673242

Units: mg/Kg

Analyte

Analysis Date: 3/1/2021

SPK value SPK Ref Val %REC LowLimit

HighLimit %RPD 110

RPDLimit

Qual

Chloride

1.5

15.00

0

SPK value SPK Ref Val %REC

95.7

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: Diamon	d PWU 22#	001H								
Sample ID: MB-58340	SampTy	/pe: MI	BLK	Tes	tCode: E	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch	ID: 58	340	F	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Da	ate: 2/	27/2021	5	SeqNo: 2	672049	Units: mg/K	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	40.00		404	70	130			
Surr: DNOP	10		10.00		101	70	130			
Sample ID: MB-58350	SampTy	pe: ME	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch	ID: 58	350	F	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Da	ite: 2/	27/2021	8	SeqNo: 2	672051	Units: %Red	:		
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	SampTy	pe: ME	3LK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 58 3	361	F	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Da	ite: 2/	27/2021	S	SeqNo: 2	672052	Units: %Red	:		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		100	70	130			
Surr: DNOP Sample ID: LCS-58340	10 SampTy	pe: LC		Tesi			130 8015M/D: Die	sel Range	Organics	
	SampTy	pe: LC	s			PA Method		sel Range	Organics	
Sample ID: LCS-58340	SampTy	ID: 58 3	S 340	R	tCode: El	PA Method 5588			Organics	
Sample ID: LCS-58340 Client ID: LCSS	SampTy Batch	ID: 58 3	S 340 27/2021	R	tCode: El RunNo: 7: SeqNo: 2:	PA Method 5588	8015M/D: Die		Organics RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021	SampTy Batch Analysis Da	ID: 58 3 te: 2 /3	\$ 340 27/2021 SPK value 50.00	R S	tCode: El RunNo: 7: SeqNo: 20 %REC 105	PA Method 5588 672064 LowLimit 68.9	8015M/D: Die Units: mg/K HighLimit 141	g	-	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte	SampTy Batch Analysis Da Result	ID: 58 3 te: 2 /3	\$ 340 27/2021 SPK value	R S SPK Ref Val	tCode: El RunNo: 7: SeqNo: 20 %REC	PA Method 5588 672064 LowLimit	8015M/D: Die Units: mg/K HighLimit	g	-	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO)	SampTy Batch Analysis Da Result 52	ID: 58 3 te: 2/ 3 PQL 10	\$ 340 27/2021 SPK value 50.00 5.000	SPK Ref Val	RunNo: 7: SeqNo: 2: %REC 105	PA Method 5588 672064 LowLimit 68.9 70	8015M/D: Die Units: mg/K HighLimit 141	g %RPD	RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP	SampTy Batch Analysis Da Result 52 5.0	PQL 10	\$ 340 27/2021 SPK value 50.00 5.000	SPK Ref Val 0	RunNo: 7: SeqNo: 2: %REC 105	PA Method 5588 672064 LowLimit 68.9 70	8015M/D: Die Units: mg/K HighLimit 141 130	g %RPD	RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350	SampTy Batch Analysis Da Result 52 5.0 SampTy	PQL 10 10: 583	\$ 340 27/2021 SPK value 50.00 5.000	SPK Ref Val 0 Test	RunNo: 7: GeqNo: 20 %REC 105 100	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588	8015M/D: Die Units: mg/K HighLimit 141 130	g %RPD sel Range	RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch	PQL 10 10: 583	S 340 27/2021 SPK value 50.00 5.000 S 350 27/2021	SPK Ref Val 0 Test	RunNo: 7: SeqNo: 20 %REC 105 100 COde: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588	8015M/D: Die Units: mg/K HighLimit 141 130 8015M/D: Die	g %RPD sel Range	RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS Prep Date: 2/26/2021	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch Analysis Da	PQL 10 POE LC 10: 583 TEL: 2/2	S 340 27/2021 SPK value 50.00 5.000 S 350 27/2021	SPK Ref Val 0 Test	RunNo: 7: SeqNo: 20 %REC 105 100 COde: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066	8015M/D: Die Units: mg/K HighLimit 141 130 8015M/D: Die Units: %Rec	g %RPD sel Range	RPDLimit Organics	
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS Prep Date: 2/26/2021 Analyte	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch Analysis Da Result	PQL 10: 583 PQL 10: 583 PCL 2/2 PPCL PQL	\$ 340 27/2021 SPK value 50.00 5.000 \$ 350 27/2021 SPK value 5.000	SPK Ref Val 0 Test R S SPK Ref Val	RunNo: 7: ReqNo: 26 **REC 105 100 **Code: EF **CunNo: 7: ReqNo: 26 **REC 106	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70	8015M/D: Die Units: mg/K HighLimit 141 130 8015M/D: Die Units: %Rec	g %RPD sel Range %RPD	RPDLimit Organics RPDLimit	
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS Prep Date: 2/26/2021 Analyte Surr: DNOP	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch I Analysis Da Result 5.3	PQL 10 Pe: LC D: 583 PQL PQL Pe: LC	\$ 340 27/2021 SPK value 50.00 5.000 \$ 350 27/2021 SPK value 5.000	SPK Ref Val 0 Test SPK Ref Val Test	RunNo: 7: ReqNo: 26 **REC 105 100 **Code: EF **CunNo: 7: ReqNo: 26 **REC 106	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method	8015M/D: Die Units: mg/K HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130	g %RPD sel Range %RPD	RPDLimit Organics RPDLimit	
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS Prep Date: 2/26/2021 Analyte Surr: DNOP Sample ID: LCS-58361	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch Analysis Da Result 5.3 SampTy	PQL 10 10 10 10 10 10 10 10 10 10	\$ 340 27/2021 SPK value 50.00 5.000 \$ 350 27/2021 SPK value 5.000 \$ 861	SPK Ref Val 0 Test SPK Ref Val Test	RunNo: 78 RegNo: 26 %REC 105 100 Code: EF RunNo: 78 RegNo: 26 %REC 106	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method 5588	8015M/D: Die Units: mg/K HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130	g %RPD sel Range %RPD sel Range	RPDLimit Organics RPDLimit	
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-58350 Client ID: LCSS Prep Date: 2/26/2021 Analyte Surr: DNOP Sample ID: LCS-58361 Client ID: LCS-58361 Client ID: LCSS	SampTy Batch Analysis Da Result 52 5.0 SampTy Batch Analysis Da Result 5.3 SampTy Batch I	PQL 10 10 10 10 10 10 10 10 10 10	S 340 27/2021 SPK value 50.00 5.000 S 350 27/2021 SPK value 5.000 S 361	SPK Ref Val 0 Test SPK Ref Val Test	RunNo: 7: RunNo: 7: ReqNo: 2: **REC 105 100 **Gode: EF **UnNo: 7: **GeqNo: 2: **REC 106 **Code: EF **UnNo: 7: **Code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method 5588	8015M/D: Die Units: mg/K; HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130 8015M/D: Die	g %RPD sel Range %RPD sel Range	RPDLimit Organics RPDLimit	

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Delected 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 26

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02 03-Mar-21

Client:

Talon Artesia

Project:

Diamond PWU 22 #001H

Sample	ID:	MB-5837

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 HighLimit

Analyte

Result

SPK value SPK Ref Val %REC LowLimit

117

RPDLimit

Qual

Surr: DNOP

12

10.00

%RPD

Sample ID: MB-58379

SampType: MBLK Batch ID: 58379

RunNo: 75595

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

%RPD

Client ID: Prep Date: 2/27/2021

Units: %Rec

Analyte

Analysis Date: 3/1/2021

SegNo: 2672574

RPDLimit Qual

Surr: DNOP

Result

SPK value SPK Ref Val 10.00

%REC 70

Lowl imit

HighLimit 130

S

Sample ID: LCS-58373

SampType: LCS Batch ID: 58373 TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 75595

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

Analysis Date: 3/1/2021

SeqNo: 2672575

Units: %Rec

130

Analyte

Result

PQL

%REC

HighLimit LowLimit

%RPD

Qual

Surr: DNOP

5.3

SPK value SPK Ref Val

5.000 105

70

RPDLimit

Sample ID: LCS-58379

SampType: LCS Batch ID: 58379

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

RunNo: 75595

Units: %Rec

130

Analyte

Result

Analysis Date: 3/1/2021 SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val

5.000

10.00

SeqNo: 2672576

128

HighLimit

%RPD

Qual

Surr: DNOP

PBS

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

70

%RPD

RPDLimit

Sample ID: MB-58377

Prep Date: 2/27/2021

Client ID: LCSS

SampType: MBLK Batch ID: 58377

6.4

Result

Result

5.9

12

RunNo: 75595

Analyte

Client ID:

Prep Date: 2/27/2021

Analysis Date: 3/1/2021

SeqNo: 2673431 %REC

70

LowLimit

Units: %Rec HighLimit

130

130

RPDLimit

Qual

Surr: DNOP

Sample ID: LCS-58377

Client ID: LCSS

SampType: LCS

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

RunNo: 75595

118

Units: %Rec

Analyte Surr: DNOP

Prep Date: 2/27/2021

Analysis Date: 3/1/2021

Batch ID: 58377

PQL.

SPK value SPK Ref Val %REC

5.000

SeqNo: 2673433

LowLimit 70

%RPD HighLimit

RPDLimit Qual

Н

Oualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

Not Detected at the Reporting Limit

PQL Practical Quantitative Limit % Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

Analyte detected below quantitation limits

Analyte detected in the associated Method Blank E Value above quantitation range

Sample pH Not In Range Reporting Limit

Page 24 of 26

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02

03-Mar-21

Client:

Talon Artesia

Project:

Diamond 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

∖nal	vte	

SampType: MBLK

RunNo: 75582

Client ID: PBS Prep Date: 2/26/2021 Analysis Date: 2/27/2021

Batch ID: 58348

SeqNo: 2672670 Units: %Rec

Result

SPK value SPK Ref Val %REC LowLimit PQL

HighLimit

RPDLimit Qual

Surr: BFB

870

1000

87.2

75.3

105

%RPD

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

Page 25 of 26

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02

03-Mar-21

Client:

Talon Artesia

Sample ID: LCS-58335	Samp	Type: LC	S	Tes	tCode: E	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bato	h ID: 58	335	I	RunNo: 7	5582				
Prep Date: 2/25/2021	Analysis [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	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 D)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		- Smill Post 1			Ugill V			
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120		- Ann	
Sample ID: LCS-58348	SampT	ype: LC	s	Tes	Code: EF	A Method	8021B: Volati	lles	TALAMINIOS S	
Client ID: LCSS	Batch	ID: 583	148	F	unNo: 7	5582				
Prep Date: 2/26/2021	Analysis D	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	integrals (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	ID: 583	48	R	unNo: 78	5582				
Deep Date: 2/20/2024	Analysis D	oto: 2/	7/2021	S	egNo: 26	72725	Units: %Rec			
Prep Date: 2/26/2021	Allaly Sis 1	atc. 2/1	II MUMI		odian.					

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

Sample Log-In Check List

LABORATORY	Website: client	ts.hallenvironmente	ul.com		
Client Name: Talon Artesia	Work Order Num	ber: 2102B02		ReptNo:	
Received By: Juan Rojas	2/25/2021 7:35:00	AM	(Junal)		
Completed By: Cheyenne Cason	2/25/2021 8:20:33				
Reviewed By: [NM	2/25/21				
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🔽	No 🗌	Not Present 🗌	
2. How was the sample delivered?		Courier			
Log In	de-O	الحاد الحاد	No 🗌	na 🗌	
3. Was an attempt made to cool the samp	nes?	Yes 🗹	NO (_)	NA LI	
1. Were all samples received at a tempera	ature of >0° C to 6.0°C	Yes 🗸	No 🗆	NA □	
Sample(s) in proper container(s)?		Yes 🔽	No 🗌		
3, Sufficient sample volume for indicated to	est(s)?	Yes 🗸	No 🗌		
, Are samples (except VOA and ONG) pr	operly preserved?	Yes 🔽	No 🗌		
. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
Received at least 1 vial with headspace	<1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
), Were any sample containers received b	roken?	Yes 🗌	No 🗹	# of preserved	and the second s
Does paperwork match bottle labels? (Note discrepancies on chain of custody))	Yes 🔽	No 🗆	bottles checked for pH: (<2 or >1	2 unless noted)
Are matrices correctly identified on Chai		Yes 🗸	No 🗆	Adjusted?	
} Is it clear what analyses were requested	-	Yes 🗸	No 🗌	proportion to	
Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗌	Checked by: Sign	2/25/21
pecial Handling (if applicable)					
5. Was client notified of all discrepancies v	vith this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:	<u> </u>	escaración de la constante de la constante de la constante de la constante de la constante de la constante de		
By Whom:	Via:	eMail F	hone 🔲 Fax	In Person	
Regarding:		one film de la destala de Caralle de La companya de la companya de la companya de la companya de la companya d	oorandario God normaliitiidd		
Client Instructions:	eregen en betrettet er en en state en en en en en en en en en en en en en	RELECTION CONTRACTOR OF A CONTRACTOR OF CONT	en en en en en en en en en en en en en e	alay walandi an sheerif da da alaa ah aa madanaalad ahaa ah ah ah ah ah ah ah ah ah ah ah a	
3. Additional remarks:					
7. Cooler Information	: <u> </u>				
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By		
1 03					
1 0.3					

Page 1 of 1

Page
209
of 571

C	hain.	-of-Cu	stody Record	Turn-/	Around	Time:		1		1000 m	-												
Client:	T1.	/LP	<u> </u>	/_/_				-dey				*210102	IA	LL.	E	VV	T	20	NIV	1 F	NT	" Æ. II	
	10101	1/6			andard ot Name		Rush						N	AL	YS	SIS		AE	SO	RA	T))	V
Mailing	Address			10,00	or incitie	T-												tal.co		. 41.15	. B 400	₩ # AZ	. 131
	Addiese	00 7	Eile	Diam	ond	PW	1 22	2 #001H		49	01 ⊦								м 87 [.]	400			
				Projec	ct #:									975									
Phone 7				700	794	31:	5.01		数でも	199	71. 50	J.UU.	#J-J					345 uest	4107	e angel		C jedenje	3110 N 100 N
email o					ct Mana					$\widehat{}$		84.4EX.			1000) i						an andreas	
	Package:								021	MRC	3'S		တ		, SO ₄			sent					
□ Stan			☐ Level 4 (Full Validation)	B	Sincl	air			8) s	1/0	PCB's		SIN		PO4,			Ab					
	itation:		mpliance	Samp	ler: B	5%	nclai	r	TMB's (8021)	R)82	=	8270SIMS	,	NO ₂ ,		,	sent					
□ NEL		☐ Other		On Ice	9: _{52.02.05}	₽Y€	s	□ No	_	30,)8/s	504.	or				€	Pre					
	(Type)	1			oolers:				MTBE	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	Cl, F, Br, NO3,	_	8270 (Semi-VOA)	Total Coliform (Present/Absent)					
				COOLE	ı ji emp	(including	OF): Se	e chectist (°C)	Σ	151	esti	/leth	3,8	8 M	₩, _	VOA	emi	ollfo					
Data	Time	B /1 4	Commis None	Conta			ervative		BTEX/	H:8(31 F	B	Hs	RA	LL.	8260 (VOA)	3) 0.	3 C					
		,	Sample Name	Туре	and#	Туре		21021302	m	르	808		PA	RC	ਠੱ	826	827	Tota					
2-23-21	09:30	59:1	B-1 0	40	z jar	is	e/_	Cei	$\sqrt{}$						$\sqrt{}$								
27	09:35		B-12					CEZ	1						Z								
	09:40		B-1 4		<u> </u>	gerial de la granda de la grand		003	1/	./					.7				-	-	+		
	09-45		B-1 6					004	V	_					V /					\dashv	+	+	
	09:50	The Companies	B-1 8					005							1/							+	
	09:55		B-1 10'					006							1				-	1		_	
	10:00		B-1 12		***			007							7						_	\dashv	\dashv
	10:05	\	B-1 14					008							1							-	
	10:10		B-1 16					CO9							1						\dashv	_	
	10:15		B-1 18					010							/					\dashv	+	-	
	10:20		B-1 20					OIL							V/					\dashv	\dashv	_	_
Detail	10:35		B-1 25					612							1	1				\dashv	\dashv	-	
	Date: Time: Relinquished by:			Réceiv	ed by:	Via		Pate / Time	Remarks:														
Date:	Time:	Relinquish	and hy:	M	$\overline{\mathcal{M}}$	<u>/\/</u>	\mathcal{X}) 124 14 1170]B;	11	olif	ec	t/y	/ -	to	l)eu	on	Ev	rer	94		
2/24/21	1		·	Receiv	ed by:	Via:	:	Date Time	W	10	#	2	ز و ۔	75	49	8	7			`	- /		
1, 11-1	1900		mus		<u>2/1</u>	- 101	wid-	2/25/21 7:35	1.3	+0=1	چ.	4- 0	2.5 c	0=	S.3						09	10	072
	v nenessyti	, samples SU	bmitted to Hall Environmental may be sub	contracte	d to other a	accredite	d laborator	ries. This serves as notice of this	s poss	sibility.	Any s	np-co	ntracte	ed data	will b	e clea	rly not	ated or	the ar	nalytic:	al repo	rt.	

Client:	hain. Talo	of-Cu	estody Record	Turn-Around Standard Project Name	9 - □ Rush	doy				A	M.	AL	YS	SIS	5 L	AB	OR	ENT ATC	AL	7
Mailing	Address	on	File	Diamond Project#:	PWU 22	2 ≠001H				awk	ins N	۷E -	All	ouqu	erqu	al.com e, NM 345-4	87109	}		
Phone :	# :	1	1000000	700794	315.01							The second second	STATE OF THE PARTY	Water Street	THE RESERVE AND ADDRESS OF THE PARTY OF THE	uest	107			
email o	Fax#:			Project Mana				<u> </u>					SO4		2 1810 (1800)	Children Company				
QA/QC	Package: dard		☐ Level 4 (Full Validation)	B Sincl	air		TMB's (8021)	O/MR	PCB's		8270SIMS		PO4,			t/Abser				
Accredi		☐ Az Co	ompliance -	Sampler: B	Sinclai	<u>r</u>	TMB	/DR	8082	4.1)	827		NO ₂ ,		_	reser				
□ EDD		U Other	All and the second of the seco	# of Coolers:	_⊒-Yes ⊶	□ No	E.	3RC	les/	150	0 0	als	NO ₃ ,		/0A	n (P		ł l		
						< checklist(°C)	MTBE) as i	sticic	ethod	/ 831	Met	Br, N	OA)	-jme	liforn				
Date	Time:	Matrix	Sample Name	Container Type and #	Preservative Type	7102B02	BTEX /	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	CI, F, B	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)				
<u> 2-23-21</u>	10:40	50:1	B-1 30°	4 az jar	ice	GE C13							J							
	10:45		B-1 35'			014				П			1							
	10:50		8-1 40'			015							1							
	10:55		B-1 45			016							7							
	11:00		B-1 50'			617							1							
	11:05		B-1 55			O18							1							
	12:00		B-2 0			019	V	1					/							
	17:05		B-2 2			020	V	1					1						- Service and Serv	
	12:10		B-2 4'			021	1	1					1							
	4 400					- Company	1													
																<u>_f</u>				
Date:	Time:	Relinquish	l and but O	Density of the	Vi															
2-27-21		Relinquish	S.	Received by:	Via:	Pate Time Vy U 1120 Date Time	Rer B;	nark:	s: dir H	ec	tly	, -	+0	l	ev	on	Ene	194		
Date: 324/21	1900	THE RESERVE TO THE RE	mis	1-2/	France			10	+1:	2	0,	15	77	8	ſ			PS	20	t_2

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

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

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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	Donoutodi
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.



Sample Data

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	Dilu	ition	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	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		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		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	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		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		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		99.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	747	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	5/4/2023 1:59:30PM

N1 - 3' E304194-02

		Reporting				
Analyte	Result	Limit	Diluti	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		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	A	Analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	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	A	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		95.2 %	50-200	04/27/23	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

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 ND ND ND ND ND ND ND ND ND 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

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		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		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	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:	: Љ		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		95.0 %	50-200		04/27/23	04/28/23	
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

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	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		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	Į.	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:	ЛL		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	<u> </u>	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	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		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		96.5 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	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		Analyst: I	Y		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		96.5 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	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		Analyst: J	L		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	·	94.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2318012
Chloride	135	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

N2 - 4'

E304194	L-07

		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		99.7 %	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
					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 - 5'

		E304194-08					
		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		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	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	: Љ		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		98.8 %	50-200		04/27/23	04/28/23	
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

N3 - 1'

E304194-09

		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		97.3 %	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		99.6 %	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		97.3 %	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		99.6 %	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		90.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012

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

N3 - 3' E304194-10

		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	05/02/23	
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	A	Analyst: 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	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		99.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: B	A		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	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		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	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:	ЛL		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		95.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	303	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 - 5'

		E304194-12					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2317081
Benzene	ND	0.0250	1	ļ	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	Į.	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	1	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	1	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	ļ	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		Analyst: BA			Batch: 2318012
Chloride	ND	20.0	1		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 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 0.0250 o-Xylene 0.025004/28/23 05/02/23 ND 0.0500 1 p,m-Xylene 04/28/23 05/02/23 1 Total Xylenes 0.02500.0250 04/28/23 05/02/23 Surrogate: Bromofluorobenzene 99.0 % 70-130 Surrogate: 1,2-Dichloroethane-d4 99.2 % 70-130 04/28/2305/02/23 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 ND 1 04/28/23 05/02/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.0 % 04/28/23 05/02/23 70-130 99.2 % 04/28/23 05/02/23 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 04/28/23 05/02/23 103 % 70-130 mg/kg Analyst: JL Batch: 2317060 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 5 04/29/23 125 04/27/23 2330 Diesel Range Organics (C10-C28) 917 250 5 04/27/23 04/29/23 Oil Range Organics (C28-C36) 74.4 % 04/27/2304/29/23Surrogate: n-Nonane 50-200 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2318012

400

14200

20

05/01/23

05/01/23



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

N4 - 3' E304194-14

		E304174-14					
Andre	Result	Reporting Limit	Dilu	4 :	D 1	A la d	Notes
Analyte	Kesuit	Limit	Dilu	iion	Prepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY	7		Batch: 2317081
Benzene	ND	0.0250	1	ļ	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	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		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	1	Analyst: IY	7		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	1	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	Į.	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		Analyst: B	A		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	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		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	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	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		97.2 %	50-200		04/27/23	04/29/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012	

20.0

05/01/23

05/01/23

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	5/4/2023 1:59:30PM

N4 - 5' E304194-16

Dagult			tion D	ranarad	Analyzad	Notes
Resuit	Limit	Dilui	lion Pi	repared	Anaryzeu	notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2317081
ND	0.0250	1	04	1/28/23	05/03/23	
ND	0.0250	1	04	1/28/23	05/03/23	
ND	0.0250	1	04	1/28/23	05/03/23	
ND	0.0250	1	04	1/28/23	05/03/23	
ND	0.0500	1	04	1/28/23	05/03/23	
ND	0.0250	1	04	1/28/23	05/03/23	
	96.6 %	70-130	04	4/28/23	05/03/23	
	98.6 %	70-130	04	4/28/23	05/03/23	
	99.3 %	70-130	04	4/28/23	05/03/23	
mg/kg	mg/kg	Α	Analyst: IY			Batch: 2317081
ND	20.0	1	04	1/28/23	05/03/23	
	96.6 %	70-130	04	4/28/23	05/03/23	
	98.6 %	70-130	04	4/28/23	05/03/23	
	99.3 %	70-130	04	4/28/23	05/03/23	
mg/kg	mg/kg	A	Analyst: JL			Batch: 2317060
ND	25.0	1	04	1/27/23	04/29/23	
ND	50.0	1	04	1/27/23	04/29/23	
	99.7 %	50-200	04	4/27/23	04/29/23	
mg/kg	mg/kg	A	Analyst: BA			Batch: 2318012
ND	20.0	1	05	5/01/23	05/01/23	
	ND ND ND ND ND ND ND ND ND ND ND 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 MD 0.0250 MD 98.6 % 99.3 % mg/kg ND 20.0 96.6 % 98.6 % 99.3 % mg/kg ND 25.0 ND 50.0 99.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 96.6% 70-130 70-130 98.6% 70-130 70-130 mg/kg mg/kg 70-130 99.3% 70-130 70-130 99.3% 70-130 70-130 mg/kg mg/kg 1 ND 25.0 1 ND 50.0 1 99.7% 50-200	Result Limit Dilution Property mg/kg mg/kg Analyst: IY ND 0.0250 1 04 ND 0.0250 1 04 ND 0.0250 1 04 ND 0.0250 1 04 ND 0.0500 1 04 ND 0.0250 1 04 98.6 % 70-130 0-4 98.6 % 70-130 0-4 99.3 % 70-130 0-4 98.6 % 70-130 0-4 98.6 % 70-130 0-4 98.6 % 70-130 0-4 99.3 % 70-130 0-4 99.3 % 70-130 0-4 99.3 % 70-130 0-4 99.3 % 70-130 0-4 99.3 % 70-130 0-4 99.3 % 70-130 0-4 99.5 % 70-130 0-4 90.5 % 70-130 0-4 <td>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 0.0250 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 98.6 % 70-130 04/28/23 99.3 % 70-130 04/28/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/28/23 98.6 % 70-130 04/28/23 98.6 % 70-130 04/28/23 99.3 % 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: JL</td> <td>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 98.6 % 70-130 04/28/23 05/03/23 mg/kg mg/kg Analyst: IY ND 20.0 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 99.3 % 70-130 04/28/23 05/03/23 05/03/23</td>	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 0.0250 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 98.6 % 70-130 04/28/23 99.3 % 70-130 04/28/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/28/23 98.6 % 70-130 04/28/23 98.6 % 70-130 04/28/23 99.3 % 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: JL	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 98.6 % 70-130 04/28/23 05/03/23 mg/kg mg/kg Analyst: IY ND 20.0 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 99.3 % 70-130 04/28/23 05/03/23 05/03/23



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

N5 - 1'

E30	111	α_{4}	1	7
н. эт	141	94.	- 1	- /

		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	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		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		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	
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

N5 - 3' E304194-18

		200.171.10					
Analyte	Result	Reporting Limit	Dilut	tion F	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: IY	Toparou	111111,200	Batch: 2317081
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	-	14/28/23	05/03/23	Batch. 231/001
Benzene	ND ND	0.0250	1		14/28/23	05/03/23	
Ethylbenzene			1		14/28/23	05/03/23	
Toluene	ND	0.0250	1		14/28/23	05/03/23	
o-Xylene	ND	0.0250	1				
p,m-Xylene	ND	0.0500	1		14/28/23	05/03/23	
Total Xylenes	ND	0.0250	1	0)4/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	0	04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	0	04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130	0	04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	14/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	0	04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	0	04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130	0	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	0	14/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	0	14/27/23	04/29/23	
Surrogate: n-Nonane		101 %	50-200	0	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2318012
Chloride	25.4	20.0	1	0	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	5/4/2023 1:59:30PM

N5 - 4'

E304194-19	

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	t: 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		101 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		104 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	t: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		104 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	t: 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		102 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	t: BA		Batch: 2318012
Chloride	ND	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

N6 - 1' E304194-20

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Γ	Y		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	1	04/28/23	05/03/23	
Total Xylenes	ND	0.0250	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	A	Analyst: I	Y		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	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	A	Analyst: Л	L		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		102 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2318012
Chloride	2790	20.0	1		05/01/23	05/01/23	



QC Summary Data

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 5/4/2023 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



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.33

2.34

2.41

4.71

7.12

0.499

0.511

0.503

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

93.2

93.5

96.5

94.2

95.0

99 7

102

101

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

0.258

0.752

0.769

0.138

0.352

27

24

27

27

27

Matrix Spike Dup (2317081-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

38.7

0.492

0.491

0.507

QC Summary Data

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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				5.	/4/2023 1:59:30PM
	Non	halogenated	Organics l	by EPA 80	15D - GI	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 (2317081-BLK1)							Prepared: 0	4/28/23 Ana	lyzed: 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: 0	4/28/23 Ana	lyzed: 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:	E304194-0	02	Prepared: 0	4/28/23 Ana	lyzed: 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			

50.0

0.500

0.500

0.500

20.0

Source: E304194-02

77.4

98.4

98.1

101

ND

70-130

70-130

70-130

70-130

11.0



Prepared: 04/28/23 Analyzed: 05/02/23

QC Summary Data

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	5/4/2023 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 Ana	yzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2317060-BS1)							Prepared: 0	4/27/23 Ana	lyzed: 04/28/23
Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132			
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			
Matrix Spike (2317060-MS1)				Source:	E304194-	18	Prepared: 0	4/27/23 Ana	lyzed: 04/28/23
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			
Matrix Spike Dup (2317060-MSD1)				Source:	E304194-	18	Prepared: 0	4/27/23 Ana	lyzed: 04/28/23
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	0.940	20	
Surrogate: n-Nonane	47.4		50.0		94.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	1	Project Name:	Project Name: Di					Reported:			
PO Box 247		Project Number:	2	1064-0001							
Plains TX, 79355-0247	Project Manager: Tom Bynum						5/4/2023 1:59:30PM				
		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 (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-	01	Prepared: 05/01/23 Analyzed: 05/01/23				
Chloride	975	20.0	250	747	91.1	80-120					
Matrix Spike Dup (2318012-MSD1)				Source:	E304194-	01	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

-
\sim
0
-
6
-
9
0
2
-
0
-
3
~
2
AG.
=
90
**
•
-
€
0
9
9/2
0/2
0/20
0/202
0/202
0/20
0/2024
0/2024 3
0/2024 3:
0/2024 3:2
0/2024 3:26
0/2024 3:26:
0/2024 3:26:
0/2024 3:26:5
0/2024 3:26:51
0/2024 3:26:51
0/2024 3:26:51 P
0/2024 3:26:51 PA
0/2024 3:26:51 PA
0/2024 3:26:51 P

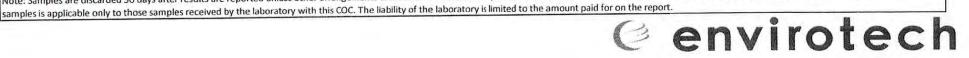
Chain of Custody

	1		5
Page	1	of	1

Tiont. D	ma Envir	nvironmental Services Bill To						La	b Us	e Onl	У	TAT EPA Progr							
Project: 1	Diamon	d Pro	U 22	IH	Attention:		Lab	WO#		,	Job N	lumb	er	1D	2D	3D	Standard	CWA	SDWA
roject N	lanager:	om By	num		Address:		E 3	304	1199	1	2100	04-0	000/				×		DCDA
Address:	5614 N.	Lovingto	on Hwy.		City, State, Zip			_			Analy	sis an	d Metho	d	1				RCRA
	e, Zip Ho		A. 88240)	Phone:													State	
	580-748-				Email:		8015	8015				0		165			NMI CO	UT AZ	TXT
	tom@pim	aoil.cor	<u>n</u>		Pima Project # 1-291-2		DRO/ORO by 8015	yd C	8021	260	010	300.0		N N	×		*	01 11.2	
Report d				r = -1		Lab	/ORC	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		8	N			Damarka	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number	DRO	GRO	вте	VOC	Met	CH _O		BGDOC	BGDOC			Remarks	
	4/21/23	Coil	1	N	1-1	1								×					
	1	1	i		- 31	2								1					
			H		-५¹	3													
		-	++-			4								11					
		_			- 51		+	-	+-	-				+	+	-			
				N2	-11	5	-	-	-	-	ļ		-	+	-				
				N2	3'	6		_	_	_	ļ			4	_				
				N2	-4'	7													
					-51	8												a Carlo	
					-1'	9								1					
	1		士	N3-		10								1	-				
Additio	nal Instru	tions:		1.0															
					am aware that tampering with or intentionally misla	belling the samp	ple loca	tion,									eceived on ice the day		led or received
date or tim	ne of collection	is consider	ed fraud and	may be grounds for l	egal action. Sampled by:	In-t-		Time	2		-								
//	hed by: (Sign	ature)	Dat 4		Received by: (Signature)	- UHA	(2)		133	0	Lab Use Only Received on ice: (Y) / N								
Relinguis	hed by: (Sign	ature)	Da	100.0	Received by: (Signature)	4114	123	Tim	173	λ	T1	'		<u>T2</u>		/	T3		
Relinquis	hed by (Sign	ature	Da		Received by (Signature)	- 4/27	122	5 8	115	-			np °C	4					,1 ₁ ,1 ₁ ,1 ₁ ,1 ₁ ,1 ₁ ,1 ₁ ,1 ₁ ,1 ₁
Sample M	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Contair	ner Ty	pe:g	- glass	, p -	poly/p	lastic	, ag - am	ber g	ass, v	- VOA	connect for the ar	abreie of th	ahouo
Mater Co	mulas ara di	carded 30	days after	results are reported	unless other arrangements are made. Hazard	ous samples w	vill be r	eturne	ed to c	lient	or disp	osed o	or at the c	lient e	xpense	e. The	report for the ar	ialysis of the	above
samples	is applicable	only to the	ose sample	s received by the lat	poratory with this COC. The liability of the labora	atory is limited	to the	amo	uit ha	iu iui	on the	repor							



Received by OCD: 11/26/2024 9:24:46 AM



envirotech Inc.

Printed: 4/27/2023 12:50:36PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

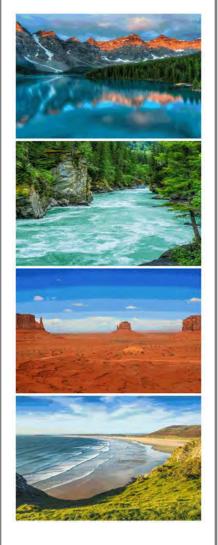
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

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) te sample ID match the COC?		Yes			
	the number of samples per sampling site location mate	the COC				
	amples dropped off by client or carrier?		Yes Yes	Ci C		
	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No	Carrier: <u>C</u>	ourier .	
	Il 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		100	ı	<u>Comme</u>	nts/Resolution
	urn Around Time (TAT)		37		Project Diamond PWU	122 1H has been
	COC indicate standard TAT, or Expedited TAT?		Yes		_	
Sample C			**		separated into 2 report	•
	ample cooler received?		Yes		volume. Workorders an	e as follows:
	was cooler received in good condition?		Yes		E304194 & E304195.	Time sampled not
	e sample(s) received intact, i.e., not broken?		Yes		provided on COC per of	client.
10. Were	custody/security seals present?		No		provided on coc per	
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	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			
	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	•		145			
20. Were 1	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
			No			
	reservation the COC or field labels indicate the samples were pro	namiad?	No			
	umple(s) correctly preserved?	esci veu:				
	filteration required and/or requested for dissolved managers.	atale?	NA No			
	•	cuis.	110			
	se Sample Matrix	0				
	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	zea?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborator		No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: 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: 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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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
D	efinitions and Notes	44
Cl	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 I05 % 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 % 70-130 114 % 70-130 114 % 70-130 98.9 % 70-130 mg/kg mg/kg Analyst: II ND 25.0 1 ND 50.0 1 78.1 % 50-200 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'

E30	N 4 1	105	0.3
н. э	124	רעו	_11/

		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	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	į	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		Analyst:	: 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		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		Analyst:	: Л		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		77.4 %	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

N6 - 5' E304195-03

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	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		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	I	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		98.5 %	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	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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	A	Analyst: RA	S		Batch: 2318013
Allons by ETA 500.0/3030A	8 8	88		-			

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'

		E304195-04					
		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		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: IY			Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	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	1	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: RAS			Batch: 2318013
Chloride	2160	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 12:25:55PM

N7 - 3' E304195-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	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		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	Analyst: I	Y		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	Analyst: JI	L		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	Analyst: R	AS		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

N7 - 4' E304195-06

Analyte	Result	Reporting 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	
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		97.7 %	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		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	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		80.4 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2318013
Chloride	120	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 - 1'

		E304195-07				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	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		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	A	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	A	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
Chloride	1340	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 - 3'

		E304195-08					
		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		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	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	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	·	79.5 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2318013

20.0

1300

05/01/23

05/01/23



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 - 4'

E304195-09							
		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		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	g/kg mg/kg		Analyst: Γ		nalyst: IY	
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:	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		79.1 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
		•					

20.0

05/01/23

05/01/23

143



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 - 5' E304195-10

		Reporting				
Analyte	Result	Limit	Diluti	ion 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	
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		109 %	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	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		109 %	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	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		76.9 %	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 - 1'

E30		

		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		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	: ЛL		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
-	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 - 3' E304195-12

		Reporting					
Analyte	Result	Limit	Dilut	ion Prej	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2317082
Benzene	ND	0.0250	1	04/2	28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	04/2	28/23	05/02/23	
Toluene	ND	0.0250	1	04/2	28/23	05/02/23	
o-Xylene	ND	0.0250	1	04/2	28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04/2	28/23	05/02/23	
Total Xylenes	ND	0.0250	1	04/2	28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/2	28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/2	28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/2	28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/2	28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/2	28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	04/2	28/23	05/02/23	
Surrogate: Toluene-d8		100 %	70-130	04/2	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	04/2	27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/2	27/23	04/29/23	
Surrogate: n-Nonane		78.4 %	50-200	04/2	27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2318013
Allions by ETA 500.0/7030A							



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	Dilu	tion	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	l	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	l	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	ļ.	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	l	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	Į.	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	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		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:	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		72.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
		•					

20.0

05/01/23

05/01/23

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

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

	Reporting					
	T * *.	T-11		D 1	. 1 1	N
Result	Limit	D1	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		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	
	112 %	70-130		04/28/23	05/02/23	
	98.1 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
ND	20.0		1	04/28/23	05/02/23	
	105 %	70-130		04/28/23	05/02/23	
	112 %	70-130		04/28/23	05/02/23	
	98.1 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2317062
ND	25.0		1	04/27/23	04/29/23	_
ND	50.0		1	04/27/23	04/29/23	
	73.4 %	50-200		04/27/23	04/29/23	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
1	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 105 % 112 % 98.1 % mg/kg ND 20.0 105 % 112 % 98.1 % mg/kg ND 25.0 ND 25.0 ND 50.0	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 105 % 70-130 112 % 70-130 98.1 % 70-130 112 % 70-130 112 % 70-130 98.1 % 70-130 112 % 70-130 112 % 70-130 112 % 70-130 98.1 % 70-130 98.1 % 70-130 98.1 % 70-130	ND 0.0250 1 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 ND 0.0250 1 II2 % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130 III % 70-130	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 0.0250 1 04/28/23 ND 0.0500 1 04/28/23 ND 0.0250 1 04/28/23 ND 0.0250 1 04/28/23 105 % 70-130 04/28/23 112 % 70-130 04/28/23 98.1 % 70-130 04/28/23 105 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 04/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23 112 % 70-130 104/28/23	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 0.0250 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 ND 0.0250 1 04/28/23 05/02/23 ND 0.0250 1 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 98.1 % 70-130 04/28/23 05/02/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 112 % 70-130 04/28/23 05/02/23 mg/kg mg/kg Analyst: JL ND 25.0 1 04/27/23 04/29/23 ND 50.0 1 04/27/23 04/29/23



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

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317082
Renzene	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		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		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		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		Analyst:	JL		Batch: 2317062
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		75.5 %	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	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					
		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		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		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	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		Analyst:	ЛL		Batch: 2317062
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		77.6 %	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	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	Diluti	ion 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	
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	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		77.4 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2318013
Chloride	26.5	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 - 4' E304195-21

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RK	S		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		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	Α	Analyst: RK	S		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	Α	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		85.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	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

		2001178 22				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		nalyst: RKS	, #	Batch: 2317061
Benzene	ND	0.0250	1	04/27/23	04/28/23	Batch: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	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		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	A	Analyst: I	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: J	L		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: I	BA		Batch: 2318015
		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

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		- mary zea	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		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: I	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		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: I	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1		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: J	ıL		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	
1 I TID 1 200 0/00 T ()	mg/kg	mg/kg		Analyst: I	BA		Batch: 2318015
Anions by EPA 300.0/9056A		88					



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	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		86.5 %	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		110 %	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		86.5 %	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		110 %	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		88.0 %	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

SW5

		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		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:	Л		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



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

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Benzene	ND	0.0250	1	1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250	1	1	04/27/23	04/28/23	
Toluene	ND	0.0250	1	1	04/27/23	04/28/23	
o-Xylene	ND	0.0250	1	1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500	1	1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250	1	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	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	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		84.3 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015
inions by Elite Colloy 200011							



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	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		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		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		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	

mg/kg

20.0

Analyst: BA

05/01/23

05/02/23

mg/kg

ND



Batch: 2318015

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	5/3/2023 12:25:55PM

SW8

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Benzene	ND	0.0250	1	l	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250	1	l	04/27/23	04/28/23	
Toluene	ND	0.0250	1	l	04/27/23	04/28/23	
o-Xylene	ND	0.0250	1	l	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500	1	l	04/27/23	04/28/23	
Total Xylenes	ND	0.0250	1	l	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	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	l	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

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

QC Summary Data 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 12:25:55PM Volatile Organic Compounds by EPA 8260B Analyst: RKS Source Reporting Spike 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 0.0250 Ethylbenzene Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 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 2.50 99.2 70-130 o-Xylene 0.0250 98.5 4.92 5.00 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 Surrogate: Toluene-d8 0.500 70-130 0.497 Matrix Spike (2317061-MS1) Source: E304192-04 Prepared: 04/27/23 Analyzed: 05/02/23 2.57 48-131 0.0250 2.50 ND ND 45-135 Ethylbenzene 2.53 0.0250 2.50 101

Surrogate: 1,2-Dichloroethane-d4	0.555		0.500		111	70-130				
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130				
Matrix Spike Dup (2317061-MSD1)				Source:	E304192-	04	Prepared: 04	1/27/23 A	Analyzed: 05/02/23	
Benzene	2.47	0.0250	2.50	ND	98.8	48-131	3.83	23		
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135	2.30	27		
Toluene	2.46	0.0250	2.50	ND	98.4	48-130	3.12	24		
o-Xylene	2.47	0.0250	2.50	ND	98.7	43-135	1.65	27		
p,m-Xylene	4.86	0.0500	5.00	ND	97.1	43-135	2.18	27		
Total Xylenes	7.32	0.0250	7.50	ND	97.6	43-135	2.00	27		
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130				
Surrogate: 1.2-Dichloroethane-d4	0.558		0.500		112	70-130				

0.500

2.50

2.50

5.00

7.50

0.500

2.54

2.51

4.96

7.47

0.540

0.496

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

102

100

99.2

99.6

108

99.1

48-130

43-135

43-135

43-135

70-130

70-130

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 12:25:55PM **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

ND

ND

ND

96.2

96.9

94.8

95.5

109

112

99.4

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0500

0.0250

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.87

2.18

2.81

2.60

24

27

27

27

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.40

2.42

4.74

7.16

0.545

0.561

0.497

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	by 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

)						
Nonhalogenated Organics by EPA 8015D - GRO Analogenated Organics										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2317082-BLK1)							Prepared: 0-	4/28/23 A	nalyzed: 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: 0	4/28/23 A	nalyzed: 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: 0	4/28/23 A	nalyzed: 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:	E304195-0)3	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		
Nonhalogenated Organics by EPA 8015D - 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					

Chloride

M2

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

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				5/	3/2023 12:25:55PM			
Anions by EPA 300.0/9056A 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	Prepared: 05/01/23 Analyzed: 05/01/23				

250

1180

80-120

1.77

20.0

Matrix Spike Dup (2318015-MSD1)

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager	2	Diamond PWU 1064-0001 Com Bynum	22 1H				Reported: 5/3/2023 12:25:55PM			
Anions by EPA 300.0/9056A									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: 0:	5/01/23 A	nalyzed: 05/02/23			
Chloride	ND	20.0										
LCS (2318015-BS1)							Prepared: 0	5/01/23 A	nalyzed: 05/02/23			
Chloride	252	20.0	250		101	90-110						
Matrix Spike (2318015-MS1)				Source:	E304195-	21	Prepared: 0	05/01/23 Analyzed: 05/02/23				
Chloride	526	20.0	250	235	117	80-120						

250

20.0

Source: E304195-21

133

80-120

7.67

235

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.



Prepared: 05/01/23 Analyzed: 05/02/23

M2

20

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 12:25

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

Page 3 of 5

a: . 5			al Carat		Bill To				La	b Us	e On	ly		T	_	TA	AT .	EPA P	rogram	
Client: P	ima Envir	onment	a Servi	I.L.	Attention:		Lab	WO#			Job N	Vumt		1D	2D			CWA	SDWA	
Project:	Manager:	Tom By	num		Address:		F.3	504	95	7			0001				X			
	5614 N.				City, State, Zip		-				Analy	sis an	d Metho	od					RCRA	
	e, Zip Ho				Phone:															
	580-748-		VI. 002-40		Email:		13	15							1			State	T=-T	
	tom@pim		n				y 80	y 80	17	0		0.0		Σ				UT AZ	TX	
Report d		100111001			Pima Project # 1-281-2		No Pg	80	v 80.	826	109	le 30				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		BGDOC	BGDOC			Remarks		
Samples	4/21/23	(oi)			16-31	1								X	1					
	4121100	700.	T i	P	16-41	2								1						
					16-3 ¹ 16-4 ¹ 16-5 ¹	3														
					17-1'	4														
		\vdash			N7-3'			T												
							+			T										
				1			+	+-	+	+	+-	-	-	-	\vdash	1				
				1	18 -1'	7			_	-	-	_		-	1	4				
				- 1	N8-31	8									Ш					
					N8-41	9														
		I	1	1	18-51	10								1	-					
Additio	nal Instru	ctions:																		
					I am aware that tampering with or intentionally misk	abelling the sam	ple loca	ation,			Samp	oles requed in ice	airing therm at an avg to	al prese emp abo	ervation ove 0 bu	must be it less tha	received on ice the da n 6 °C on subsequent	y they are sam days.	pled or receive	
Relinquished by: (Signature) Date 4-243 Time 1330 Received by: (Signature) Macula Law Law Law Law Law Law Law Law Law La						Date 4 2	لي ما) Tim	33	0	Rei	ceive	d on ice	:	reservation must be received on ice the day they are sampled or receive above 0 but less than 6 °C on subsequent days. Lab Use Only Y/ N					
Relinquis	hed by: (Sign		Da	te Time	Received by: (Signature)	Date	7h/	Z Tin	^e 7	30	T1			. I	2		T3			
Relinquis	hed by: (Sign	nature	Da		1//// 1//	- 4/2	7/2	3 Tim	8:1:	5	AV	G Te	mp °C_	4						
	atrius E Scil	Ed Colid C	r - Sludge A	10/10/	1	Contail	ner Tv	pe: g	- glas	s, p -	poly/	plasti	c, ag - ar	nber	glass,	v - VO	A			
Matar Ca	mples are dis	carded 30	days after	results are reported	unless other arrangements are made. Hazard	lous samples v	vill be	return	ed to	client	or disp	posed	of at the	client	expen	se. Th	e report for the a	nalysis of th	e above	
samples	is annlicable	only to the	ose sample	s received by the lat	poratory with this COC. The liability of the labor	atory is limite	d to th	e amo	unt pa	aid for	on the	e repo	rt.				Andreas - Alexandre - Alexandre			



Project Information

Chain of Custody

~!!A: F	Sana Farid		al Cond	705	Bill To		T		La	b Us	e On	ly	TAT				EPA P	rogram
roject:1	Pima Envi Diamen Manager:	d Du	U 22	1H	Attention: Address:		Lab F	W0#	119	-	Job N	Number 064-0001		2D	3D	Standard	CWA	SDWA
	5614 N.				City, State, Zip							sis and Metho						RCRA
	te, Zip Ho				Phone:			V										
	580-748-		VI. OOZ-40		Email:		115	115							1 1		State	T
	tom@pin		n		1 0 (1)	.7	37 80	39 80	21	00	9	0.00	N N				UT AZ	IX
Report o					Pima Project # \- 2\\ \-		NO.	ORO I	y 80	y 826	s 601	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 8260	Metals 6010	Chloride 300.0	2000	BGDOC	_		Remarks	
	4/21/23	Soil	1		N9-1'	11)	<				
			(N9-3'	12												
					N9-41	13												
					N9-5'	14							_					
					N10-1'	15												
					N10-31	10								1				
					N10-41	17												
					N10-51	18												
					N11-1'	19												
	11		1		NII - 31	20								4				
Additio	nal Instru	ctions:				, Line and the second												
				nticity of this sample. I may be grounds for I	I am aware that tampering with or intentionally misegal action. Sampled by:	labelling the sam	ple loca	tion,			Samp	oles requiring therm ed in ice at an avg to	al pres emp ab	ervation ove 0 bu	must be r	received on ice the da n 6 °C on subsequent	y they are sam days.	pled or receive
	hed by (Sign	-	Dat	re He-23 Time	Received by: (Signature)	Date L1-2	62	Tim	133	0	Red	ceived on ice	e:	Lab	Use O N	only		116
Relinqui	shed by: (Sign	nature)	Da	te 26-23 Time			6/2	3 Tim	17	30	T1			72	*	<u>T3</u>		
Relinquished by: (Signature) Date 1777 3 Received by: (Signature) All 777 3 Cauth Chris			A 4/2	7/Z	3 Tim	51/2			G Temp °C_				Ŷ					
Sample N	Mark Shi	Solid So	g - Sludge, A	- Aqueous, O - Other) acce	Contain	ner Ty	pe:g	- glas	s, p -	poly/	plastic, ag - ar	nber	glass,	v - VO	A		
Motor Co	malor are di	ccarded 30	days after	results are reported	d unless other arrangements are made. Haza	rdous samples v	vill be	return	ed to	client	or disp	oosed of at the	client	exper	se. The	e report for the a	nalysis of th	e above
samples	is applicable	only to the	ose sample	s received by the la	boratory with this COC. The liability of the lab	oratory is limited	to th	e amo	unt pa	id for	on the	e report.		-				



liont. D	ima Envi	ronmon	tal Servi	nes Bill To	0		AT .	La	b Us					TAT		EPA Program	
roject:	Dieses	ad D	WU Z			Lab	wo#	ALCOHOLD STREET			Number	1D	2D	3D .	Standard	CWA	SDWA
roject N	Manager:	Tom By	num	Address:		E.	304	145	2	210	ysis and Metho	_			×		RCRA
			ton Hwy.			_			ΞÍ	Anaiy	ysis and ivietilo	Ī	П	\neg			Kenr
	hone: 580-748-1613 Phone: Email:				115	8015									State	1=:1	
mail:	tom@pin		m	Pima Project # L-	281-2	by 80	ъу 80	021	097	10	0.000	ž	×		NM CO	UT AZ	TX
Report d			T	Tima Project # p*	Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				×	Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Number	DRO	GRO	втв	VOC	Met	S S	BGDOC	BGDOC			Kemarks	
	4/21/23	Co.	1	N11-4'	21							X					
				N11-51	22							1)					
				SWI	23							\coprod					
				SW2	24							1					
				5W3	25							\perp				Month.	
				SWY	26			_	_							1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
				5 W 5	27	1		_	-								
				5w6	28												
				SWT	29										and the second		110
	1	1	11	sw8	30							1	-				
Additio	nal Instru	ctions:															
				nticity of this sample. I am aware that tampering with or inten	tionally mislabelling the samp	ole loca	tion,				ples requiring therma ked in ice at an avg te						pled or receive
	e of collection		Dat	Time Received by: (Signature)		6-2	Time	330	>	Re	ceived on ice		Lab U	se Onl	у	M 12 1	
	hed by: (Sign		Dat			612	3 Time		0	T1		<u>T2</u>		Vin	<u></u>		
	hed by: (Sign		Da		hut 4/2	7/2	Tim	3:1:	5	AV	/G Temp °C_	4	75.00				
10	VVV		/	Aqueous, O - Other	Cantala	or Tu	20:0	alace		nolu/	/plastic, ag - an	horal	acc v	- VOA			



Printed: 4/27/2023 12:54:25PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

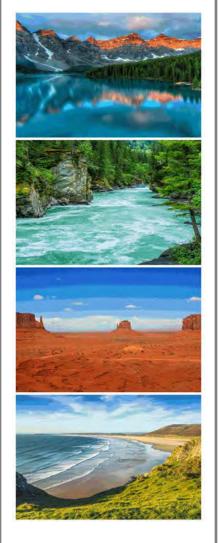
Instructions: Please take note of any NO checkmarks.

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.

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/27/23	08:15	Work Order ID:	E304195
Phone:	(575) 631-6977	Date Logged In:	04/27/23	08:50	Logged In By:	Caitlin Christian
Email:		Due Date:		17:00 (4 day TAT)	Doggod in Dy.	Curin Ciristian
	Custody (COC)		77			
	he sample ID match the COC? he number of samples per sampling site location matc	sh the COC	Yes			
	samples dropped off by client or carrier?	in the COC	Yes	a		
	ne COC complete, i.e., signatures, dates/times, request	on alverson?	Yes No	Carrier: <u>C</u>	<u>Courier</u>	
	all samples received within holding time?	ed allalyses?	Yes			
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	ies		Commen	nts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>					
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 2 reports	s due to sample
7. Was a	sample cooler received?		Yes		volume. Workorders ar	e as follows:
8. If yes,	was cooler received in good condition?		Yes		E304194 & E304195.	
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			•
10. Were	custody/security seals present?		No		provided on COC per o	ment.
11. If yes	s, were custody/security seals intact?		NA			
	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	received w/i 15	Yes			
	visible ice, record the temperature. Actual sample t	iemperature: 4	<u>C</u>			
	Container		No			
	queous VOC samples present? /OC samples collected in VOA Vials?		No NA			
	e head space less than 6-8 mm (pea sized or less)?		NA NA			
			NA			
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?					
	appropriate volume/weight or number of sample containers:	ara aollaatad?	Yes Yes			
Field La	· · ·	ers conected?	105			
	field sample labels filled out with the minimum infor	mation:				
	sample ID?	mation.	Yes			
	Date/Time Collected?		Yes			
C	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pre-	eserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase		No			
27. If yes	s, does the COC specify which phase(s) is to be analyzed	zed?	NA			
Subcont	ract Laboratory					
	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	: NA	
Client I	<u>nstruction</u>					

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: 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

Project Name: Diamond PWU 22 1H

Workorder: E304193

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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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
De	efinitions and Notes	37
CI	nain of Custody etc.	38

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Donoutoda	
PO Box 247	Project Number:	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

		E504175-01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Renzene	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	l	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	l	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	l	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		81.4 %	50-200		04/27/23	04/29/23	
4 ' 1 ED4 200 0/00564	/1	*** ~ /lr ~		Analyst:	RΔ		Batch: 2318011
Anions by EPA 300.0/9056A	mg/kg	mg/kg		r thai y st.	D21		Daten. 2510011



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

		2001170 02					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:	•	1 mary 200	Batch: 2317065
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	04/27/23	05/01/23	Batch: 2517005
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		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		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		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		88.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		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

Result	Limit	Dilı	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	: ЛL		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	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND 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 % mg/kg ND 20.0 107 % 102 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 85.3 % mg/kg mg/kg mg/kg	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 20.0 102 % 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 % 70-130 102 % 70-130 102 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130 100 % 70-130	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 ND 0.0250 1 04/27/23 102 % 70-130 04/27/23 102 % 70-130 04/27/23 100 % 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 %	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 05/01/23 107 % 70-130 04/27/23 05/01/23 100 % 70-130 04/27/23 05/01/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/27/23 05/01/23 100 % 70-130 04/27/23 05/01/23 100 % 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	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/2	23 05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/2	23 05/01/23	
Toluene	ND	0.0250	1	04/27/2	23 05/01/23	
o-Xylene	ND	0.0250	1	04/27/2	23 05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/2	23 05/01/23	
Total Xylenes	ND	0.0250	1	04/27/2	23 05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/27/2	23 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/27/2	23 05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04/27/2	23 05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/2	23 05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/27/2	23 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/27/2	23 05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04/27/2	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	04/27/2	23 04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/2	23 04/29/23	
Surrogate: n-Nonane		85.8 %	50-200	04/27/2	23 04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2318011
Chloride	ND	20.0	1	05/01/2	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

		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		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	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	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.4 %	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

		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		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		Analyst:	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		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		83.2 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
	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				
Analyte	Result	Limit	Dilut	tion 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		100 %	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		100 %	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		83.3 %	50-200	04/27/23	04/29/23	
1 1 ED1 200 0/00#C1				A 14. D A		Batch: 2318011
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	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

P2 - 5' E304193-08

Analyte	Result	Reporting Limit		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		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	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:	: 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		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	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

	D 1	Reporting			D 1		N
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: I	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	l	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	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		98.7 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: I	Y		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	1	Analyst: J	TL .		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	ļ	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	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: I	ВА		Batch: 2318011
Chloride	1080	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 - 3' E304193-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		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		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		Analyst: I	Y		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	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		Analyst: JI	L		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		85.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2318011
Chloride	456	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 - 4' E304193-11

		200.170 11					
Analyte	Result	Reporting Limit	Dilu	tion I	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: IY	repureu	111111,200	Batch: 2317065
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250	1		04/27/23	05/01/23	Batch: 2317003
Ethylbenzene	ND 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	1	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	1	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		Analyst: BA			Batch: 2318011
Chloride	157	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 - 5' E304193-12

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	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		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	A	Analyst: I	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		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	A	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		83.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: E	ВА		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

	_	Reporting	_				
Analyte	Result	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	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		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	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	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	04/27/23	04/29/23	
Surrogate: n-Nonane		84.1 %	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	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				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		109 %	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	A	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		109 %	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	A	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		85.3 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2318011
Chloride	486	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 - 4' E304193-15

	D 1	Reporting			D 1		N .
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: l	ΙΥ		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	I	Analyst: l	ΙΥ		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	1	Analyst: J	ΠL		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	1	Analyst: l	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	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		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		99.4 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: 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		111 %	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	A	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		88.0 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: 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	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		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	Diluti	ion Prepared	l Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	3 05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	3 05/01/23	
Toluene	ND	0.0250	1	04/27/23	3 05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	3 05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	3 05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	3 05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/27/23	3 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/27/23	3 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	A	analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	3 05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/27/23	3 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/27/23	3 05/01/23	
Surrogate: Toluene-d8		99.8 %	70-130	04/27/23	3 05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	3 04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	3 04/29/23	
Surrogate: n-Nonane		87.9 %	50-200	04/27/23	3 04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2318011
Chloride	51.2	20.0	1	05/01/23	3 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	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		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		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	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		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		88.9 %	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	05/02/23	



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	Dilut	tion	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		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	A	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	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		87.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA	1		Batch: 2318011
Chloride	ND	20.0	1		05/01/23	05/02/23	



Chloride

Sample Data

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	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ai	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: RAS		Batch: 2318010

20.0

ND

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	Analys	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	Analys	nalyst: 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	Analys	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	Analys	st: RAS		Batch: 2318010



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	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		92.9 %	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		94.6 %	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		86.4 %	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	_



QC Summary Data

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 Organic Compounds by EPA 8260B** Analyst: IY Source Reporting Spike 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 0.0250 Ethylbenzene 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 2.38 2.50 70-130 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 48-131 2.54 0.0250 2.50 ND 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.8 ND 99.3 48-130 Toluene 2.48 0.0250 2.50 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 43-135 105 Surrogate: Bromofluorobenzene 0.524 0.500 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

2.45

4.82

7.27

0.547

0.552

0.504

0.0250

0.0500

0.0250

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

97.9

96.4

96.9

109

110

101

43-135

43-135

43-135

70-130

70-130

70-130

0.428

1.14

0.897

27

27

27

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

OC Summary Data

				ary Dat						
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:		Diamond PWU 1064-0001	22 1H				Reported:		
Plains TX, 79355-0247		Project Manager:	7	Com Bynum				5/3/2023 12:19:12PM		
		Volatile O	by EPA 802	21B				Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2317083-BLK1)							Prepared: 0	4/28/23 A	nalyzed: 05/01/23	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130				
LCS (2317083-BS1)							Prepared: 0	4/28/23 A	nalyzed: 05/01/23	
Benzene	4.54	0.0250	5.00		90.8	70-130				
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130				
Toluene	4.81	0.0250	5.00		96.2	70-130				
o-Xylene	4.86	0.0250	5.00		97.1	70-130				
p,m-Xylene	9.66	0.0500	10.0		96.6	70-130				
Total Xylenes	14.5	0.0250	15.0		96.7	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130				
Matrix Spike (2317083-MS1)				Source:	E304193-	21	Prepared: 0	4/28/23 A	nalyzed: 05/01/23	
Benzene	4.99	0.0250	5.00	ND	99.8	54-133				
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133				
Toluene	5.28	0.0250	5.00	ND	106	61-130				
o-Xylene	5.31	0.0250	5.00	ND	106	63-131				
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131				
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131				
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130				
Matrix Spike Dup (2317083-MSD1)				Source:	E304193-	21	Prepared: 0	4/28/23 A	nalyzed: 05/01/23	
Benzene	4.39	0.0250	5.00	ND	87.7	54-133	12.8	20		
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	61-133	12.3	20		
Toluene	4.64	0.0250	5.00	ND	92.9	61-130	12.8	20		
o-Xylene	4.70	0.0250	5.00	ND	94.0	63-131	12.2	20		
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	63-131	12.1	20		
Total Xylenes	14.0	0.0250	15.0	ND	93.6	63-131	12.1	20		



7.65

8.00

95.7

70-130

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1,2-Dichloroethane-d4

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 12:19:12PM

Plains TX, 79355-0247		Project Manager	r: To	om Bynum					5/3/2023 12:19:12PM
	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 (2317065-BLK1)							Prepared: 0	4/27/23	Analyzed: 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	Analyzed: 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	Analyzed: 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	Analyzed: 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			

0.500

0.500

0.551

0.508

70-130

70-130

110

102



QC Summary Data

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		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			



QC Summary Data

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) - 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 Ar	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 Ar	alyzed: 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 Ar	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 Ar	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			

QC Summary Data

		Anions		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 A	nalyzed: 05/02/23
Chloride	ND	20.0							
LCS (2318010-BS1)							Prepared: 0	5/01/23 A	nalyzed: 05/02/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2318010-MS1)				Source:	E304193-	21	Prepared: 0	5/01/23 A	nalyzed: 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 A	nalyzed: 05/02/23
Chloride	251	20.0	250	ND	100	80-120	0.0112	20	



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	_	iamond PWU 1064-0001	22 1H			Reported:		
Plains TX, 79355-0247		Project Number: Project Manager:		om Bynum					5/3/2023 12:19:12PM	i
		Anions	by EPA	300.0/9056 <i>A</i>	١				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	5/01/23	Analyzed: 05/01/23	
Chloride	ND	20.0								
LCS (2318011-BS1)							Prepared: 0	5/01/23	Analyzed: 05/01/23	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2318011-MS1)				Source:	E304193-0	1	Prepared: 0	5/01/23	Analyzed: 05/01/23	
Chloride	456	20.0	250	209	98.9	80-120				
Matrix Spike Dup (2318011-MSD1)				Source:	E304193-0	1	Prepared: 0	5/01/23	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

	_	
	7	3
	e	
	e	ì
	S	
	6	
	0	
	0	
		4
	7	ľ
	20	
	/c	
		٠
d	2	
	-	ı
	ř	۵
		1
	9	S
	2	`
	ë	ζ
	K	5
	4	
	u	۵
		Ī
		2
	9	1
	U	ì
	-	4
	7	4
	5	,
		4

Chain of Custody

	1		Z
Page _	1	_ of	2

Client: Pima Environmental Services Project: Dtomand PWU 22 1H Attention:					orden and the state of the stat		Lab Use Only								TA		EPA Program		
roject:	Dramor	4 PV	NU 2	2 14	Attention:		Lab	WO#	03		Job N	lumb	er	1D	2D	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num		Address:		ES	140	93)			1000				X		RCRA
	5614 N.				City, State, Zip						Analys	sis and	d Metho	a T	r	Т			KCKA
	e, Zip Ho		<u>1. 88240</u>		Phone:													State	
	580-748-			<u> </u>	Email:		801	801	100			0				1 1	NMI CO	UT AZ	TX
	tom@pim	aoii.cor	n		Pima Project #]-29	11-3	yd C	yd C	8021	3260	010	300.0		ž	¥	1 1	X		
Report d					<u> </u>	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride		BGDOC	N		/	Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number	DRO	GRO	вте	9	Met	S.		BGE	BGDOC			Remarks	
	4/21/23	Soil	1		P1-11	1								X					
	1	1			P1-3'	2													
					P1-41	3													
					PI-5'	4								$\ $			CIT .		
		-	+		P2-1'	5								1					
			++		P2-3'	6								1					
	1-1-		$\vdash\vdash$	-		17	+		-					\dagger					
					P2-4'		-	-	-	-	-		-	+	+	-			
					-P2-50 P2-51	8								1		-			
					P3-11	9								Ш				a and a superior of the	
	1	1			P3-3'	10								#	-				
Additio	nal Instruc	tions:			100														
					. I am aware that tampering with or intentiona	illy mislabelling the samp	le local	tion,									eceived on ice the day 6 °C on subsequent of		oled or received
				I may be grounds for	legal action. Sampled by:	Date		Time	2		+	_	T		Lab l	Jse Or	nlv		
Relinquished by: (Signature) Pate 4-2633 Time Received by: (Signature) William						4.26.23 1330						Received on ice: Y N							
Relinquis	hed by; (Sign		Da	te Tim	730 mm	0 Tr/2	612	Time	13	0	<u>T1</u>			<u>T2</u>			<u>T3</u>		
Relinquis	hed by: (Sign		Da	te Tim	Received by (signature)	L 4/2-	1/23	Tim 8	:/5	-	AVO	3 Ten	np °C_L	f					
Sample	atrivi S Soil	A - Solid Se	z - Sludge A	Aguagus O - Other	Carolina	Contain	er Typ	e: g	glass	, p -	poly/p	lastic	, ag - am	ber g	ass, v	- VOA			
Note: Sa	mnles are dis	carded 30	days after	results are reporte	d unless other arrangements are made.	Hazardous samples w	ill be r	eturne	ed to cl	lient (or disp	osed c	of at the cl	ient e	xpens	e. The	report for the ar	alysis of the	above
	is applicable	only to the	nca cample	s received by the la	aboratory with this COC. The liability of th	e laboratory is limited	to the	amou	ınt pai	d for	on the	repor	t.						



	-
	2
	_
	CO .
	Comment
	0
	20
	-
	9
	6
	2
	-
	Please
	6
	-
	L.
	-
	The same of
	-
	600
	2
r	
٩	, 6
	Print.
è	600
ι	<i>r</i> a
	-
	-
	-
	12
	12/
	12/1
	6
	6
	0/2
	6
	0/2
	0/2
	0/2
	0/2024
	0/2024
	0/2024 3
	0/2024
	0/2024 3:
	0/2024 3:2
	0/2024 3:26
	0/2024 3:26:
	0/2024 3:26:
	0/2024 3:26:5
	0/2024 3:26:5
	0/2024 3:26:5
	0/2024 3:26:51
	0/2024 3:26:51
	0/2024 3:26:51 P
	0/2024 3:26:51 P

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services		т.	Bill To				Lat	b Us	e Only			F		TA	T	EPA P	Program			
Client: P	pject: Pima Environmental Services pject: Diamond PwV 22 1H pject Manager: Tom Bynum			Attention:	DIII 10		Lah	WO#			Job N	umb	er ,	1D	2D	3D		CWA	SDWA	
				- 191	Address:	1		F.2	WO#	93		2100	04-	0001				×		
	5614 N.				City, State, Zip				W.J.					d Metho	d					RCRA
	e, Zip Ho				Phone:															
	580-748-		VI. 002 13		Email:			115	115						1		1 1		State	
Email:	tom@pim	aoil.com	n		1	# 1-28 1-3		3y 8C	oy 80	21	0	0	0.0		M			NM CO	UT AZ	TX
Report d					Pima Project	# 1 40 1-5		80	RO	y 80	/ 82€	109	Je 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 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
	4/2/23	Soul	1		P3-41		11								X	_				
			1	1	73-5'		12								1					
					P4-1'		13								1					
1000				-	P4-31		14								1					
					P4-41		15								\prod					
				Ī	14-51		16								\perp				was to the same	
				Ī	5-11		17													
				F	25-31		18													
				1	15-41		19													
	L	1	- 1		sw1		20								1	-				
Additio	nal Instru	ctions:																		
						with or intentionally mislabell Sampled by:	ing the samp	le loca	tion,									eceived on ice the da n 6 °C on subsequent		pled or received
Relinguis	hed by: (Sign	ature) /	Da	te Time	Received by	(: (Signature)	Date 4-9/	,23	Time	330	>	Rec	eive	d on ice:		Lab	Use O N	nly		
Refinquis	hed by: (Sign	nature)	Da	te Time		(Signature)	Date 4/2	42	7 Tim	13	1	T1			<u>T2</u>		TOO IN CALL	T3		
	hed by: Sign			1/27/23 Time	Recoved by	(Signature)	Date /	1/22	Tim	3:15				np °C	4	-				
Sample M	atriv: S - SMI	Sd - Solid S	g - Sludge A	- Aqueous, O - Other	·		Contain	er Ty	pe: g	glass	, p -	ooly/p	lastic	, ag - am	ber g	lass,	v - VOA	A		
Note: Sa	malas ara dis	carded 30	days after	results are reporte	d unless other arrangeme	ents are made. Hazardous	samples w	ill be r	eturn	ed to cl	lient (or disp	osed o	of at the c	lient e	xpens	e. The	report for the a	nalysis of th	e above
samples	is applicable	only to th	ose sample	s received by the la	boratory with this COC. T	The liability of the laborator	y is limited	to the	amo	unt pai	d for	on the	repor	τ.					64	F94



Project Information

Chain of Custody

 $_{Page}$ 3 of 3

Client: Pima Environmental Services Project: Diamand Pwo 22 IH Attention:						umpolitate a second constitution of the party			La	b Us	e Onl	У				TA	EPA Program		
Project:	ıma Envi	onmen	WU 7	2 14	Attention:		Lab	WO#		-	Job N	lumb		1D	2D	3D	Standard	CWA	SDWA
Project N	Manager:	Tom By	num	- 1.1	Address:		E:	300	119				-000/				Y		2024
	5614 N.				City, State, Zip						Analy:	sis an	d Metho	d	_				RCRA
	e, Zip Ho				Phone:													Chaha	
	580-748-				Email:		015	015									NIMI CO	State UT AZ	ТтуТ
Email:	tom@pin	naoil.com	n	10000	Pima Project # 1-281-	3	by 8	by 8	021	09	10	0.00		Z	×		×	UT AZ	1/
Report o	ue by:				Fillia Floject# 201		ORO -	DRO	by 8(y 82	ls 60.	ide 3			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			Remarks	
	4/21/23	Soil	1		SW2	21		_						Y	:			MANAGES CONTRACTOR OF THE PARTY	
		1	1		SW 2 SW 3	22								1					
	1	上	上		Swy	23								1	+				
					·														
					. 1														
					Market Control of the State of		GI .	1											
			-				+	T	T						1				
			-		and the second s			+	+	T	+			+		1		17 11	
					111 700 1111			-	-	-	+	-		+	+	-	 		
Additio	nal Instru	ctions:																	
					I am aware that tampering with or intentionally mi legal action. <u>Sampled by:</u>	slabelling the samp	ple loca	ition,			Samp	oles requ ed in ice	airing therm	al preser	vation ve 0 bu	must be r less than	received on ice the da n 6 °C on subsequent	y they are sam days.	oled or receive
Relinquis	hed by Sign	lature) (Date Date	may be grounds for	Received by: (Signature)	Date 4:20	.))	Tim	370	>	Des	naiva	d on ice		Lab Y)/	Use O	only	30 000	
166	osle	NU			Received by: (Signature)	Date	000	Tim		-	- Ked	Leive	u on ice	. (יוע				
14/1	hed by: (Sign	Livoy	4	LC 23 Tim	730 600	4/2	6/2	3 1	73	0	T1			_ <u>T</u>	2		<u>T3</u>		
Relinquished by: (Signature) Date 4/27/3 3 5 Received by: (Signature) Authority				£ 4/2	7/23	3 8	3.15	5	AV	G Tei	mp °C_	4				= 1 1 1			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Mata Ca	ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					rdous samples v	vill be	return	ed to	client	or disp	oosed	of at the	client e	xpen	se. The	e report for the a	nalysis of th	e above
samples	is applicable	only to the	ose sample	s received by the la	aboratory with this COC. The liability of the lab	oratory is limited	d to th	e amo	unt pa	nd for	on the	е геро	II.			_			



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 ca 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

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
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
С	hain of Custody etc.	30

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 16:09

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

E3	O	60	70)_	N	1

	L500070 01				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
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	
	95.2 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2323057
ND	20.0	1	06/08/23	06/09/23	
	91.3 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
ND	25.0	1	06/08/23	06/09/23	
ND	50.0	1	06/08/23	06/09/23	
	59.4 %	50-200	06/08/23	06/09/23	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
ND	20.0	1	06/09/23	06/09/23	
	mg/kg ND ND ND ND ND ND ND ND 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 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 59.4 % mg/kg mg/kg mg/kg	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 mg/kg mg/kg Ana ND 20.0 1 91.3 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 59.4 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL 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 ND 0.0250 1 06/08/23 mg/kg mg/kg Analyst: SL 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 ND 50.0 1 06/08/23 mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL 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: SL 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 ND 50.0 1 06/08/23 06/09/23 ND 50.0 1 06/08/23 06/09/23 M

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	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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		96.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: RAS		Batch: 2323062
•	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

	D				
Result		Dilution	Prepared	Analyzed	Notes
			•	Amaryzea	
mg/kg	mg/kg	Allai	•		Batch: 2323057
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	
	97.6 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
ND	20.0	1	06/08/23	06/09/23	
	91.3 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
ND	25.0	1	06/08/23	06/09/23	
ND	50.0	1	06/08/23	06/09/23	
	56.7 %	50-200	06/08/23	06/09/23	
ma/lea	mg/kg	Anal	yst: RAS		Batch: 2323062
mg/kg	mg/kg	1 11141	700.10.10		Buten: 2020002
	ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 97.6 % mg/kg mg/kg ND 20.0 91.3 % mg/kg ND 25.0 ND 50.0 56.7 %	Result Limit Dilution mg/kg mg/kg Anal 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 MD 20.0 1 91.3 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 56.7 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL 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 ND 0.0250 1 06/08/23 mg/kg 70-130 06/08/23 mg/kg mg/kg Analyst: SL ND 20.0 1 06/08/23 mg/kg mg/kg Analyst: KM ND 25.0 1 06/08/23 ND 50.0 1 06/08/23 56.7 % 50-200 06/08/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL 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: SL ND 20.0 1 06/08/23 06/09/23 mg/kg mg/kg Analyst: SL ND 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 06/09/23 ND 50.0 1 06/08/23 06/09/23 ND 50.7% 50-200 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 4:09:00PM

4 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		98.5 %	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		90.6 %	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		59.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
					<u> </u>	<u> </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

5 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	ılyst: 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	ılyst: 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	ılyst: 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

		ъ «				
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		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

		ъ «:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	riepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	Analy	st: 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	Analy	st: 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	Analy	vst: RAS		Batch: 2323062
-	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

9 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		95.3 %	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		92.9 %	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		67.3 %	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

10 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		94.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	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		92.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	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		68.6 %	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

11 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		95.9 %	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		92.7 %	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		69.2 %	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

12 CS

		D 4				
Analys	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		94.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	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		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	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		95.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	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		91.1 %	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		60.6 %	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

15 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		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	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		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
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

16 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		95.4 %	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	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

		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		98.6 %	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		90.5 %	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		59.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
	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

		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		98.7 %	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		90.4 %	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		80.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2323062
· · · · · · · · · · · · · · · · · · ·	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

19 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		95.5 %	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		92.1 %	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		81.4 %	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	



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	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		95.9 %	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		91.8 %	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		82.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
	ND	20.0		06/09/23	06/09/23	<u> </u>



		QC Si	umm	ary Dat	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Diamond PWU 1058-0007 Com Bynum	722 1H				Reported: 6/12/2023 4:09:00PM
1 Maile 111, 7,000 02 17		-			31D				
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte		Reporting Limit	Spike	Source	ъ	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	Level mg/kg	Result mg/kg	Rec %	%	КГD %	%	Notes
Blank (2323057-BLK1)							Duomomodi ()	16/09/22 A	analyzed: 06/09/23
,	NID	0.0050					Prepared: 0	0/08/23 A	maryzed: 00/09/23
Benzene	ND ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene 5-Xylene	ND	0.0250 0.0250							
o-Aylene o-m-Xylene	ND	0.0250							
o,m-Xylene Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.98	0.0230	8.00		99.7	70-130			
LCS (2323057-BS1)							Prepared: 0	6/08/23 A	analyzed: 06/09/23
Benzene	4.85	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.3	70-130			
Toluene	4.97	0.0250	5.00		99.5	70-130			
o-Xylene	4.96	0.0250	5.00		99.3	70-130			
o,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.8	0.0250	15.0		98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			
Matrix Spike (2323057-MS1)				Source:	E306070-	07	Prepared: 0	6/08/23 A	analyzed: 06/09/23
Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.20	0.0250	5.00	ND	104	61-130			
p-Xylene	5.17	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			
Matrix Spike Dup (2323057-MSD1)				Source:	E306070-	07	Prepared: 0	6/08/23 A	analyzed: 06/09/23
Benzene	5.16	0.0250	5.00	ND	103	54-133	2.04	20	
Ethylbenzene	5.11	0.0250	5.00	ND	102	61-133	1.50	20	
Toluene	5.30	0.0250	5.00	ND	106	61-130	1.80	20	

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

105

104

104

63-131

63-131

63-131

70-130

1.72

1.59

1.63

20

20

20



o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

5.26

10.4

15.6

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 - GI	RO			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
		95		9.15	70	70			
Blank (2323057-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 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 A	nalyzed: 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:	E306070-0	07	Prepared: 0	6/08/23 A	nalyzed: 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:	E306070-0	07	Prepared: 0	6/08/23 A	nalyzed: 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			
Nonhalogenated Organics by EPA 8015D - 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: 06/08/23 Analyzed: 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:	Source: E306070-12		Prepared: 06/08/23 Analyzed: 06/09/2		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:	Source: E306070-12		Prepared: 06/08/23 Analyzed: 06/0		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 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Diamond PWU 01058-0007 Fom Bynum	22 1H				Reported: 6/12/2023 4:09:00PM			
Anions by EPA 300.0/9056A Analyst: 1												
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: (Analyzed: 06/09/23			
Chloride	ND	20.0										
LCS (2323062-BS1)					Prepared: 0				06/09/23 Analyzed: 06/09/23			
Chloride	255	20.0	250		102	90-110						
Matrix Spike (2323062-MS1)				Source: E306070-01			Prepared: 06/09/23 Analyzed: 06/09/23					
Chloride	250	20.0	250	ND	100	80-120						
Matrix Spike Dup (2323062-MSD1)				Source: E306070-0			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.



-
2
0
-
6
ä
-
S
a
-
0
-
3
ā
뗗.
Ξ.
Property
90
-
1
12
12/
12/1
6
0
0
6
0/20
0/202
0/20
0/2024
0/202
0/2024
0/2024 3:
0/2024 3:2
0/2024 3:26
0/2024 3:26:
0/2024 3:26:5
0/2024 3:26:
0/2024 3:26:5
0/2024 3:26:51 I
0/2024 3:26:51 P
0/2024 3:26:51 P

Project Information

Chain of Custody

		111
Page _	of	10

Client: P	ima Env	rironmen	tal Servi	ices		Bill To		(13) No.		La	b Us	e On	ly				TA	т	EPA P	rogram
Project:	Diam	Tom By	10 22	1 H	Attention:	Devon		Lab	WO#			Job 1			1D	2D	3D	Standard	CWA	SDWA
		. Lovingt			Address: City, State, Z	in		E	SOCO	070				7000	X					DCDA
		obbs. NI			Phone:	ip		-				Anaiy	sis ar	nd Method		T	Т			RCRA
Phone:					Email:			15	S										State	
THE RESERVE AND ADDRESS.		maoil.com	n		1778	11/2012		y 80.	y 80	н	0		0.0		5			NM CO	UT AZ	TX
Report d	ue by:				Pima Proje	ect # 1-281-3		RO b	RO b	/ 802	826	6010	e 300.		NN	¥		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 3		BGDOC	BGDOC			Remarks	
1:00	618	5		+ CS			1	1							X					
8:05			1	Z (S			2					1-1								
8:10				3 cs			3								1					
8:15				4 cs			4													
8:20				5 cs			5								1					
8:75				6 CS			v								1					
8:30				7 cs	ĥ.		7								1					
8:35				8 CS			8													
P:40				9 CS			9								1					
P:45	1	1		18 CS			10								1					
Addition	al Instruc	tions:			B#2114	45598	1 11119, 11111		-											
				ticity of this sample. I may be grounds for leg		ng with or intentionally misla Sampled by:	abelling the sample	locatio	on,									eived on ice the day °C on subsequent da		ed or received
	me p	gane	Date		00 Julie			23		100		Rece	eived	on ice:	6	ab U	se Onl	у		
Relinquishe AUCU	pa +	eerys	Date	7-23 Time	ANG		6-8-	-23	Time	330	0	T1		1	T2			T3		
Relinquishe	W c	MUSSO		1-9-23 01		by: (Signature) Lu Man	10 9/	13	Time	00		AVG	Tem	ıp°c_4	100					
	x: S - Soil, Sc	d - Solid, Sg -	Sludge, K - A	Aqueous, O - Other			Containe	r Type	: g - g	glass,	p - po	oly/pl	astic,	ag - ambe	er gla	ss, v -	VOA			
						nents are made. Hazard									nt exp	ense.	The re	eport for the ana	lysis of the	above



Project	Inforn	nation
Client:	Pima	Envir

Chain of Custody

7		10
Page	_ of _	10

Client: F	ima Env	/ironmen	tal Servi	ices	Bill To				La	b U	se On	ly	-17			TA	T	EPA P	rogram
		nd PW		2H_	Attention: Devon		Lab	WO#			Job I				2D	3D	Standard	CWA	SDWA
		Tom By			Address:		E	205	070				7000						
		. Lovingt			City, State, Zip						Analy	sis an	d Method	-					RCRA
	580-748		VI. 88240	J	Phone:														
		maoil.com	n		Email:		3015	3015									1111100	State	[/]
Report d		110011.001			Pima Project # 1-281 - 3	3	by	by 8	021	260	10	300.0		Σ	×			UT AZ	IX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC T		X	Remarks	
8:50	618	5		1(.		11		U		>	2	O		×	- 60	П			
8:95	1			12		12								1					
9:00				13		13													
9:05				14		14								1					
a:10				15		15								1		П			
4:15				16		16													
9:20				17		117													
9:25				18		18								1					
9:30				19		19													
9:35		1	1	20		10								1					
Addition	al Instruc	tions:			3H2114550		_												
, (field samp date or time	ler), attest to of collection	o the validity is considered	and authent I fraud and n	icity of this sample. I may be grounds for le	am aware that tampering with or intentionally mislab		locatio	on,					Tarrest Contract Cont				eived on ice the day °C on subsequent da		ed or received
Relinduishe	d by: (Signa	Adram	Date	18/23 20	Received by: (Signature) Wille Charely		2)	Time	lOD))	Rece	eived	on ice:	L	ab U	se Onl	У	18.	
	ulpe	Chrysl		823 17	Received by: (Signature)	6-G	13	Time	83	30	T1			T2			<u>T3</u>		
Relinquishe	WW	2000		-9-23 01	Received by (Signature) OO Cath Mais	Date ,	23	Time	:α		AVG	Tem	p°c4	1					
				queous, O - Other		Containe	Туре	: g - g	lass,	p - p	oly/pl	astic,	ag - ambe	er gla	ss, v -	VOA		and the state of t	
vote: Samp	les are disc	arded 30 da	ays after re	sults are reported	unless other arrangements are made. Hazardo	us samples will	be ret	urned	to clie	ent or	dispo	sed of	at the clie	nt exp	ense.	The re	eport for the ana	lysis of the	above



envirotech Inc.

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 06	:00	Work Ord	ler ID:	E306070
Phone:	(575) 631-6977	Date Logged In:	06/08/23 15	:32	Logged I	a By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/12/23 17	':00 (1 day TAT)		•	
Chain of 1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al Sample T 6. Did the Sample C	Custody (COC) the sample ID match the COC? the number of samples per sampling site location manapples dropped off by client or carrier? the COC complete, i.e., signatures, dates/times, requestled 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 disucssiturn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?	tch the COC sted analyses?	Yes Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Co</u> Project Diamond l	PWU ports	due to high sample
8. If yes, v	was cooler received in good condition?		Yes				06072, E306073 &
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		•	-	·
	custody/security seals present?		No		E306074.Sample	14 CS	s not received.
	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 visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	<u>Container</u>						
14. Are ac	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	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa D	tel. field sample labels filled out with the minimum information in the minimum information in the minimum information in the minimum information in the minimum in the minimum information in the minimum in the minim	ormation:	Yes Yes Yes				
Sample P	<u>reservation</u>						
	the COC or field labels indicate the samples were pr	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does t	the 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 sa	act Laboratory umples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA S	Subcontract Lab	: NA		
Client In	struction						

Date

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

Received by OCD: 11/26/2024 9:24:46 AM

Ici: L D	ient: Pima Environmental Services Bill To Lab Use Only TAT EPA Program																					
Client: P	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 Manager: Tom Bynum Address:									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	od .			_			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													MA NETTO SHE	
¥: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			المستد										
					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 PARTY OF TH							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	
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: 11/26/2024 9:24:46 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

West Texas Midland/Odessa Area

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

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Rayny Hagan

Technical Representative



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	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
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

D (
Reportin	· ·	et n		N.
t Limit	Dilu	ition Prepare	d Analyzed	Notes
g mg/kg		Analyst: IY		Batch: 2323059
0.0250) 1	1 06/08/2	3 06/09/23	
0.0250) 1	1 06/08/2	3 06/09/23	
0.0250) 1	1 06/08/2	3 06/09/23	
0.0250) 1	1 06/08/2	3 06/09/23	
0.0500) 1	1 06/08/2	3 06/09/23	
0.0250) 1	1 06/08/2	3 06/09/23	
99.0 %	70-130	06/08/2	06/09/23	
103 %	70-130	06/08/2	06/09/23	
92.9 %	70-130	06/08/2	06/09/23	
g mg/kg		Analyst: IY		Batch: 2323059
20.0	1	1 06/08/2	3 06/09/23	
99.0 %	70-130	06/08/2	06/09/23	
103 %	70-130	06/08/2	06/09/23	
92.9 %	70-130	06/08/2	06/09/23	
g mg/kg		Analyst: KM		Batch: 2323069
25.0	1	1 06/08/2	3 06/09/23	
50.0	1	1 06/08/2	3 06/09/23	
59.4 %	50-200	06/08/2	06/09/23	
g mg/kg		Analyst: RAS		Batch: 2323064
20.0	1	1 06/08/2	3 06/09/23	
	t Limit g mg/kg 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 99.0 % 103 % 92.9 % g mg/kg 20.0 99.0 % 103 % 92.9 % g mg/kg 25.0 50.0 59.4 % g mg/kg	t Limit Dile g mg/kg 0.0250 0.0250 0.0250 0.0250 0.0500 0.0500 0.0250 99.0 % 70-130 103 % 70-130 92.9 % 70-130 103 % 70-130 92.9 % 70-130 g mg/kg 20.0 99.0 % 70-130 103 % 70-130 59.4 % 50-200 g mg/kg	t Limit Dilution Prepare g mg/kg Analyst: IY 0.0250	t Limit Dilution Prepared Analyzed g mg/kg Analyst: IY 0.0250 1 06/08/23 06/09/23 0.0250 1 06/08/23 06/09/23 0.0250 1 06/08/23 06/09/23 0.0250 1 06/08/23 06/09/23 0.0500 1 06/08/23 06/09/23 0.0500 1 06/08/23 06/09/23 0.0250 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	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
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	l	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	-	Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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		Analyst:	KM		Batch: 2323069
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	<u> </u>	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		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

44 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		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	A	Analyst: IY	-		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	A	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		62.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	AS		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	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		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	: IY		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	: 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	: 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

46 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		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	А	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	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		55.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323064
Allions by EFA 500.0/9030A						



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	Dilu	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	1	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	1	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	7/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323064
Allous by EFA 300.0/9030A							



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	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	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		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	l	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



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	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	ļ	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	٠	Analyst: IY	•		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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: KI	М		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	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2323064
Anions by EPA 300.0/9056A	8 8	<u> </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 4:13:48PM

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	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	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		99.7 %	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		103 %	70-130		06/08/23	06/09/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	IY		Batch: 2323059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23		
Surrogate: Bromofluorobenzene		99.7 %	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		103 %	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		71.8 %	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

54 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	l	06/08/23	06/09/23		
Surrogate: Bromofluorobenzene	·	102 %	70-130		06/08/23	06/09/23		
Surrogate: 1,2-Dichloroethane-d4		99.7 %	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:	IY		Batch: 2323059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23		
Surrogate: Bromofluorobenzene		102 %	70-130		06/08/23	06/09/23		
Surrogate: 1,2-Dichloroethane-d4		99.7 %	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: 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	Į.	06/08/23	06/09/23		
Surrogate: n-Nonane		71.7 %	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

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	l	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	l	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	[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		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	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 - 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
11110110 0 7 111110 0 0 10 7 7 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

56 CS

Reporting								
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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		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	1	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		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	1	Analyst: KM	1		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		80.3 %	50-200		06/08/23	06/09/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	.S		Batch: 2323064	
	ND	20.0			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

57 CS

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250	1	l	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		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	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	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		74.8 %	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

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

		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		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	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		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	-	Analyst: 1	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		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		67.8 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2323064



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 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

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

6.78

0.495

0.491

0.508

0.0250

7.50

0.500

0.500

0.500

ND

90.4

98.9

98.2

102

43-135

70-130

70-130

70-130

4.13

Matrix Spike Dup (2323059-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

53.6

0.496

0.482

0.524

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	2/2023 4:13:48F
	Non	halogenated	Organics l	by EPA 801	15D - GI	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 Analy	zed: 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 Analy	zed: 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			
Matrix Spike (2323059-MS2)				Source:	E306072-	09	Prepared: 0	6/08/23 Analy	zed: 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			

50.0

0.500

0.500

0.500

20.0

Source: E306072-09

107

99.1

96.4

105

70-130

70-130

70-130

70-130

ND

Prepared: 06/08/23 Analyzed: 06/09/23

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 Manage	r: To	m Bynum				6	5/12/2023 4:13:48PN
	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 (2323069-BLK1)							Prepared: 0	6/08/23 An	alyzed: 06/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	35.2		50.0		70.3	50-200			
LCS (2323069-BS1)							Prepared: 0	6/08/23 An	alyzed: 06/09/23
Diesel 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 An	alyzed: 06/09/23
Diesel 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 An	alyzed: 06/09/23
Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	38-132	2.62	20	
Gurrogate: n-Nonane	36.4		50.0		72.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Diamond PWU 01058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager		Tom Bynum					6/12/2023 4:13:48PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323064-BLK1)							Prepared: (06/08/23 A	analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323064-BS1)							Prepared: (06/08/23 A	analyzed: 06/09/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2323064-MS1)				Source:	E306072-	01	Prepared: (06/08/23 A	analyzed: 06/09/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2323064-MSD1)				Source:	E306072-	01	Prepared: (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.



3	
Project	Information
80	
Client:	Pima Envir

lient: Pima roject:	Envi	ronmen	tal Serv	ices		Bill To				La	b Us	e On	ly				TAT		T	EPA P	rogram
roject: 🔰 roject Mana	CMO	Tom By	10 Z	LIH	At	tention: Vevan		Lab	WO#	01:	2	1 dol	Vumber		1D	2D	3D	Standa	rd	CWA	SDWA
ddress: 56	14 N.	Lovingt	on Hwy		A STATE OF THE PARTY OF THE PAR	y, State, Zip				01,			sis and I		-/-						RCRA
ity, State, Zi hone: 580-			1. 8824	0	70000	none:						= 1							100		
mail: tom			n		1,000	1 761 2		8015	8015	1			0					NMI	col	State UT AZ	ТхТ
eport due b					P	ima Project # 1-281-3		RO by	RO by	y 802	8260	6010	e 300		NN	¥		x			
Control of the Contro	npled	Matrix	No. of Containers	Sample IE	•		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	ВСБОС			1	Remarks	
1:20 6	18	5	1	141	CS		1								X						
1:25				42	CS		2														
1:30				43	CS		3														
1:35				44	CS		4														
1:40				45	CS		5														
1:45				460	S		6												***************************************		
1:50				47	CS		7														
1:55				48	CS		8								1						
1:55 2:00 ^M				49	CS	~	9							Ī	1						
2:05		1	1	50	CS		10								1						
dditional In	struct	ions:				B# 21145598															
						that tampering with or intentionally mislabe	lling the sample	e locatio	on,									ed on ice the			ed or receive
linguished by:	(Signat				Time	Received by: (Signature)	Date 6-80	13	Time	900			eived or		إ	b Use	e Only				
linquished by:	(Signat	are)	Date		Time 715	Received by: (Signature)	Date 6-8-	-13	Time	33		T1	ived of	rice.	(<u>'</u>) N		<u>T3</u>			
linguished by:	/	ure)	Date		Oloo	Received by: (Signature)	Date	22	Time	iac					1		1.	13			
mple Matrix: S -		Solid San		1		Lauch 112	Containe	25	U	100			Temp '					11-			



Client: P	ima Env	ironmen	tal Servi	ces		Bill To	-	100		La	ab U	se Or	nly	m - 1				TAT		EPA P	rogram
	Diogram Manager:			-H		evon		Lab	WO#			Job	Num		1	D 2	D 3	D S	Standard	CWA	SDWA
	5614 N.				Address: City, State, Zi	n		E2	301	DO I	4			0007		X L					DCDA
	e, Zip Ho)	Phone:	9	-	-				Anar	sis ai	na Metr	noa	1		_			RCRA
Phone:	580-748-	1613			Email:			15	53										0.05.000	State	L
	tom@pin		n ·			ct# 1-281-	3	y 80.	y 801	н			0.0			_			NM CO	UT AZ	TX
Report d					Pima Projec	Ct# 1- C01-	_	RO b	RO b	y 802	826	6010	e 300				¥		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			верос	верос			Remarks	
12:10	6/8	5	1	51 CS			11									X					
12:15				57 CS			12														
12:20				53 CS			13														
12:25				54 cs			14														
12:30				55 cs			15														
12:35				56 cs			16														
12:40				57 CS			17														
12:45				58 cs			18														
.12:50				59 cs			19								1						
12:55	1	1	l	60 c	5		20								1	1					
	al Instruct	*******			3#	211455 98	3														
date or time	of collection	is considered	and authenti I fraud and n	city of this sample. nay be grounds for le	am aware that tampering gal action.	g with or intentionally mislabell Sampled by:	ing the sample	locatio	on,										ed on ice the day t on subsequent da		ed or received
Relinquishe	ne Adr	amo	· Date	18/23 Time	-00 1/1/la	y: (Signature)	Date Ce-80	13	Time	100	5	Reci	eived	on ice	: /	Lab V)/	Use N	Only			F
dut		eurs		-8-2) Time	15 HAVE	y: (Signature)	Date 6-8-	23	Time	83	0	T1			T	2			Т3		
Relinguishe	ed by: (Signa	NV4	Date O	9-23 C	Received b	y: (Signature)	Date 10/9/2	3	Time	00		AVG	Tem	p°C	4						
				queous, O - Other _			Containe	r Type	: g - g	glass,	p - p	oly/pl	astic,	ag - am	iber g	glass,	v - V0	AC			
Note: Samp	oles are disc	arded 30 da	ays after re	sults are reported	unless other arrangem	ents are made. Hazardous	samples will	be ret	urned	to cli	ent o	r dispo	sed of	at the c	lient	expen	se. T	ne repo	ort for the ana	lysis of the	above
samples is	abbiicapie 0	my to those	samples re	eceived by the lab	oratory with this COC.	The liability of the laborator	y is limited to	the a	moun	t paid	for o	n the	report								



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:				06:00	
	(575) 631-6977	Date Logged In:	06/08/23 1	5:36	Logged In By: Caitlin Mars
Email:	tom@pimaoil.com	Oue Date:	06/09/23	17:00 (0 day TAT)	
Chain of	Custody (COC)				
1. Does th	e sample ID match the COC?		Yes		
2. Does th	e number of samples per sampling site location match	h the COC	Yes		
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>
4. Was the	COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes		
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion	•	Yes		Comments/Resolution
Sample T	urn Around Time (TAT)				D 1 . D1 . 1 D1777 40 4771 . 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU 22 1H has been
Sample C	<u>ooler</u>				separated into 5 reports due to high sample
7. Was a s	ample cooler received?		Yes		volume. Workorders are as follow:
8. If yes, v	vas cooler received in good condition?		Yes		E306070, E306071, E306072, E306073 &
9. Was the	sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		E306074.
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 to	received w/i 15	Yes		
Sample C		•			
	ueous 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 containe	rs collected?	Yes		
Field Lab	•				
	erical sample labels filled out with the minimum inform	nation:			
	imple ID?		Yes		
\mathbf{D}_{i}	ate/Time Collected?		Yes		
Co	ollectors name?		Yes		
	<u>reservation</u>				
	he COC or field labels indicate the samples were pre-	served?	No		
	mple(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	tals?	No		
Multipha	se Sample Matrix				
26. Does t	he sample have more than one phase, i.e., multiphase	?	No		
27. If yes,	does the COC specify which phase(s) is to be analyz	ed?	NA		
Subcontr	act Laboratory				
-	mples required to get sent to a subcontract laboratory	?	No		
	subcontract laboratory specified by the client and if s		NA	Subcontract Lab	o: NA
	• • •				
Client In	<u>struction</u>				
1					
1					

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: 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

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
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
D	efinitions and Notes	28
С	hain of Custody etc.	29

Sample Summary

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
l	PO Box 247	Project Number:	01058-0007	Reported:
l	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

		2000070 01				
		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		99.7 %	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		90.8 %	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		67.0 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
11110115 8 3 121110 0010/ > 00 011						



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	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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		100 %	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		92.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	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		68.0 %	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

63 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		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	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

64 CS

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	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	Aı	nalyst: 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	Aı	nalyst: 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	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		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

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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	Ana	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	Ana	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		91.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	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

67 CS

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
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		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	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	Ar	nalyst: 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	Ar	nalyst: 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	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		103 %	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		91.1 %	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		85.1 %	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

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

		Reporting				
Analyte	Result	Limit	Dilution	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	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		72.7 %	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

CSW3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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		96.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	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		92.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	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		71.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	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

CSW4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY	<u> </u>	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	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		90.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	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		71.4 %	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

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	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		97.7 %	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		91.0 %	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		77.6 %	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

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	



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	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		98.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	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		89.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	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		78.3 %	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

CSW9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	· · · · · · · · · · · · · · · · · · ·



		QC SI	umm	ary Dat	a				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	(Diamond PWU 01058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:]	Tom 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	Analyzed: 06/09/23
Benzene	ND	0.0250					1		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			
LCS (2323060-BS1)							Prepared: 0	6/08/23 A	Analyzed: 06/09/23
Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130			
oluene	5.20	0.0250	5.00		104	70-130			
-Xylene	5.21	0.0250	5.00		104	70-130			
o,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	Analyzed: 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			
oluene	5.35	0.0250	5.00	ND	107	61-130			
-Xylene	5.35	0.0250	5.00	ND	107	63-131			
o,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	Analyzed: 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	
V-1	0.40	0.0500	10.0	ND	04.0	62 121	10.4	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

94.0

94.6

63-131

63-131

70-130

10.4

10.6

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.40

14.2

8.03

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	6/12/2023 3:48:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/12/2023 3:48:10PM
	Nor	nhalogenated	Organics	by EPA 80	15D - G	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 Ar	nalyzed: 06/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			
LCS (2323060-BS2)							Prepared: 0	6/08/23 Ar	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 Ar	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 Ar	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 Manage	r: To	m Bynum					6/12/2023 3:48:10PM
	Nonha	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 (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							
Surrogate: 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			
Surrogate: n-Nonane	30.5		50.0		61.0	50-200			
Matrix Spike (2323070-MS1)				Source:	Source: E306073-04			6/08/23 A	nalyzed: 06/09/23
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.2	38-132			
Surrogate: 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	
Surrogate: n-Nonane	31.3		50.0		62.6	50-200			

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	0	riamond PWU 1058-0007 om Bynum	22 1H	Reported: 6/12/2023 3:48:10PM				
Tiding 11, 77555 02 17		<u> </u>		300.0/9056 <i>A</i>	`				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	
Blank (2323065-BLK1)							Prepared: 0	6/09/23	Analyzed: 06/12/23
Chloride	ND	20.0							
LCS (2323065-BS1)							Prepared: 0	6/09/23	Analyzed: 06/12/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2323065-MS1)				Source:	E306073-0)1	Prepared: 0	6/09/23	Analyzed: 06/12/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2323065-MSD1)				Source:	E306073-0)1	Prepared: 0	6/09/23	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.



Z	
6	
ē	
9	
ĕ	
2	
to	
2	
20	
=-	
70	
•	
-	
~	
7	
707	
10/20	
10/202	
10/2024	
10/2024 3:	
10/2024 3:2	
10/2024 3:26:	

Project Information

Chain of Custody

7		10
Page /	of _	10

Client: F	Pima Env	ironmen	tal Sarvi	000	Final		Dill To			nul ber		1 11				3					
Project:	Diam	ond Pi	NU Z	7 14	/:	Attention:	Deyon		Lab WO#				Jse Only Job Number			10	lan	TA			rogram
	Manager:					Address:	707-11		Lab	201	007	3			<u>a</u> 27	发	2D	3D	Standard	CWA	SDWA
	5614 N.					City, State, Zip			L	ىد	101	_			d Metho		_				RCRA
	te, Zip Ho)	-7	Phone:					1		Allai	y 515 all	I	T	1		_	-	KCKA
	Phone: 580-748-1613 Email:						ıŋ	LS.						1				State	1		
Email:	tom@pir	naoil.cor	n				9 9 1					TX									
Report o	lue by:					Pima Project	# 1-C81-3		O by	0 by	802	3260	010	300		Z	¥		X	01 1/12	11/
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	ВСБОС		7.1	Remark	s
1:00	618	S.	1	61	CS			1								×					
1:05				62	CS			2								1					
1:10				63	CS			3								1					10-1
1:15				64	CS			4								1					
1:20				65	CS			5								1					
1:15				66	CS			6								1				V	
1:30				67	C2			7													
1:35	1	1	1	68	CS			8													
-				事								1				I					
																1	/	-			
Addition	al Instruc	tions:			B#	211455	98														
				icity of this sar may be ground			ith or intentionally mislabe impled by:	lling the sample	locatio	on,									eived on ice the da °C on subsequent		led or received
larin	ed by: (Signa	ne.	Date	18/23	Zoo	Received by:	(Signature)	Date (e-8)	13	Time /C	POL)	Rece	eived	on ice:		ab U	se Onl	У		
Relinquish		ture)	Date	823	Time 17/5	Received by:	(Signature)	Date 8.		Time	23	0	T1			T2	<i>.</i>		T3		
Relinquish	ed by: (Signa	nture)	Date 6	9-23	Time (6)	Received by:	(Signature)	Date / 0/9/	12	Time	ia)	AVG	Tem	°c 2	1					
0				queous, O - Ot			,,,	Container	Type				A 100 CO 100 CO			er gla	SS. V -	VOA			
Note: Sam	ples are disc	arded 30 da	ays after re	sults are rep	orted unles	s other arrangement	ts are made. Hazardou	s samples will	be ret	urned	to clie	ent or	dispo	sed of	at the clie	nt exi	ense.	The re	port for the a	alvsis of the	ahove
samples is	applicable o	nly to those	e samples r	eceived by th	ne laborato	ry with this COC. The	e liability of the laborato	ry is limited to	the a	moun	t paid	for o	n the r	report.						75.5 61 6116	



Client: Pima Environmental Services Project: Diamond (WU 22) H					ces	, Bill To	12.17		La	b Us	e On	ly		TAT				EPA Pr		Program	
Project: Diamond PWU 221 H Project Manager: Tom Bynum			WU Z	214	Attention: Devon			WO#	٦٥٦	12	Job 1	Number	_	1D 2D 3D Standard		dard	CWA				
Address: 5614 N. Lovington Hwy.				ton Hwy.		Address: City, State, Zip	ت	Lab W0# E30(4073				Analysis and Metho			d X					RCR	
City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613				M. 88240)	Phone:												A said			
	nail: tom@pimaoil.com			m		Email:			8015	-) A	o,					N	ALCO I	State UT A	7 TXT
eport d						Pima Project # 1-28 1-3		RO by	RO by	y 802	y 8260	6010	de 300		NM	¥		2	7		
Time Sampled		ate opled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос				Remark	s
:40	6	18	5	1	C SWI		9								X	a.					
:45					CSW	2	10								1						
:50					CSW	3	11														
:55					CSWI		12														
:00					CSW		13														
:05					CSWG		14	9													
2:10					CSW	7	15														
2:15		0.0	1.		CSW	8	16														
:20					CSW	19	17														
:25	,			1	CSW	10	18								1						
ddition	al In	struct	ions:			8#2114559								-	-			-1-			
(field samp	ler), a	ittest to lection i	the validity	and authent	icity of this sample. I a	m aware that tampering with or intentionally mislab		e locatio	n,				s requiring t								pled or receiv
elinquishe Lani I	d by	(Signa	ture)		/8/23 Time		Date Date	23	Time 14	100	7	Rece	ived on	ice:		b Us N	e Only	1		- n i	
elinquishe	ed by	(Signa	ture)	Date	Time	Received by: (Signature)	Date 6-8-	23	Time /	3		T1			T2			Т3			
elinquishe	d by	1	MVSS	Date		Received by: (Signature)	Date /0/9/	23	Time	a)		Temp °	L	f						
mple Matr	ix: S			/	queous, O - Other	our con	Containe	r Type				-					VOA				



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	6:00	Work Or	der ID:	E306073
Phone:	(575) 631-6977	Date Logged In:	06/08/23 15	5:41	Logged I	n By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/09/23 1	7:00 (0 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: <u>C</u>	<u>'ourier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>C4</u>	omment	s/Resolution
Sample T	urn Around Time (TAT)						AA 4771 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond	PWU	22 1H has been
Sample C	<u>ooler</u>				separated into 5 re	eports	due to high sample
7. Was a s	ample cooler received?		Yes		volume. Workord	ers are	e as follow:
8. If yes, v	was cooler received in good condition?		Yes				06072, E306073 &
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		•	1, 155	00072, E300073 &
	custody/security seals present?		No		E306074.		
	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 are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C			_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers')	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·	iers conceica.	105				
	field sample labels filled out with the minimum info	rmation.					
	ample ID?		Yes				
	ate/Time Collected?		Yes	ı			
Co	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does t	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	netals?	No				
Multipha	se Sample Matrix						
26. Does t	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				
Subcontr	act Laboratory						
-	mples required to get sent to a subcontract laborator	rv?	No				
	subcontract laboratory specified by the client and if	-		Subcontract Lab	· N Δ		
		so who.	1421	Subcontract Lab	. 11/4		
Client In	<u>struction</u>						

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: 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

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported:	
PO Box 247	Project Number:	01058-0007	Keporteu:
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				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/2	3 06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/2	3 06/09/23	
Toluene	ND	0.0250	1	06/08/2	3 06/09/23	
o-Xylene	ND	0.0250	1	06/08/2	3 06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/2	3 06/09/23	
Total Xylenes	ND	0.0250	1	06/08/2	3 06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	06/08/2	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	06/08/2	06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130	06/08/2	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/2	3 06/09/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	06/08/2	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	06/08/2	3 06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130	06/08/2	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ı	Analyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/2	3 06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/2	3 06/09/23	
Surrogate: n-Nonane		73.6 %	50-200	06/08/2	23 06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2323066
Chloride	ND	20.0	1	06/08/2	3 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

CSW12

E3060	74-02
-------	-------

		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	06/12/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/12/23	
Toluene	ND	0.0250		1	06/08/23	06/12/23	
o-Xylene	ND	0.0250		1	06/08/23	06/12/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/12/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/12/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/12/23	
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		Analyst:	: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/12/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130		06/08/23	06/12/23	
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 - 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		85.4 %	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	

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

E306074-03

		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		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



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

E3060	74-05
-------	-------

	· · ·	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		97.9 %	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	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		85.2 %	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

CSW16

E306074-0	0
-----------	---

		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	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		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	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		72.1 %	50-200	06/08/23	06/09/23	
1 I FID 4 200 0 100 F ()	mg/kg	mg/kg	A	analyst: RAS		Batch: 2323066
Anions by EPA 300.0/9056A	mg ng			,		



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	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		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		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		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: 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		71.4 %	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	



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	Dilı	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		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

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	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		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		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		Analyst	RAS		Batch: 2323066
Chloride	ND	20.0		1	06/08/23	06/09/23	



Nonhalogenated Organics by EPA 8015D - GRO

Batch: 2323061

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

CSW21 E306074-11

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: IY Batch: 2323061 Volatile Organic Compounds by EPA 8260B 06/08/23 06/09/23 ND 0.0250 Benzene 06/09/23 1 06/08/23 Ethylbenzene ND 0.0250ND 0.0250 06/08/23 06/09/23 Toluene 1 06/08/23 06/09/23 ND o-Xylene 0.0250ND 1 06/08/23 06/09/23 0.0500p,m-Xylene 06/09/23 06/08/23 1 Total Xylenes ND 0.025006/09/23 107 % 06/08/23 Surrogate: Bromofluorobenzene 70-130 06/08/23 06/09/23 Surrogate: 1,2-Dichloroethane-d4 102 % 70-130 06/08/23 Surrogate: Toluene-d8 103 % 70-130 06/09/23

mg/kg

Analyst: IY

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		Anal	yst: 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	

mg/kg

o a constant of the constant o						
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

CSW22

E306074-12

		Reporting					
Analyte	Result	Limit	Dil	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	



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

CSW23 E306074-13

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2323061 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 06/09/23 ND 0.0250 06/08/23 Benzene 1 06/08/23 06/09/23 Ethylbenzene ND 0.0250ND 0.0250 06/08/23 06/09/23 Toluene 1 06/08/23 06/09/23 o-Xylene ND 0.025006/08/23 06/09/23 ND 0.0500 p,m-Xylene 06/08/23 06/09/23 1 Total Xylenes ND 0.0250 06/08/23 06/09/23 Surrogate: Bromofluorobenzene 108 % 70-130 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 ND 1 06/08/23 06/09/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 06/08/23 06/09/23 70-130 101 % 06/08/23 06/09/23 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 06/08/23 06/09/23 102 % 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)

50.0

mg/kg

20.0

67.4 %

1

1

Analyst: RAS

50-200

06/08/23

06/08/23

06/08/23

06/09/23

06/09/23

06/09/23

Batch: 2323066

ND

mg/kg

ND

Surrogate: Toluene-d8

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 3:40:43PM Volatile Organic Compounds by EPA 8260B Analyst: IY Spike Source RPD Reporting Rec 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 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 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 70-130 2.15 2.50 86.0 0.0250 Ethylbenzene Toluene 2.20 0.0250 2.50 87.9 70-130 2.25 2.50 89.9 70-130 0.0250 o-Xylene 88.6 p,m-Xylene 4.43 5.00 70-130 0.0500 6.68 0.0250 7.50 89.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.2 70-130 0.474 0.500 94.7 70-130 Surrogate: 1,2-Dichloroethane-d4

Matrix Spike (2323061-MS1)				Source:	E306074-	02	Prepared: 06/08/23 Analyzed: 06/10/23
Benzene	2.25	0.0250	2.50	ND	90.1	48-131	
Ethylbenzene	2.28	0.0250	2.50	ND	91.2	45-135	
Toluene	2.32	0.0250	2.50	ND	92.8	48-130	
o-Xylene	2.40	0.0250	2.50	ND	96.1	43-135	
p,m-Xylene	4.70	0.0500	5.00	ND	93.9	43-135	
Total Xylenes	7.10	0.0250	7.50	ND	94.6	43-135	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130	
Surrogate: Toluene-d8	0.507		0.500		101	70-130	

0.500

0.509

70-130

Matrix Spike Dup (2323061-MSD1)				Source: E306074-02			Prepared: 0		
Benzene	2.20	0.0250	2.50	ND	88.0	48-131	2.38	23	
Ethylbenzene	2.22	0.0250	2.50	ND	88.6	45-135	2.89	27	
Toluene	2.26	0.0250	2.50	ND	90.4	48-130	2.69	24	
o-Xylene	2.31	0.0250	2.50	ND	92.5	43-135	3.78	27	
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135	3.22	27	
Total Xylenes	6.86	0.0250	7.50	ND	91.5	43-135	3.41	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

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 3:40:43PM

	Non		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 Anal	yzed: 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 Anal	yzed: 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 Anal	yzed: 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			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike Dup (2323061-MSD2)				Source: E306074-02			Prepared: 06/08/23 Analyzed: 06/10/23		
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	3.55	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	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	6/12/2023 3:40:43PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6	/12/2023 3:40:43PM	
Nonhalogenated Organics by EPA 8015D - 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 Ana	alyzed: 06/09/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	40.6		50.0		81.2	50-200				
LCS (2323071-BS1)							Prepared: 0	6/08/23 Ana	alyzed: 06/09/23	
Diesel 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 Ana	alyzed: 06/09/23	
Diesel 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 Ana	alyzed: 06/09/23	
Diesel 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:		oiamond PWU 1058-0007	22 1H				Re	ported:
Plains TX, 79355-0247		Project Manager:		om Bynum					6/12/2023	3 3:40:43PM
		Anions	by EPA	300.0/9056 <i>E</i>	1				Analys	t: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (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.



Z
\sim
6
~
ã
S
=
g
-
0
2
.8
AG.
=
Property
00
• •
h
-
5
2/1
2/10
9
9
0
0/20
0/202
0/20
0/2024
0/2024 3
0/2024 3:
0/2024 3:2
0/2024 3:26
0/2024 3:26:
0/2024 3:26:5
0/2024 3:26:
0/2024 3:26:51
0/2024 3:26:51 P
0/2024 3:26:51 I

Project Information

Chain of Custody

C	1	1
Page	of	0

Client: F	ima Env	ronmen	tal Servi	ces		Bill To				La	b Us	e On	ly	A STATE OF THE			TA	T	EPA P	rogram
	Damo Manager:			. I H	2000	ention: Devon		Lab WO# Job Number 6/05/8-0007					1D	2D	3D	Standard	CWA	SDWA		
	5614 N.				C2986011	Iress:		ES	DLO	01			The second second	0007	X					
	e, Zip H				0d 0	, State, Zip one:		-				Analy	sis ar	nd Metho	d	1				RCRA
	580-748-		VI. 00240															Page 1		
	tom@pir		n		Em		_	8015	8015				0		1			NIMAL CO.	State	LTVI
Report d					Pir	ma Project # 1-781-	3	O by	O by	8021	3260	010	300.0		Σ	*		X	UT AZ	IX
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		A	Remarks	I. L
7:30	618	5		CSU	111		1								X					
2:35	1			CS4) 17		2													
2:40				csw	13		3													
2:45				CSW	14		4								1					3,5-30-6
2:50				CSW	15		5													
2:55				CSW	16		6													
3:00				CSW	17		7													
3:05				CSW	18		8													
3:10				CSW 1	9		9													
3:15	1	1		CSW Z			10								1					Ar
Addition	al Instruc	tions:				B# 21146	5 98													
				icity of this sample. I a		hat tampering with or intentionally mislabel Sampled by:	ling the sample	locatio	on,									eived on ice the day °C on subsequent da		ed or received
Mas	ed by: (Signa	dame	Date	/8/23 Time 2	GO	Received by: (Signature) Welle Glu	Date 6-80	3	Time 14	900)	Rece	eived	on ice:		ab U	se Onl	у		
ellic	ed by: (Signa	en/5	Date	8-23 Time	15	Received by: (Signature)	Date 6		Timo			T1			T2			T3		
	ed by: (Signa		Date	9-23 O	100/	Received by: (Signature)	Date (0/9)	23	Time	α		AVG	Tem	p°C_	+					
				queous, O - Other	-		Containe	Type		_						ss. v -	VOA			
Note: Samp	oles are disc	arded 30 da	ays after re	sults are reported u	nless othe	er arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispos	sed of	at the clie	nt ext	ense.	The re	eport for the ana	lysis of the	above
amples is	applicable o	nly to those	samples n	eceived by the labo	ratory wit	h this COC. The liability of the laborator	v is limited to	the	moun	t naid f	for or	thor	oport			100		, sinc diffe	, sis or the	



4		
Projec	t Informati	on
Client	: Pima En	vir
Projec	t: Dam	M
Projec	t Manager	
Addre	ss: 5614 N	1.
	itate, Zip	
Phone	: 580-748	3-1
Email:	tom@p	m
	t due by:	

	chair of c	Custody												age Te)_of_[
ent: Pima Environmental Services	Bill To				Lab	Use	Only				TAT			EPA Progra		
ent: Pima Environmental Services oject: Diamond PWU 221H	Attention: De Von		Lab V	VO#	~	, 1	ob Nu		1D	2D	3D S	tanda	rd	CWA	SDWA	
oject Manager: Tom Bynum dress: 5614 N. Lovington Hwy.	Address: City, State, Zip		15	DO	501			s and Method	X			T			RCRA	
y, State, Zip Hobbs, NM, 88240	Phone:				T		naiysi	s and iviethor					-		KCKA	
one: 580-748-1613	Email:		15	15										State		
ail: tom@pimaoil.com			oy 80	94 80	21	0		0.0	N			NM	СО	UT AZ	TX	
port due by:	Pima Project # \-281-3		ORO E	NO b	ok 80	y 826	9 901	ge 30		¥		X				
ime Date Matrix No. of Containers Sample ID		Lab Iumber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	верос			1	Remarks	i	
20 80/8 5 CSWZ	.1	11							X							
20 8/8 S CSWZ 25 CSW 38 CSW	77	2							1							
PM	22															
30 - CSW	23	3														
				-	-	-	-				_	-				
		= 1														
				-	-	-	-					-				
		15.14														
		A							<u></u>					Washington .		
ditional Instructions:	B# 21145588					-						1				
eld sampler), attest to the validity and authenticity of this sample. I		he sample	locatio	n.		S	amples	requiring thermal p	reserva	tion must	be received	d on ice th	ne day the	ey are samp	led or receive	
or time of collection is considered fraud and may be grounds for leg		ine sumpre	TOCOTTO			р	acked in	n ice at an avg temp	above	0 but less	than 6 °C o	n subsequ	ent days			
inquished by: (Signature) Date lala Time	Received by: (Signature) Da	ate	2	Time					L	ab Use	Only			-	4	
	D Mialle Guy	0-80		_	FOD	F	Recei	ved on ice:	O)/ N						
inquished by: (Signature) Audull Curk (57) Time		-19-	13	Time / 8	330	5 1	Г1		<u>T2</u>			T3				
nquished by: (Signature) V Date Time	Received by: (Signature) Da	ate / /		Time	4			1	1							
ARDALW WASO 6-9-2301	00 Cate me	91912	5	100	W			Temp °C_7								
			T				1 1	stic, ag - amb	1		10.					



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:	:00	Work Order ID:	E306074
Phone:	(575) 631-6977	Date Logged In:	06/08/23 15:	:45	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:		:00 (0 day TAT)	3 8	
Chain of	Custody (COC)					
	the sample ID match the COC?		Yes			
	te sample 115 match the COC? te number of samples per sampling site location mate	ch the COC				
	amples dropped off by client or carrier?	on the coc	Yes Yes	G : 6		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: <u>C</u>	<u>ourier</u>	
	Il samples received within holding time?	ted analyses.	Yes			
3. Were as	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103		<u>Commen</u>	ts/Resolution
Sample T	urn Around Time (TAT)				Dayler Disassa I DW/I I	22 111 1 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU	
Sample C					separated into 5 reports	due to high sample
7. Was a s	sample cooler received?		Yes		volume. Workorders are	e as follow:
8. If yes,	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		15000/ 1 .	
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 are minutes of sampling		Yes			
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>			
Sample C	<u>Container</u>					
14. Are ac	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	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes			
	reservation		Yes			
	the COC or field labels indicate the samples were pro-	eserved?	No			
	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multiphas	:e?	No			
	does the COC specify which phase(s) is to be analy					
		zcu:	NA			
	act Laboratory	_				
	amples required to get sent to a subcontract laborator	-	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	ubcontract Lab	: NA	
Client In	<u>istruction</u>					

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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

		1000071 01					
Analyta	Result	Reporting Limit		ution	Prepared	Amalyzad	Notes
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		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

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: S	L		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	mg/kg	1	Analyst: S	L		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	М		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	ı	Analyst: R	AS		Batch: 2323063
Amons by E1A 300.0/7030A							



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

23 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		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	mg/kg		Analyst	: 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		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	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.7 %	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

24 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		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	l	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	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



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	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	P	Analyst: SL			Batch: 2323058
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		107 %	70-130	06/0	8/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/0	8/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL			Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/0	8/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/0	8/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	06/0	8/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/0	8/23	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	06/0	8/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	8/23	06/09/23	
Surrogate: n-Nonane		61.5 %	50-200	06/0	8/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	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	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		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	l	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
	ND	20.0			06/09/23	06/09/23	



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

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	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	·	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	<u> </u>	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 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

28 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		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	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	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 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

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	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	l	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	l	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	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		Analyst: S	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		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		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	<u> </u>	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		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

31 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	l	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	l	06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	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	l	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: S	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: 1	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		68.9 %	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

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	Diluti	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		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	A	nalyst: 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	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		69.3 %	50-200	06/08/23	06/09/23	
	/1	mg/kg	Δ	analyst: RAS		Batch: 2323063
Anions by EPA 300.0/9056A	mg/kg	mg/kg	23	maryst. 10 to		Batcii. 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

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	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		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	



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	Dilut	tion	Prepared	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		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	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		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	1	Analyst: KN	1		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	1	Analyst: RA	.S		Batch: 2323063
11110119 8 9 12111 0 0 0 10 7 9 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 3:57:47PM

38 CS

		200071 10					
	D. Iv	Reporting		<i>.</i> ·	D 1		N. A
Analyte	Result	Limit	Dıl	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		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		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	
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	<u> </u>



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

39 CS

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Sl	L		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	1	Analyst: Sl	L		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	1	Analyst: K	М		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	1	Analyst: R	AS		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

40 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		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
	ND	20.0		1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad
Project Name: Diamond PWU 22 1H
PO Box 247
Plains TX, 79355-0247
Project Number: 01058-0007
Project Manager: Tom Bynum

Volatile Organic Compounds by EPA 8260B

Analyst: SL

	V	olatile Organi	ic Compou	ınds by EI	PA 8260I	3			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323058-BLK1)							Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 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-BS1)							Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Benzene	2.26	0.0250	2.50		90.6	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.3	70-130			
Toluene	2.30	0.0250	2.50		92.1	70-130			
o-Xylene	2.39	0.0250	2.50		95.8	70-130			
p,m-Xylene	4.66	0.0500	5.00		93.2	70-130			
Total Xylenes	7.05	0.0250	7.50		94.0	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
							D 10	(100/02 4	
Matrix Spike (2323058-MS1)				Source:	E306071-	08	Prepared: 0	b/08/23 An	nalyzed: 06/09/23
* ` '	2.17	0.0250	2.50	Source:	E306071-0	48-131	Prepared: 0	b/U8/23 An	nalyzed: 06/09/23
Benzene	2.17 2.25	0.0250 0.0250	2.50 2.50				Prepared: 0	b/U8/23 An	nalyzed: 06/09/23
Matrix Spike (2323058-MS1) Benzene Ethylbenzene Toluene	2.25 2.21		2.50 2.50	ND ND ND	86.9 89.9 88.3	48-131 45-135 48-130	Prepared: 0	b/U8/23 An	nalyzed: 06/09/23
Benzene Ethylbenzene	2.25 2.21 2.33	0.0250	2.50 2.50 2.50	ND ND ND ND	86.9 89.9 88.3 93.1	48-131 45-135 48-130 43-135	Prepared: 0	b/U8/23 An	alyzed: 06/09/23
Benzene Ethylbenzene Foluene o-Xylene p,m-Xylene	2.25 2.21 2.33 4.54	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00	ND ND ND ND	86.9 89.9 88.3 93.1 90.7	48-131 45-135 48-130 43-135	Prepared: 0	b/08/23 An	alyzed: 06/09/23
Benzene Ethylbenzene Foluene o-Xylene p,m-Xylene	2.25 2.21 2.33	0.0250 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50	ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5	48-131 45-135 48-130 43-135 43-135	Prepared: 0	b/U8/23 An	nalyzed: 06/09/23
Benzene Ethylbenzene Toluene	2.25 2.21 2.33 4.54	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00	ND ND ND ND	86.9 89.9 88.3 93.1 90.7	48-131 45-135 48-130 43-135	Prepared: 0	b/U8/23 An	nalyzed: 06/09/23
Benzene Ethylbenzene Foluene p-Xylene p,m-Xylene Total Xylenes	2.25 2.21 2.33 4.54 6.86	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50	ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5	48-131 45-135 48-130 43-135 43-135	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	2.25 2.21 2.33 4.54 6.86 0.509	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50	ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5	48-131 45-135 48-130 43-135 43-135 43-135 70-130	Prepared: 0	6/08/23 An	nalyzed: 06/09/23
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene	2.25 2.21 2.33 4.54 6.86 0.509 0.488	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50 0.500	ND ND ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5	48-131 45-135 48-130 43-135 43-135 70-130 70-130	•		nalyzed: 06/09/23
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1)	2.25 2.21 2.33 4.54 6.86 0.509 0.488	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	2.50 2.50 2.50 5.00 7.50 0.500	ND ND ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4	48-131 45-135 48-130 43-135 43-135 70-130 70-130	•		
Benzene Ethylbenzene Toluene p-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND ND ND ND Source:	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-	48-131 45-135 48-130 43-135 43-135 43-135 70-130 70-130	Prepared: 0	6/08/23 An	
Benzene Ethylbenzene Ethylbenzene Foluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497	0.0250 0.0250 0.0250 0.0500 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-6	48-131 45-135 48-130 43-135 43-135 43-135 70-130 70-130 08	Prepared: 0	6/08/23 An	
Benzene Ethylbenzene Toluene p-Xylene p-,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene Ethylbenzene	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497	0.0250 0.0250 0.0250 0.0500 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND ND ND ND ND ND	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-0 89.1 92.4	48-131 45-135 48-130 43-135 43-135 43-135 70-130 70-130 08 48-131 45-135	Prepared: 0 2.45 2.74	6/08/23 An 23 27	
Benzene Ethylbenzene Toluene p-Xylene p-,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene Ethylbenzene Toluene	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497	0.0250 0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND ND ND ND ND ND ND ND ND ND N	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-0 89.1 92.4 90.9	48-131 45-135 48-130 43-135 43-135 70-130 70-130 08 48-131 45-135 48-130	Prepared: 0 2.45 2.74 2.93	6/08/23 An 23 27 24	
Benzene Ethylbenzene Toluene p-Xylene p-,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene Ethylbenzene Toluene p-Xylene	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497 2.23 2.31 2.27 2.38	0.0250 0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND ND ND ND ND ND ND ND ND ND ND N	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-1 89.1 92.4 90.9 95.1	48-131 45-135 48-130 43-135 43-135 70-130 70-130 08 48-131 45-135 48-130 43-135	Prepared: 0 2.45 2.74 2.93 2.15	6/08/23 An 23 27 24 27	
Benzene Ethylbenzene Toluene p-Xylene p-,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene Ethylbenzene Toluene p-Xylene p-,m-Xylene Total Xylenes	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497 2.23 2.31 2.27 2.38 4.64	0.0250 0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND ND ND ND ND ND ND ND ND ND ND N	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-1 89.1 92.4 90.9 95.1 92.7	48-131 45-135 48-130 43-135 43-135 70-130 70-130 88 48-131 45-135 48-130 43-135 43-135	Prepared: 0 2.45 2.74 2.93 2.15 2.19	6/08/23 An 23 27 24 27 27	
Benzene Ethylbenzene Toluene p-Xylene p,nn-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2323058-MSD1) Benzene Ethylbenzene Toluene p-Xylene p,m-Xylene	2.25 2.21 2.33 4.54 6.86 0.509 0.488 0.497 2.23 2.31 2.27 2.38 4.64 7.02	0.0250 0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND ND ND ND ND ND ND ND ND ND ND N	86.9 89.9 88.3 93.1 90.7 91.5 102 97.5 99.4 E306071-1 89.1 92.4 90.9 95.1 92.7 93.5	48-131 45-135 48-130 43-135 43-135 70-130 70-130 98 48-131 45-135 48-130 43-135 43-135 43-135	Prepared: 0 2.45 2.74 2.93 2.15 2.19	6/08/23 An 23 27 24 27 27	

Surrogate: Toluene-d8

QC Summary Data

Diamond PWU 22 1H Project Name: Pima Environmental Services-Carlsbad Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/12/2023 3:57:47PM

M. J. J	^ · · · · · · · · · · · · · · · · · · ·	L EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	80151) -	CTKO

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323058-BLK1)							Prepared: 0	6/08/23 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: 06/08/23 Analyzed: 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	

0.500

0.513

70-130

103

Matrix Spike Dup (2323058-MSD2)	Source:	E306071-0	08	Prepared: 06/08/23 Analyzed: 06/09/2				
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 Manage	r: To	m Bynum					6/12/2023 3:57:47PN					
	Nonhalogenated Organics by EPA 8015D - 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 Aı	nalyzed: 06/09/23					
Diesel Range Organics (C10-C28)	ND	25.0												
Dil 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 Aı	nalyzed: 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 Aı	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 Aı	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:		Diamond PWU 1058-0007	22 1H				Rep	orted:
Plains TX, 79355-0247		Project Manager:	T	om Bynum					6/12/2023	3:57:47PM
		Anions	by EPA	300.0/9056 <i>A</i>	١				Analyst	: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2323063-BLK1)							Prepared: 0	6/09/23	Analyzed: (06/09/23
Chloride	ND	20.0								
LCS (2323063-BS1)							Prepared: 0	6/09/23	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	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	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.



m)																					
Client: Pima Env Project: Vicino	ronmen	tal Servi	ces	Attention: Peyon						Jse Only					TAT					rogram	
Project Manager:	Tom By	num	111	Attention: Ve Von Address:		Lab	WO#	0# Job Number 0071 0058-006				1D		3D	Stan	dard	CWA	SD)WA		
Address: 5614 N	Lovingt	on Hwy.		City, State, Zip		Lu	VUV.	UI			sis and		K						R	CRA	
City, State, Zip H		A. 88240)	Phone:																	
hone: 580-748 mail: tom@pir		n		Email:		3015	3015										11 00	State		_	
Report due by:				Pima Project # 👂 1-7	81-5	O by	yq C	8021	260	010	300.0		Σ	¥		N		UT A	2 1X	-	
Time Date Sampled 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		ВСБОС	верос		İ	• 1	Remark	ks		
1:40 618	5	1	21		1								X								
1:45		1	22		2																
7:50			23		3																
7:55			74	~	4																
0:00			25		5																
8:05			26		6																
0:10			27		7																
6:15			28		5																
0:20			29		9																
0:25		1	30		10								1								
Additional Instruc				B#21145598																	
ate or time of collection	is considered	I fraud and m		I am aware that tampering with or intentionally mi egal action. <u>Sampled by:</u>	islabelling the samp						s requiring in ice at an							hey are sam	pled or re	ceived	
elinquished by: (Signa	ture) Adam	u lo	18/23 Time	Received by: (Signature)	Date (p-8	23	Time	for)	Rece	ived or	ice:	Li	ab Us V N	e Only						
delinquished by: (Signa	ture)	Date	Time	Received by: (Signature)	Date	-23	Time	83		T1	STATE OF		T2			_ <u>T3</u>					
elinquished by: (Signal	nos.	Date ()-	9-23 G	Received by: (S)gnature)	Date 191	23	Time	a		AVG	Temp '	· C	,	N . A		_	1111				
ample Matrix: S - Soil, So			queous, O - Other _	unless other arrangements are made. Haza	Contain	er Type	: g - g	lass,	p - pc	lq/ylc	astic. ag	- ambe	er glas	s, v -	VOA	-1-1-11					



Client: P	ima Env	ironmen	tal Servi	ces	D Bill To	49-1		1203	La	b U	se Or	nly				TA	T		EPA P	rogram
			727 t	£	Attention: Devon		Lab	WO#	+	140	Job	Num		1D	2D	3D	Stan	dard	CWA	SDWA
		Tom By	on Hwy.		Address:		E e	∞	00		1010	228-	0007	IV						
			M. 88240		City, State, Zip Phone:			_	_		Analy	/sis ar	d Metho	d	_					RCRA
Phone: {			VI. 002-40		Email:		LO.	8											State	
		naoil.cor	n			-9	801	801				0				1 1	N	MICOL	UT AZ	TXI
Report d	ue by:				Pima Project # 1-281-	-)	0 by	O by	802	3260	010	300		S	¥	1 1	λ		OT AL	1.
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC		7		Remarks	
10:30	6/8	5	1	31 65		11								X						
10:35	1		1	32 cs		12								1						
10:40				33 C5		13								T						
10:45				34 c5		14								1		П				
10:50				35 cs		15								\parallel						
10:55				36 cs		10								1						
11:00				37 CS		17								1						
11:05				38 cs		18								1						
11:10				39 (5		19														
11:15	1	1		40 CS		20								1						
Addition		100000			BH 21145598															
, (field samp date or time	er), attest to of collection	the validity is considered	and authent d fraud and n	nay be grounds for lega	m aware that tampering with or intentionally misla of action. <u>Sampled by:</u>	belling the sample	locati	on,					ing thermal p							ed or received
Relinquishe	ne A	tame	Date	18/23 Time 2	Received by: (Signature)	Date 6-8.	13	Time	400)	Rece	eived	on ice:	L	ab Us	se Onl	У			
Relinquishe	d by: (Sign	eture)	Date (p	-82) Time	Received by: (Signature)	Date G-8-	23	Time	33	2	T1			() T2	,		<u>T3</u>	1		
Relinquishe	1	MUSS	Date 6	-9-23 Oli	Received by: Signature) Out the Ween	Date 9/1	3	Time	ϖ		AVG	Tem	n°C 4	4						
	x: S - Soil, So	d - Solid, Sg -	Sludge, A - A	queous, O - Other		Containe	г Туре	: g - p	glass,	p - p	oly/pl	astic,	ag - amb	er gla	ss, v -	VOA				
Note: Samp	les are disc	arded 30 d	ays after re	sults are reported un	less other arrangements are made. Hazardo	ous samples will	be ret	turned	to clie	ent or	dispo	sed of	at the clie	nt exp	ense.	The re	port for	r the anal	ysis of the	above
samples is a	pplicable c	only to those	e samples r	eceived by the labor	atory with this COC. The liability of the labora	atory is limited to	the a	moun	t paid	foro	n the i	report.								



envirotech Inc.

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 06:	00	Work Order II	D: E306071
Phone: (575) 631-6977	Date Logged In:	06/08/23 15:	34	Logged In By:	Caitlin Mars
Email: tom@pimaoil.com	Due Date:	06/09/23 17:	:00 (0 day TAT)	<i>.</i>	
Chain of Custody (COC)					
1. Does the sample ID match the COC?	1.4.606	Yes			
2. Does the number of samples per sampling site loca	ition match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>	
4. Was the COC complete, i.e., signatures, dates/time	s, requested analyses?	Yes			
 Were all samples received within holding time? Note: Analysis, such as pH which should be co- i.e, 15 minute hold time, are not included in this 	•	Yes	_	<u>Comm</u>	ents/Resolution
Sample Turn Around Time (TAT)				D ' / D' 1 DW	1100 1111 1
6. Did the COC indicate standard TAT, or Expedited	TAT?	Yes		Project Diamond PW	
Sample Cooler				separated into 5 repor	ts 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, E	E306072, E306073 &
9. Was the 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			
12. Was the sample received on ice? If yes, the recorded ten Note: Thermal preservation is not required, if so minutes of sampling 13. If no visible ice, record the temperature. Actua	amples are received w/i 15	Yes C			
Sample Container	· · · —				
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized or 1	less)?	NA			
17. Was a trip blank (TB) included for VOC analyses		NA			
18. Are non-VOC samples collected in the correct co		Yes			
19. Is the appropriate volume/weight or number of samp		Yes			
Field Label					
20. Were field sample labels filled out with the minim	num information:				
Sample ID?		Yes			
Date/Time Collected?		Yes			
Collectors name?		Yes			
Sample Preservation	10				
21. Does the COC or field labels indicate the sample:	s were preserved?	No			
22. Are sample(s) correctly preserved?	1 1 (10	NA			
24. Is lab filteration required and/or requested for dis	solved metals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., i	=	No			
27. If yes, does the COC specify which phase(s) is to	be analyzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract	laboratory?	No			
29. Was a subcontract laboratory specified by the clie	ent and if so who?	NA S	ubcontract Lab	: NA	
Client Instruction					
					u u

Date

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

Pro	ject	Infor	mati	on
-----	------	-------	------	----

Chain of Custody

- 7	7	11
Page _	of	10

Received by OCD: 11/26/2024 9:24:46 AM

Page 489 of 571

Client: P	ima	Fnv	ironm	enta	Servi	res	-	HERRI			Bill To			Literature 1	desired.		Land					-	-		-			
Project:	177	com	nd	พัน	27	14	•	A	ttention:	Per	/an			126	WO#			Job I		har -		1D	ו מכו	3D		andard	_	rogram
Project N								ATTENDED TO STATE OF THE PARTY	ddress:					F2	sole	רח				000		x	20	טט	31	anuaru	CWA	SDWA
Address:	56	14 N	Lovir	igtor	n Hwy.			c	ity, State,	Zip					NO.	U			-	nd Met	_	K			-	His substree		RCRA
City, Stat	e, Z	ip H	obbs.	NM.	88240)		STATE OF THE PARTY	hone:									Andry	313 GI	T	T							NCNA
Phone:						F		E	mail:				-6	5	2												State	
Email:	tom	@pir	naoil.c	com							8	1 201	7	80,1	801	-			0							NMI CO	UT AZ	TY
Report d	ue b	oy:						Real P	Pima Pro	ject #	B	1-181	->	O by	O by	802	3260	010	300			MM	*			x	OI AL	1A
Time Sampled	100	Date mpled	Matri	x	No. of Containers	Sample	ID	8 8			ŧ		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	:		BGDOC	BGDOC	t			Remarks	
9:40	6	18	5		1	21	CS	Ś					1									X				Ada	1 (5
9:45					1	22	CS	3					2													to 5	anır	DX
9:50	-					23	CS	3					3													Nam	15	or
9:55						74	CS	3	. 5				4													Cha	A.	
10:00						25	CS	5					5													10191		M
10:05						26	CS	5					6													0,11		
10:10						27	CS	ذ		÷ .			7															
16:15						78	CS	5					\$															
10:20						29	CS	3	-		-		9															
10:25	_	1	1		\	30	CS	>	Ħ				10														2.1	
Addition									8	#21	1145	598	1															
date or time	of co	ollection	is consid						n.	Sample	led by:	nally mislabell	ing the sample	locatio	on,											on ice the day the subsequent day		d or received
	in	ne	Ada	m	L Co	18/23	Time	00	Mile	d by: (Sign	Cou	vela	G-80	C	Time	foo)	Rece	ived	on ice	e:	A PARTY AND	b Use Y N	e Onl	у			
Relinquish	109	LE	den f	_	Date	8-23	Time	715	M	d by: (Sign	M	U.	G-G-	-23	Time	83		T1				12				T3		
Relinquish			nc2	So	Date	-9-2	Time 3 G	lan	Receive	d by: (S)B!	mature	-	16/9/2		Time (0:			AVG	Tem	p°C	4							
Sample Mat	rix: S	- Soil, S	d - Solid,	Sg - Slu	udge, A - A	queous, O	Other_			-			Containe	r Type	: g - g	lass.	p - pc	ly/pl	astic.	ag - ar	mber	plas	5 V - 1	VOA	-15-60	The second second second		ENGLES OF
Note: Sam	Sample Matrix: S - Soil, Sq - Soild, Sq - Sludge, A - Aqueous, O - Other																											
samples is	appl	icable	only to the	nose s	samples r	received by	y the lab	oratory	with this CO	C. The lia	ability of t	the laborator	y is limited to	the a	mount	t paid	for or	the r	eport.						Port	To the offar	jaia of tite a	DUVE

envirotech

Chain of Custody

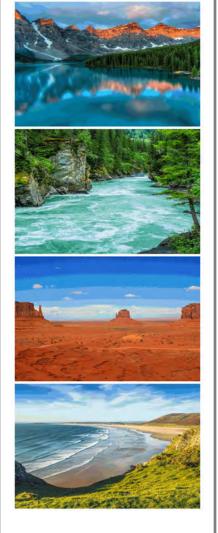
Page 4 of 10

Received by OCD: 11/26/2024 9:24:46 AM

ěř.	-																			
Client: P	ima Env	ironment	tal Service	es	D Bill To				La	b Us	e On	ly		Г	7	TA	AT.		FPA P	rogram
Project:					Attention: Devon	1	Lab	W0#			Job 1	lumb		1D	2D	3D		ndard	CWA	5DWA
Project N Address:					Address:	- California de la Cali	E	30U	100	1	010	28-	2007	X				1		
			1. 88240		City, State, Zip Phone:	-					Analy	sis an	d Method	1						RCRA
Phone: 5			1. 00240		Email:															
Email: t			n			-	8015	3015									1		State	
Report di				630	Pima Project # 1-281-3		by	by 8	021	260	8	0000		NN	¥		-	NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC T	ATT.		X	Remarks	
10:30	6/8	5	1	31 ES		11	3	G	æ	>	2	0		X	E E					
10:35	1			32 cs		12								1						
10:40				33 CS		13												-		
10:45				34 CS		14														
10:50				35 cs		15													***************************************	
10:55				36 cs		10														
11:00				37 CS		17														
11:05				38 cs		18												*		
11:10				39 CS		19												The second second		
11:15	1			40 CS		20								1						
Addition					BH 21145598														*	
date or time	of collection	is considered	I fraud and m	city of this sample. I am a ay be grounds for legal ac		ng the sample	locatio	in,			Samples packed i	requirir n ice at:	g thermal pr an avg temp	eservat above 0	on mus	t be rece s than 6	°C on su	ice the day the bsequent days	ey are sample	d or received
leri	me A	tome	Gate G	18/23 201	- unional curve	(0-8.0		Time	100)	Recei	ved o	on ice:	Li Y	b Us	e Onl	у			
Relinquishe WWCU	lle &	Len val	-	8-2) Time	Received by: (Signature)	Date G-8-	23	Time	30		Т1			T)				3		
Relinquishe	1	MUSS	D G-	9-23 0100	Received by Signature	Date 19/2	3	Time Oil	D		AVG	Temr	or L	4						
	ix: S - Soil, So	- Solid, Sg - S	Sludge, A - Aq	queous, O - Other		Container	Type	g - gl	lass, p	- 00	ly/pla	ctic a	a - amba	rglas	s. v - 1	VOA		Mary Street Street	To September 1	
Note: Samp	oles are disc	arded 30 da	ays after res	ults are reported unles	s other arrangements are made. Hazardous :	samples will	he reti	irned t	to clier	nt or	disnos	ed of a	t the clier	it expe	ense.	The re	port f	or the analy	sis of the a	bove
samples is	applicable c	nly to those	e samples re	ceived by the laborato	ry with this COC. The liability of the laboratory	is limited to	the ar	mount	paid f	or on	the re	port.								



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

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	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	Donoutoda	ı
l	PO Box 247	Project Number:	01058-0007	Reported:	ı
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/14/23 14:48	ĺ

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

		E300073-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2324016
Benzene	ND	0.0250	1	06/13/23	06/13/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/13/23	
Toluene	ND	0.0250	1	06/13/23	06/13/23	
o-Xylene	ND	0.0250	1	06/13/23	06/13/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/13/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/13/23	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	06/13/23	06/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2324016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/13/23	06/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2324015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/23	06/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/23	06/13/23	
Surrogate: n-Nonane		68.5 %	50-200	06/13/23	06/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2324017
Chloride	ND	20.0	1	06/13/23	06/13/23	



		QC SI	umm	ary Dat	a				
Pima Environmental Services-Carlsbace PO Box 247	d	Project Name: Project Number:	C	Diamond PWU 01058-0007	722 1H				Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					6/14/2023 2:48:00PM
		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 (2324016-BLK1)							Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Benzene	ND	0.0250					1		
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			
LCS (2324016-BS1)							Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Benzene	4.79	0.0250	5.00		95.8	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Coluene	4.89	0.0250	5.00		97.9	70-130			
-Xylene	4.86	0.0250	5.00		97.1	70-130			
o,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			
Matrix Spike (2324016-MS1)				Source:	E306095-	01	Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Benzene	4.63	0.0250	5.00	ND	92.7	54-133			
Ethylbenzene	4.58	0.0250	5.00	ND	91.7	61-133			
Toluene	4.73	0.0250	5.00	ND	94.6	61-130			
-Xylene	4.72	0.0250	5.00	ND	94.4	63-131			
o,m-Xylene	9.34	0.0500	10.0	ND	93.4	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			
Matrix Spike Dup (2324016-MSD1)				Source:	E306095-	01	Prepared: 0	6/13/23 A	Analyzed: 06/13/23
Benzene	4.85	0.0250	5.00	ND	96.9	54-133	4.50	20	
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	61-133	4.98	20	
Toluene	4.97	0.0250	5.00	ND	99.3	61-130	4.86	20	
o-Xylene	4.95	0.0250	5.00	ND	98.9	63-131	4.61	20	
·	0.91	0.0500	10.0	ND	09.1	62 121	1 97	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

98.1

98.4

93.9

63-131

63-131

70-130

4.87

4.78

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.81

14.8

7.51

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
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit	Nata
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%0	%	Notes
Blank (2324016-BLK1)							Prepared: 0	6/13/23 An	alyzed: 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 An	alyzed: 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:	E306095-0	01	Prepared: 0	6/13/23 An	alyzed: 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:	E306095-0	01	Prepared: 0	6/13/23 An	alyzed: 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				
Nonhalogenated Organics by EPA 8015D - 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-Carlsbace PO Box 247	d	Project Name: Project Number:	nber: 01058-0007						Reported:
Plains TX, 79355-0247		Project Manager: Anions		om Bynum 300.0/9056	A				6/14/2023 2:48:00PM 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 A	nalyzed: 06/13/23
Chloride	ND	20.0							
LCS (2324017-BS1)							Prepared: 0	6/13/23 A	nalyzed: 06/13/23
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2324017-MS1)				Source:	E306095-	01	Prepared: 0	6/13/23 A	nalyzed: 06/13/23
Chloride	248	20.0	250	ND	99.3	80-120			
Matrix Spike Dup (2324017-MSD1)				Source:	E306095-	01	Prepared: 0	6/13/23 A	nalyzed: 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

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	06/14/23 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.



Chain of Custody

,	1
Page	of

Client: Pima Environmental Services Bill To				La	ab Us	se On	ly				TAT		EPA Pi	ogram
Project: Diamond PWU 22 H Attention: Vevon		Lab	WO#	TY.	-	Job 1	Numl	oer	1D	2D	3D	Standard	CWA	SDWA
	Attention: Yev(n) Address: Lab WO# E300091					Analysis and Method								RCRA
Address: 5614 N. Lovington Hwy. City, State, Zip Phone:	-	-	_			Anaiy	sis an	id Metho	a T			-		KCKA
Phone: 580-748-1613 Email:		15	5									-	State	
tom@nimesil.com		y 80:	y 8015	17	0		0.0		5			NM CO	UT AZ	TX
Report due by: Pima Project # 1-281-3		RO b	RO b	y 802	826	6010	le 30		N N	¥		X		
Time Date 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		BGDOC	BGDOC			Remarks	
9:00 6/8 5 1 55/4	1								X					
								Í						
)								,					
Additional Instructions: B#211455	98													
, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabellindate or time of collection is considered fraud and may be grounds for legal action. Sampled by:	ng the sample	e locati	on,					-				ived on ice the day 'C on subsequent da		ed or received
Relinquished by: (Signature) Date Colta 23 Time Received by: (Signature) Willle Ellipsel	Date 6-2-	23	Time	430)	Rece	eived	on ice:		ab U	se Only	У		
Relinquished by: (Signature) Date (0-12-27 1730 Received by: (Signature) Muchilla Lincoln Michael M	Date 6-12	-72	Time	730	2	T1			T2			<u>T3</u>		
Relinquished by: (Signature) Date	O/3/	23	Time 7	:30	_	AVG	Tem	ıp °C	4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Containe				p - p	oly/pl	astic,	ag - amb	er gla					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous s									ent exp	oense.	The re	port for the an	alysis of the	above



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 0	7:30		Work Order ID:	E306095
Phone:	(575) 631-6977	Date Logged In:	06/12/23 1	6:41		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:		7:00 (0 day TAT)		,	
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: <u>C</u>	ourier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	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 disucssi	•	Yes			<u>Comments</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			Voc				
	sample cooler received? was cooler received in good condition?		Yes				
• •	<u> </u>		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				
	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	e received w/i 15	Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</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	ners collected?	Yes				
Field Lab 20. Were:	o <u>el</u> field sample labels filled out with the minimum info	ormation:					
Sa	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation	10					
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	4-1-9	NA				
	filteration required and/or requested for dissolved n	netais?	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				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</u>						
				<u> </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: 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	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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

		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		97.8 %	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	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	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		108 %	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

CW1-1' E410009-02

		2.10007 02				
Austra	Dk	Reporting Limit	Dilu	dian Dur		N
Analyte	Result	Limit	Dilu	tion Prepared	d 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		97.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	4 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	1	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	4 10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	4 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	4 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	ition	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: E	BA		Batch: 2440077	
Benzene	ND	0.0250	1	l	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	l	10/02/24	10/03/24		
Total Xylenes	ND	0.0250	1	l	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: E	BA		Batch: 2440077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: 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	[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: Γ	DT		Batch: 2440081	
Chloride	ND	20.0	1		10/03/24	10/03/24		



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	10/3/2024 3:42:08PM

CW3-6' E410009-05

		E-110007-03				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Analyte	Result	Limit	ווווו	non riepared	Ananyzed	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		97.1 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	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	I	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		97.1 %	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	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		103 %	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

CS3-6'

E410009-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	ВА		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	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	l	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	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 - GRO	mg/kg	mg/kg		Analyst: I	ВА		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	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	l	10/02/24	10/03/24	
Surrogate: n-Nonane		110 %	50-200		10/02/24	10/03/24	
	mg/kg	mg/kg		Analyst: I	OT		Batch: 2440081
Anions by EPA 300.0/9056A	mg/ng	<u>6</u> 6					



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 Prepa	red 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	
o,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		97.2 %	70-130	10/02	/24 10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	10/02	/24 10/03/24	
Surrogate: Toluene-d8		98.7 %	70-130	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	10/02	/24 10/03/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	10/02	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	10/02	/24 10/03/24	
Surrogate: Toluene-d8		98.7 %	70-130	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	10/02	/24 10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	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
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

CW5-6'

		E410009-08					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	ВА		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	l	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	l	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		Analyst: I	ВА		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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		Analyst: 1	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	[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		Analyst: I	OT		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

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	



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	10/3/2024 3:42:08PM

CW6-10' E410009-10

		2.10007 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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		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		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

		E410007-11					
Anglyto	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Liinit	Dilu	HIOH	rrepareu	Anaryzed	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	[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	l	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	l	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	l	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	



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	10/3/2024 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					
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	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2440077
Benzene	ND	0.0250	1	l	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	l	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	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 - GRO	mg/kg	mg/kg		Analyst: B	A		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: N	V		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	l	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	1		Batch: 2440081
-							

20.0

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

20.0

1

10/03/24

10/03/24

635



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

CW11-9' E410009-16

		E-10007-10					
Analyte	Result	Reporting Limit	Dilu	tion Prep	ared	Analyzed	Notes
Allaryte		Limit			arcu	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA			Batch: 2440077
Benzene	ND	0.0250	1	10/0	2/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/0	2/24	10/03/24	
Toluene	ND	0.0250	1	10/0	2/24	10/03/24	
o-Xylene	ND	0.0250	1	10/0	2/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/0	2/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/0	2/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/0	2/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/0	2/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130	10/0	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	10/0	2/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/0	2/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/0	2/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130	10/0	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)	59.5	25.0	1	10/0	2/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/0	2/24	10/03/24	
Surrogate: n-Nonane		99.9 %	50-200	10/0	2/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM			Batch: 2440081
Chloride	250	20.0	1	10/0	3/24	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	
	mg/kg	mg/kg	Α	Analyst: JM		Batch: 2440081
Anions by EPA 300.0/9056A	mg/kg	mg ng		,		Batem 2 : 10001



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' E410009-18

		1110007 10				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	ed Analyzed	Notes
				1	7 Hary Zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2440077
Benzene	ND	0.0250	1	10/02/2	10/03/24	
Ethylbenzene	ND	0.0250	1	10/02/2	10/03/24	
Toluene	ND	0.0250	1	10/02/2	10/03/24	
o-Xylene	ND	0.0250	1	10/02/2	10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/2	10/03/24	
Total Xylenes	ND	0.0250	1	10/02/2	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130	10/02/2	24 10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/02/2	10/03/24	
Surrogate: Toluene-d8		95.7 %	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	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130	10/02/2	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/02/2	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130	10/02/2	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	25.2	25.0	1	10/02/2	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/2	10/03/24	
Surrogate: n-Nonane		99.4 %	50-200	10/02/2	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	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

CS7-2'

E4	10	00	9-1	9

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	ВА		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: I	ВА		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: 1	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	l	10/02/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200		10/02/24	10/03/24	
	mg/kg	mg/kg		Analyst: J	ΙΜ		Batch: 2440081
Anions by EPA 300.0/9056A	mg/kg	mg/kg					Buten: 2 : 10001



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	



QC Summary Data

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

Result	Plains TX, 79355-0247		Project Manage		om Bynum				10/	3/2024 3:42:08PM
Result Limit Level Result Rec Limits RPD Limit Limit Rec Limits RPD Limit Rec Rec Result Rec		V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: BA
Prepared: 10/02/24 Analyzed:	Analyte		Limit	Level	Result		Limits		Limit	
Benzene ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Ethylbenzene ND 0.0250	Blank (2440077-BLK1)							Prepared: 10	0/02/24 Anal	yzed: 10/02/24
Toliuee ND 0.0250 6-Xylene ND 0.0250 100 0.0250 101 0.0250 102 0.0250 103 0.0250 104 0.0250 105 0.0	Benzene	ND	0.0250							
0-Xylene ND 0.0250	Ethylbenzene		0.0250							
ND 0.0500 ND 0.0250	Toluene		0.0250							
ND	o-Xylene		0.0250							
Surrogate: Bromofluorobenzene 0.488 0.500 97.6 70-130	p,m-Xylene									
National Control Con	Total Xylenes	ND	0.0250							
Compare Tolunne-d8	Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Prepared: 10/02/24 Analyzed:	Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
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 Convergence 2.49 0.0250 2.50 99.5 70-130 Convergence 2.49 0.0250 2.50 99.5 70-130 Convergence 2.49 0.0250 2.50 99.6 70-130 Convergence 2.49 0.0250 7.50 99.6 70-130 Convergence 2.49 0.0250 7.50 99.6 70-130 Convergence 2.49 0.0250 7.50 99.6 70-130 Convergence 2.49 0.500 0.500 102 70-130 Convergence 2.49 0.0250 0.500 101 70-130 Convergence 2.49 0.0250 2.50 99.4 70-130 Convergence 2.49 0.0250 2.50 99.4 70-130 Convergence 2.40 0.0250 2.50 99.4 70-130 4.44 27 Convergence 2.40 0.0250 2.50 99.4 70-130 3.00 24 Convergence 2.40 0.0250 2.50 99.4 70-130 3.94 27 Convergence 3.18 0.0500 5.00 104 70-130 3.94 27 Convergence 3.18 0.0500 5.00 104 70-130 4.17 27 Convergence 3.18 0.0500 5.00 104 70-130 4.17 27 Convergence 3.18 0.0500 5.00 3.50 3	Surrogate: Toluene-d8	0.508		0.500		102	70-130			
Ethylbenzene 2.38 0.0250 2.50 95.1 70-130	LCS (2440077-BS1)							Prepared: 10	0/02/24 Anal	yzed: 10/02/24
Totuene 2.32 0.0250 2.50 92.7 70-130 0-Xylene 2.49 0.0250 2.50 99.5 70-130 0-Xylene 2.49 0.0250 2.50 99.5 70-130 0-Xylene 2.49 0.0250 5.00 99.6 70-130 0-Xylene 2.49 0.0250 7.50 99.6 70-130 0-Xylene 7.47 0.0250 7.50 99.6 70-130 0-Xylene 7.47 0.0250 7.50 99.6 70-130 0-Xylene 8.0479 0.500 95.8 70-130 0-Xylene 7.47 0.500 95.8 70-130 0-Xylene 7.47 0.500 95.8 70-130 0-Xylene 7.47 0.500 102 70-130 0-Xylene 7.48 0.501 0.500 102 70-130 0-Xylene-d8 0.503 0.500 101 70-130 0-Xylene 7.500 0-Xylene 1.2- 0.500 101 70-130 1.22 23 0-Xylene 1.2- 0.500 101 0-Xylene 7.50 99.4 70-130 1.22 23 0-Xylene 1.2- 0.500 99.4 70-130 1.2- 0.500 101 0-Xylene 7.500 99.4 70-130 1.2- 0.500 0-Xylene 1.518 0.0500 1.500 104 70-130 104 70-13	Benzene	2.28	0.0250	2.50		91.4	70-130			
2.49 0.0250 2.50 99.5 70-130 99.6 99.6	Ethylbenzene	2.38	0.0250	2.50		95.1	70-130			
Description of the property	Toluene	2.32	0.0250	2.50		92.7	70-130			
Total Xylenes 7.47 0.0250 7.50 99.6 70-130	o-Xylene	2.49	0.0250	2.50		99.5	70-130			
Surrogate: Bromofluorobenzene 0.479 0.500 95.8 70-130	p,m-Xylene	4.98	0.0500	5.00		99.6	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) 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 96.1 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	Total Xylenes	7.47	0.0250	7.50		99.6	70-130			
CCS Dup (2440077-BSD1) Prepared: 10/02/24 Analyzed: 10/02/24 Ana	Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Prepared: 10/02/24 Analyzed:	Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
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 70-130 70-130	Surrogate: Toluene-d8	0.503		0.500		101	70-130			
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 70-130 70-130	LCS Dup (2440077-BSD1)							Prepared: 10	0/02/24 Anal	yzed: 10/02/24
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 70-130 70-130	Benzene	2.31	0.0250	2.50		92.5	70-130	1.22	23	
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 70-130										
0-Xylene 2.61 0.0250 2.50 104 70-130 4.65 27 0.007.Xylene 5.18 0.0500 5.00 104 70-130 3.94 27 0.007.Xylene 7.79 0.0250 7.50 104 70-130 4.17 27 0.007.Surrogate: Bromofluorobenzene 0.488 0.500 97.5 70-130	•	2.40				96.1	70-130	3.60	24	
p.mXylene 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		2.61		2.50		104	70-130	4.65	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	•	5.18	0.0500	5.00		104	70-130	3.94	27	
•		7.79	0.0250	7.50		104	70-130	4.17	27	
Surrogate: 1,2-Dichloroethane-d4 0.516 0.500 103 70-130	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

QC Summary Data

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

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2440077-BLK1)						F	Prepared: 10	0/02/24 Anal	yzed: 10/02/24

Blank (2440077-BLK1)						Prepared: 10	0/02/24 An	alyzed: 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	0/02/24 An	alyzed: 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	0/02/24 An	alyzed: 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			



QC Summary Data

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: To	m Bynum				1	.0/3/2024 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 An	alyzed: 10/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
il 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 An	alyzed: 10/03/24
Diesel 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 An	alyzed: 10/03/24
Diesel 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 An	alyzed: 10/03/24
Diesel 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			



Matrix Spike Dup (2440081-MSD1)

Chloride

256

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Diamond PWU 01058-0007 Tom Bynum	22 #1H				Reported: 10/3/2024 3:42:08PM
		Anions	by EPA	300.0/9056	1				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 (2440081-BLK1)							Prepared: 1	0/03/24 Aı	nalyzed: 10/03/24
Chloride	ND	20.0							
LCS (2440081-BS1)							Prepared: 10	0/03/24 Aı	nalyzed: 10/03/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2440081-MS1)				Source:	E410009-	04	Prepared: 10	0/03/24 Aı	nalyzed: 10/03/24
Chloride	257	20.0	250	ND	103	80-120			

250

20.0

Source: E410009-04

ND

103

80-120

0.303

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.



Prepared: 10/03/24 Analyzed: 10/03/24

20

Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
l	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



liant. Din	ao Envir	onmon	tal Service	200	Bill To		T		La	b Us	e On	lv				TA	T		EPA P	rogram
roject:				Jes_	Attention: Devon Energy	αV						Numb	er	1D 2D 3D		Sta	andard	CWA	SDWA	
		Tom By			Address:				09				0007	X		1.3				
	: 5614 N. Lovington Hwy. City, State, Zip										Metho							RCRA		
			и. 88240		Phone:															
none: 80					Email:		115	8015			4								State	Carrie I
		aoil.cor	n		Work Order/Billing #: 211455	08	by 8015	oy 80	21	00	0	0.00		N				NM CO	UT AZ	TX
eport du	e by:				Work Order/Billing #. 211433		80	RO	ابر 80	y 826	601	de 30			¥			X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос				Remarks	
:03	10/1/24	S	1	CS1-1'		1								Х						
:17				CW1-1'		2														
1:21				CS2-6'		3				11										
1:36				CW2-6'		4														
.45				CW3-6'		5														
.45				CS3-6'		6								Ш						
1):(1				CW4-6'		٦								Ш						
24				CW5-6'		8								H						
0:36				CS4-10'		9						\sqcup		Ш						
10:56				CW6-10'		10														
Additiona	l Instruc	tions:	Pima Pro	iect #s 1-281-	-2/1-281-3 nAB1721657722 & nA	B1914250	102													
		the validity	and authent	icity of this sample. I	am aware that tampering with or intentionally mislabe			on,			Sampl	es requiri	ng thermal	preserva n above	tion mu	ust be rec	eived	on ice the day subsequent da	they are samp	led or receive
ate or time o	f collection	is considere	ed fraud and r	may be grounds for le	gal action. Sampled by:	Ineta		Tiek	1 -	_	-		B III			se On				
Cer sir	ne A	farle	Date (0.2.24	Received by: (Signature)	Date 2	1.24	1	3		Rec	eived	on ice:		/ N		ıy			
Relinguished	by Signa	ature)	Date	1-224 75	Received by: (Signature)	Date (0-2-	24	_	10	7	T1			<u>T2</u>			_	<u>T3</u>		
Relinquisher	by: (Signa	ature)	Date 10		Received by: (Signature)	Date 10.3-	24		800			3 Tem		4						
ample Matri	x: S - Soil, So	- Solid, Sg	- Sludge, A - A	Aqueous, O - Other	unless other arrangements are made. Hazardou	Containe	er Type	e: g -	glass,	p - p	oly/p	lastic,	ag - amb	er gla	SS, V	- VOA				



lient: Pima Environi	menta	Servi	ces				Bill To	i.				La	b Us	e On	ly					TA	T		EPA P	rogra	am
roject: Diamond P	PWU 22	2 #1H		Atte	ntion:	Devo	n Ener	gy		Lab	WO#			Job I				D 2	2D	3D	Sta	ndard	CWA	SD	WA
roject Manager: Tor				Addr						EL	100	oo	1	010	58	000		X						-	
ddress: 5614 N. Lov				-	State,	Zip			-					Analy	sis ar	nd Met	hod	_						RC	CRA
ity, State, Zip Hobbs		88240)	Pho	W			-	-							1 (1)	11				-		- C1-1-		
hone: 806-782-115				Ema	il:					8015	8015							- 1		- 1	-	NINAL CO	State O UT AZ	TTV	1
mail: tom@pimaoi	ii.com			Wo	rk Ord	der/Bil	ling #:	2114559	8	by 8	by 8	021	560	10	300.0			Z	¥		-	X	OI AZ	11/	
eport due by:				_	10000		_	-	Lab	ORO	DRO	by 8	3 A 8	ls 60	ide				0.0	- 1	H	^			
Time Date Ma Sampled Sampled Ma	latrix	No. of Containers	Sample ID						Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	верос				Remarks	9	
1:00 10/1/24	s	1	CW7-10'						11									x							
1:17			CW8-10'						12																
			CS5-9'						13									П							
:28		+																H		+	-				-
1:36	\vdash	_	CW9-9'						14									H		-	-				
7:42			CW10-9'						15									Ц							
51			CW11-9'						16																
51 558			CS6-1'						17																
2.09			CW12-1'						18																
		1	CS7-2'						19																
2:21		1							20								1	H							
dditional Instruction	ns:		CW13-2'	. 24.	200												_	Ш							
(field sampler), attest to the v	PII		oject #s 1-281-2	FIR BELFIE			21/14/15				nn -			Sample	s requi	ring therr	nal pres	ervatio	on mus	t be rec	eived o	ice the da	y they are samp	led or re	eceivec
ate or time of collection is con				l action.		Samp	led by:		ing the sumply	Totati				packed	in ice a	at an avg	emp ab					ubsequent	days.		
elinquished by: (Signature	ne	Date	0.2.29	30	Receive	d by: (91g	pature)	4	Date 10.2	24	Time	13	0	Rece	eived	on ic	e:	Lal		e On	ly				
elinguished by: (Signature		Date).2.24 Time	15	Received	d by: (Sig	nature)		Dăte 10 - 2 -	24	Time	io	5	T1			1	2				Т3			
elinquished by: (Signature	2)	Date	Time		Receive	d by: (Sig	(nature)	14001	Date	211	Time	OŪ			+	. 00	11								
The walk	11 Y & 21		2.24 20:4	15	nuy	MAN	IC I	HULL	Containe	Tym						p °C_	mbor	- alace		VO^					
mple Matrix: S - Soil, Sd - Sol ote: Samples are discarde				loss othe	r arrange	amonts a	re made	Hazardous													enort	for the a	nalysis of the	above	e
			received by the labora														CHETT	cyhe	inge.	ine)	Choir	, or tric al	yolo or tile	. 0000	-

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.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/03/24 0	5:00		Work Order ID:	E410009
Phone:	(575) 631-6977	Date Logged In:	10/02/24 1	4:06		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/03/24 1	7:00 (0 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location materials	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No	Carrier. <u>c</u>	<u>Courter</u>		
	Il samples received within holding time?	nou unary ses.	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.					Comments	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>						1 000
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_	y not provide	d on COC per
Sample C	<u>Cooler</u>				client.		
7. Was a s	sample 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 visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	≚				
Sample C	container queous VOC samples present?		Ma				
	OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	•		NA NA				
	trip blank (TB) included for VOC analyses?)					
	on-VOC samples collected in the correct containers' appropriate volume/weight or number of sample contain		Yes Yes				
	· · · · · · · · · · · · · · · · · · ·	iers conecteur	108				
Field Lab	field sample labels filled out with the minimum info	ermation:					
	ample ID?	illiation.	Yes				
	ate/Time Collected?		Yes	l			
C	ollectors name?		No				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does t	the 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				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and it	-		Subcontract Lab	· NA		
	• • •			Suoveniuw Luc			
Chent in	<u>astruction</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: 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

Γ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	Donoutoda
l	PO Box 247	Project Number:	01058-0007	Reported:
l	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

E410009-01						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: 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	Analyst: 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	Anal	Analyst: 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	Analyst: JM			Batch: 2441070
Chloride	ND	20.0	1	10/10/24	10/10/24	

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	10/10/2024 1:21:22PM

CS10-9'

		E410089-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		93.9 %	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		75.1 %	50-200	10/10/24	10/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2441070

20.0

ND

10/10/24

10/10/24



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	10/10/2024 1:21:22PM

CW11-9'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2441051
ND	0.0250	1	10/10/24	10/10/24	
ND	0.0250	1	10/10/24	10/10/24	
ND	0.0250	1	10/10/24	10/10/24	
ND	0.0250	1	10/10/24	10/10/24	
ND	0.0500	1	10/10/24	10/10/24	
ND	0.0250	1	10/10/24	10/10/24	
	101 %	70-130	10/10/24	10/10/24	
mg/kg	mg/kg	Ana	alyst: CG		Batch: 2441051
ND	20.0	1	10/10/24	10/10/24	
	94.6 %	70-130	10/10/24	10/10/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2441067
ND	25.0	1	10/10/24	10/10/24	
ND	50.0	1	10/10/24	10/10/24	
	61.4 %	50-200	10/10/24	10/10/24	
mg/kg	mg/kg	Ana	alyst: JM		Batch: 2441070
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO1 % mg/kg ND 20.0 94.6 % mg/kg ND 25.0 ND 50.0 61.4 %	Result Limit Dilution 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 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 94.6 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 61.4 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/10/24 ND 0.0250 1 10/10/24 ND 0.0250 1 10/10/24 ND 0.0500 1 10/10/24 ND 0.0250 1 10/10/24 ND 0.0250 1 10/10/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/10/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/10/24 ND 25.0 1 10/10/24 ND 50.0 1 10/10/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/10/24 10/10/24 ND 0.0250 1 10/10/24 10/10/24 ND 0.0250 1 10/10/24 10/10/24 ND 0.0500 1 10/10/24 10/10/24 ND 0.0250 1 10/10/24 10/10/24 ND 0.0250 1 10/10/24 10/10/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/10/24 10/10/24 mg/kg mg/kg Analyst: CG 1 10/10/24 10/10/24 MD 20.0 1 10/10/24 10/10/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/10/24 10/10/24 ND 50.0 1 10/10/24 10/10/24 10/10/24 ND 50.0 1 10/10/24 10/10/



QC Summary Data

		() ,		ary Dat					
Pima Environmental Services-Carlsbad	l	Project Name:		Diamond PWU	22 #1H				Reported:
PO Box 247		Project Number:		1058-0007					40/40/2004
Plains TX, 79355-0247		Project Manager:	1	om Bynum					10/10/2024 1:21:22PM
		Volatile O	ganics	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2441051-BLK1)							Prepared: 1	0/09/24 A	nalyzed: 10/09/24
Benzene	ND	0.0250					*		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			
LCS (2441051-BS1)							Prepared: 1	0/09/24 A	nalyzed: 10/09/24
Benzene	4.10	0.0250	5.00		81.9	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.9	70-130			
Toluene	4.38	0.0250	5.00		87.7	70-130			
o-Xylene	4.46	0.0250	5.00		89.3	70-130			
p,m-Xylene	9.06	0.0500	10.0		90.6	70-130			
Total Xylenes	13.5	0.0250	15.0		90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			
Matrix Spike (2441051-MS1)				Source:	E410084-	01	Prepared: 1	0/09/24 A	nalyzed: 10/09/24
Benzene	4.85	0.0250	5.00	ND	97.0	54-133			
Ethylbenzene	5.27	0.0250	5.00	ND	105	61-133			
Toluene	5.21	0.0250	5.00	ND	104	61-130			
p-Xylene	5.32	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2441051-MSD1)				Source:	E410084-	01	Prepared: 1	0/09/24 A	nalyzed: 10/10/24
Benzene	5.32	0.0250	5.00	ND	106	54-133	9.30	20	
Ethylbenzene	5.18	0.0250	5.00	ND	104	61-133	1.70	20	
Toluene	5.27	0.0250	5.00	ND	105	61-130	1.14	20	
o-Xylene	5.19	0.0250	5.00	ND	104	63-131	2.60	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	1.63	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	1.95	20	

8.00

8.00

70-130



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name: Project Number:	Diamond PWU 22 #1H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/2024 1:21:22PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					10/10/2024 1:21:22PM
	Noi		Analyst: CG						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2441051-BLK1)							Prepared: 1	0/09/24 A	nalyzed: 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 A	nalyzed: 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 A	nalyzed: 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-	01	Prepared: 1	0/09/24 A	nalyzed: 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			



QC Summary Data

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				10	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 Organic Reporting Limit mg/kg mg/kg ND 25.0 ND 50.0 44.9 254 25.0 49.6 183 25.0 38.2 198 25.0 198 25.0 198 25.0	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 % % % % % % % % %	Result mg/kg Reporting Limit Level mg/kg Spike Result Rec Result Rec Limits RPD mg/kg Rec Limits RPD mg/kg Reporting Reporting RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %



Chloride

QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	d	Project Name: Project Number:		Diamond PWU 1058-0007	22 #1H				Reported:
Plains TX, 79355-0247		Project Manager	: Т	om Bynum					10/10/2024 1:21:22PM
		Anions	by EPA	300.0/9056	A				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2441070-BLK1)							Prepared: 1	0/10/24 A	nalyzed: 10/10/24
Chloride	ND	20.0							
LCS (2441070-BS1)							Prepared: 1	0/10/24 A	nalyzed: 10/10/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2441070-MS1)				Source:	E410062-	03	Prepared: 1	0/10/24 A	nalyzed: 10/10/24
Chloride	812	20.0	250	520	117	80-120			
Matrix Spike Dup (2441070-MSD1)				Source:	E410062-	03	Prepared: 1	0/10/24 A	nalyzed: 10/10/24

250

20.0

520

113

80-120

1.05

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: Pi	ma Envi	ronmen	tal Servi	ces	l	- 1			Bill To		•			La	b Us	e On	ly]		T/	AT		EPA I	Program	
	<u>Diamon</u>				ŀ	At	tention:	: Devo	on Energy	<u>'</u>		Lab	WO#				Numb		1D	2D	3D	Sta	andard	CWA	SDWA	<u>\</u>
	anager:					Ac	dress:					E4	100	180	1	010	<u> 58.</u>	Fam	X							
			on Hwy.			<u> Ci</u>	ty, State	, Zip								Analy	sis an	d Meth	od						RCRA	<u>. </u>
ity, State	, Zip Ho	bbs. N	M. 88240			<u>P</u>	hone:																			
hone: 8	06-782-	1151				E	mail:				. i	51	121					- 1						State		
mail: to	om@pin	naoil.co	m							4.4.6.604		&	&		_	I _	ջ		~				NM CC	UT AZ	: TX	٦
eport du	e by:					V	vork O	rder/Bil	lling #: 21	1145598	5	0 0	0	88	826	8	8	l	ξ	¥			х			٦
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		ВСБОС	ВСВОС				Remark	5	7
:30	10/8/24	S	1	CW9-9	9'														х							
0:43				CW10-	-9'						2															
:59				CW11-	-9'						3								П							
	•	•																								
											1 .															٦
			<u> </u>	<u> </u>		_					<u> </u>								+							
									=									\dashv	+	1						1
				 														_		-						\dashv
			-			_													+							\dashv
	•											_							+	╁	\vdash					\dashv
	1)															
dditiona	l Instruct	ions:	Pima Pro	oject #s 1	-281-	2/1-28	31-3 1	nAB172	21657722	& nAB1	914250	102					•			1						٦
				ticity of this sa	-			_	or intentionally led by:	y mislabellir	ng the sample	e locati	on,										on ice the da subsequent	y they are sam lays.	oled or receiv	ed
elinquished	d by: (Signa ime <i>f</i>	ture)	Date	18/24	Time	21	ROPE	ed by: (Sig	e Gonz	zales	Date 10-9:	—— H	Time	121		Rece	eived	on ice:		ab U	se On	nly				
مطونية مقام	by (Signe	turol	les Date	9.24	Time	30	Redev	ed by: (Sig	gnature)		Date	 2v	Time	30		T1			T2				<u>T3</u>			
elinguished	d by: (Signa	ture)	Date		Time		Receiv	ed by: Sig	gnature)	Bu	Date 10.10		Time				Tem	n °C	4							
Mole Matri	v: S - Soil Sd	Solid Ser		Aqueous, O - O		لبد) ر	<u> </u>		7100		Containe			olass					her øls	ISS V	· VOA			<u> </u>		\dashv
						inless of	her arran	gements a	are made. Ha	azardous s												report	for the a	alysis of th	e above	\dashv
-			-	-				-	ability of the l		1.								CIN CX	PE113E.	nei	. cpui l		iory sis Of Ul	L above	
IIIbies is a	pplicable of	iny to thos	e samples	received by t	the labe	nacory v	VICIT CITIS C	OC. THE III	ability of the i	iaboratory	13 Milited C	o trie t	1111041	t paid										•		
																	.			N 4	, j			-		h
											!				1		•	C		V		•	U	te		
										Dono	10 01 1 1									_		_				-
										rage	13 of 14															

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 Work Order ID: E410089 Phone: (575) 631-6977 Date Logged In: 10/09/24 14:56 Logged In By: Caitlin Mars Email: tom@pimaoil.com Due Date: 10/10/24 17:00 (0 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
Email: tom@pimaoil.com Due Date: 10/10/24 17:00 (0 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	
5. Were all samples received within holding time? Yes Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Comments/Resolution	
Sample Turn Around Time (TAT)	
6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sampled by not provided on COC per	
Sample Cooler client.	
7. Was a sample cooler received? Yes	
8. If yes, was cooler received in good condition? Yes	
9. Was the sample(s) received intact, i.e., not broken?	
10. Were custody/security seals present? No	
11. If yes, were custody/security seals intact?	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C	
Sample Container 14 Are squeave VOC samples present?	
14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA	
15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA	
17. Was a trip blank (TB) included for VOC analyses? NA	
18. Are non-VOC samples collected in the correct containers? Yes	
19. Is the appropriate volume/weight or number of sample containers collected? Yes	
Field Label 20. Were field sample labels filled out with the minimum information:	
Sample ID? Yes	
Date/Time Collected? Yes	
Collectors name? No	
Sample Preservation	
21. Does the COC or field labels indicate the samples were preserved?	
22. Are sample(s) correctly preserved?	
24. Is lab filteration required and/or requested for dissolved metals? No	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed?	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory? No	
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	
CHERT THECH DECIDE	

Date



Appendix F

Previous Site Maps & Data Tables

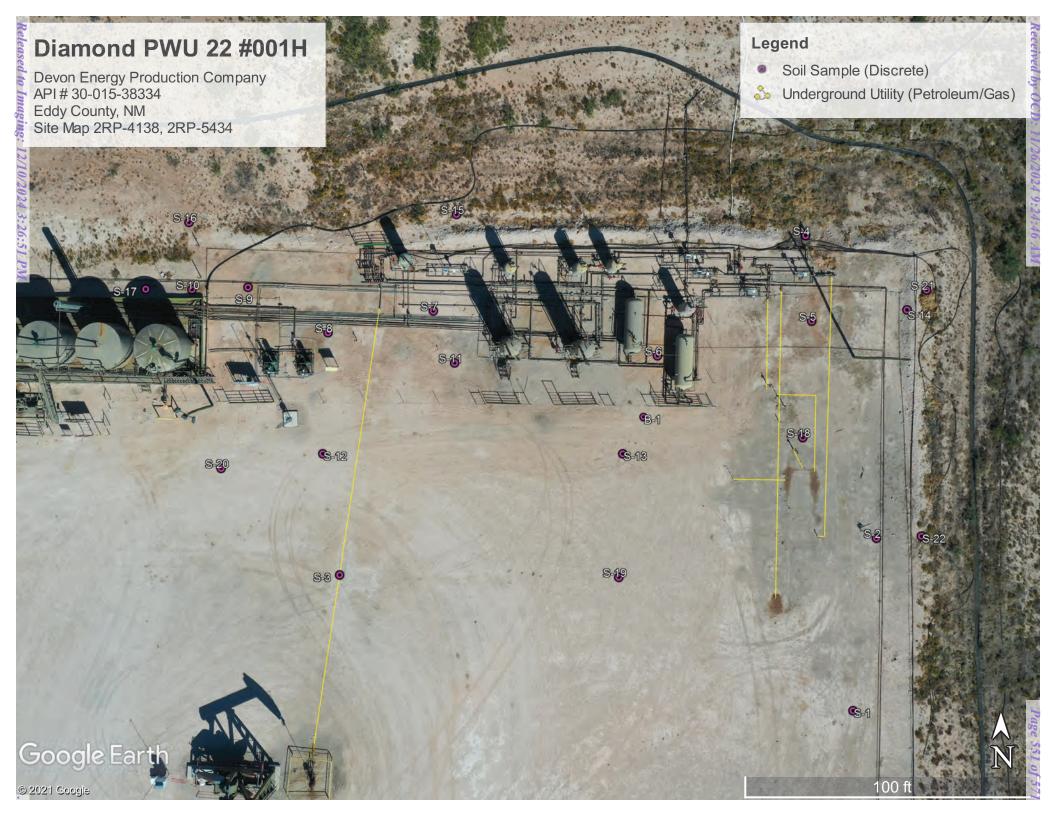


Table 1 : Soil Sample Analysis

		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

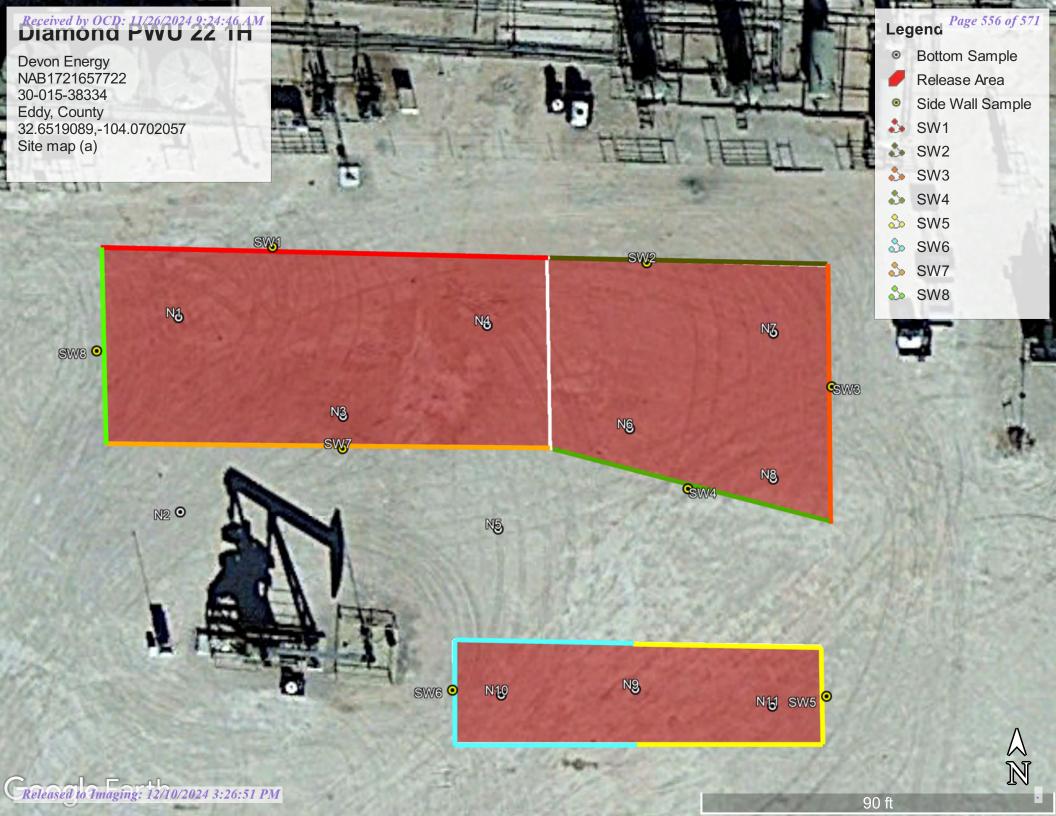
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg	Total TPH (mg/kg)	CI (mg/kg)
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	0-1	4/29/2020	ND	ND	ND	ND	ND	-	14000
	1-2	9/16/2020	NT	NT	NT	NT	NT	-	5100
	2-3	9/16/2020	NT	NT	NT	NT	NT	-	5200
	3-4	9/16/2020	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

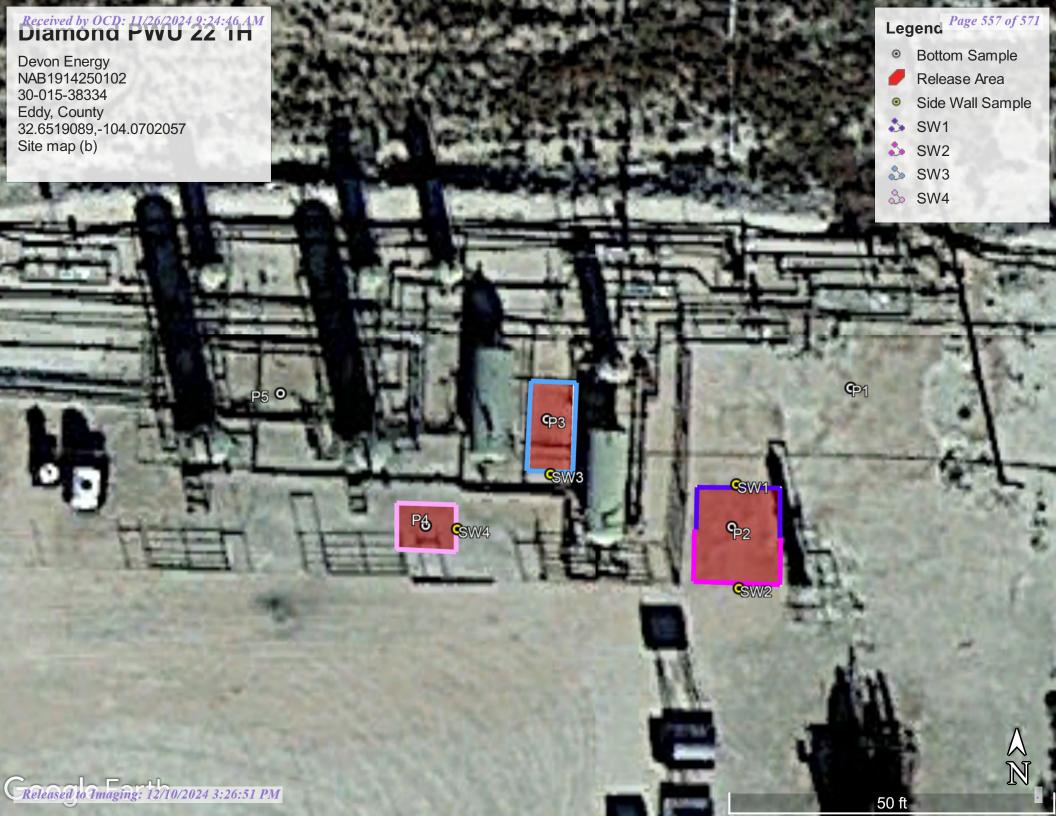
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	Closure Criteria 19.15.29.12 NMAC		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	0-1	10/21/2020	ND	ND	ND	73	65	138.0	7400
	2	11/19/2020	ND	ND	ND	ND	ND	-	3000
	3	11/19/2020	ND	ND	ND	33	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	-	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	-	290
	6	11/19/2020	NT	NT	NT	NT	NT	-	300
	8	11/19/2020	NT	NT	NT	NT	NT	-	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)
С	losure Criteria 15.29.12 NMAC		50 mg/kg	10 mg/kg	(3, 3,	· 0. 0.	(3, 3,	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
ND An	4	2/23/2021	ND	ND	ND	ND	ND	-	ND

ND= Analyte Not Detected

NT=Analyte Not Tested R= Boring Refusal



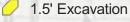


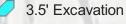
Received by OCD: 11/26/2024 9:24:46 AM Diamond PVVU 22 1H **Devon Energy** NAB1721657722 30-015-38334 Eddy, County 32.6519089,-104.0702057 Confirmation Sample Map (a) CSW2 CSW3 CSW4 **L**CSW5 9CS **2CS** SCS **94CS GCS 9**42CS **943CS 9**44CS **45CS 26CS C**SW₁ 9CS **G**SCS **GCS** 90CS 49CS **OSW**6 **946CS** 6CS **47CS** 91CS 9_{12CS} 93CS 9₄CS 95CS **9**708 **450CS %1CS** \$2CS **453CS** CSW12 17**G**S 9_{6CS} 18CS 0 **2**000 99CS 54**G**S **55GS 456CS** 28**C**S **457CS 21CS 22CS 23CS 2**4CS 60GS FCSW7 **2**5CS **458CS** CSW11 **4**59CS CSW10 CSW9 61CS ° **620**8 CSW14 FCSW13 **29GS** 35**G**S **%**1CS **C**SCS **30GS 36CS 434CS G**2CS CSW15 41**G**S **9**40CS **437CS G**8CS **G**9CS CSW16 CSW17

Legend

Page 558 of 571







- Confirmation Bottom Sample
- Confirmation Side Wall Sample
- S CSW1
- CSW10
- CSW11
- CSW12
- CSW13
- CSW14
- CSW15
- CSW16
- CSW17
- **CSW18**
- CSW2
- CSW3
- CSW4
- CSW5
- CSW6
- CSW7
- CSW8
- Sw9



NAB1721657722:

4-21-2023 Soil Sample Results

	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') DEVON ENERGY -DIAMOND PWU 22 1H									
	Sample Date: 4/21/2023 NM Approved Laboratory Results									
		Sample Da	te: 4/21/2023	NM A	Approved Labo	ratory Results				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
	1'	ND	ND	ND	ND	ND	0	747		
N1	3'	ND	ND	ND	ND	ND	0	101		
N1	4'	ND	ND	ND	ND	ND	0	75.9		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	481		
N2	3'	ND	ND	ND	ND	ND	0	135		
INZ	4'	ND	ND	ND	ND	ND	0	78.4		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	2350		
N3	3'	ND	ND	ND	ND	ND	0	443		
IN3	4'	ND	ND	ND	ND	ND	0	303		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	0.025	ND	ND	2330	917	3247.025	14200		
N/A	3'	ND	ND	ND	ND	ND	0	ND		
N4	4'	ND	ND	ND	ND	ND	0	ND		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	336		
NE	3'	ND	ND	ND	ND	ND	0	25.4		
N5	4'	ND	ND	ND	ND	ND	0	ND		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	2790		
	3'	ND	ND	ND	ND	ND	0	1180		
N-6	4'	ND	ND	ND	ND	ND	0	173		
	5'	ND	ND	ND	ND	ND	0	ND		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	2160		
N-7	3'	ND	ND	ND	ND	ND	0	1020		
	4'	ND	ND	ND	ND	ND	0	120		
	1'	ND	ND	ND	ND	ND	0	1340		
N-8	3'	ND	ND	ND	ND	ND	0	1300		
IN-8	4'	ND	ND	ND	ND	ND	0	143		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	27.9	ND	27.9	ND		
N-9	3'	ND	ND	ND	ND	ND	0	ND		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	126	139	265	47.8		
N-10	3'	ND	ND	ND	ND	ND	0	ND		
	4'	ND	ND	ND	ND	ND	0	ND		

	1'	ND	ND	ND	299	355	654	50.8
N-11	3'	ND	ND	ND	ND	ND	0	26.5
IN-TT	4'	ND	ND	ND	ND	ND	0	235
	5'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND
SW 7	6"	ND	ND	ND	ND	ND	0	ND
SW 8	6"	ND	ND	ND	ND	ND	0	ND

Nd: Non-Detect

NAB1914250102:

		NMOCD Table 1	. Closure Criteria	19.15.29 NMAC	(Depth to Gro	undwater is <50')				
			DEVON ENE	RGY -DIAMOND	PWU 22 1H					
		Sample Dat	e: 4/21/2023	NM A	NM Approved Laboratory Results					
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
P1	1'	ND	ND	ND	ND	ND	0	209		
	3'	ND	ND	ND	ND	ND	0	34.9		
	4'	ND	ND	ND	ND	ND	0	28.4		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	2150		
P2	3'	ND	ND	ND	ND	ND	0	634		
PZ	4'	ND	ND	ND	ND	ND	0	ND		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	1080		
	3'	ND	ND	ND	ND	ND	0	456		
Р3	4'	ND	ND	ND	ND	ND	0	157		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	1050		
	3'	ND	ND	ND	ND	ND	0	486		
P4	4'	ND	ND	ND	ND	ND	0	101		
	5'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	182		
25	3'	ND	ND	ND	ND	ND	0	51.2		
P5	4'	ND	ND	ND	ND	ND	0	ND		
	5'	ND	ND	ND	ND	ND	0	ND		
SW 1	6"	ND	ND	ND	ND	ND	0	ND		
SW 2	6"	ND	ND	ND	ND	ND	0	ND		
SW 3	6"	ND	ND	ND	ND	ND	0	ND		
SW 4	6"	ND	ND	ND	ND	ND	0	ND		

Nd: Non-Detect

6-8-2023 Confirmation Soil Sample Results

150	CNIMOCD		3-2023 Confirm		•		water is ZEC	ν 1
150	SINIVIOCD		VON ENERG			h to Ground	water is <50	')
	Samul	e Date: 6/8				Laboratory R	oculto	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CSW 1	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 2	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 3	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 4	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 5	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 6	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 7	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 8	0-3.5'	ND	ND	ND	ND ND	ND	0	ND ND
CSW 9	0-3.5'	ND						
			ND	ND	ND	ND	0	ND
CSW 10	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 11 CSW 12	0-1.5' 0-1.5'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
CSW 12 CSW 13	0-1.5'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
CSW 13	0-1.5'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
CSW 15	0-1.5'	ND	ND	ND	ND ND	ND	0	ND
CSW 16	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 17	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 18	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 19	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 20	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 21	0-3.5'	ND	ND	ND	ND	ND	0	ND
CSW 22	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 23	0-1.5'	ND	ND	ND	ND	ND	0	ND
1 CS	1.5'	ND	ND	ND	ND	ND	0	ND
2 CS	1.5'	ND	ND	ND	ND	ND	0	ND
3 CS	1.5′	ND	ND	ND	ND	ND	0	ND
4 CS	1.5'	ND	ND	ND	ND	ND	0	ND
5 CS	1.5'	ND	ND	ND	ND	ND	0	ND
6 CS	1.5'	ND	ND	ND	ND	ND	0	ND
7 CS	1.5'	ND	ND	ND	ND	ND	0	ND
8 CS	1.5' 1.5'	ND	ND ND	ND ND	ND ND	ND	0	ND ND
9 CS 10 CS	1.5	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
11 CS	1.5	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
11 CS 12 CS	1.5'	ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
13 CS	1.5'	ND	ND	ND	ND ND	ND	0	ND
14 CS	1.5'	ND	ND	ND	ND	ND	0	ND
15 CS	1.5'	ND	ND	ND	ND	ND	0	ND

16 CS	1.5'	ND	ND	ND	ND	ND	0	ND
17 CS	1.5'	ND	ND	ND	ND	ND	0	ND
18 CS	1.5'	ND	ND	ND	ND	ND	0	ND
19 CS	1.5'	ND	ND	ND	ND	ND	0	ND
20 CS	1.5'	ND	ND	ND	ND	ND	0	ND
21 CS	1.5'	ND	ND	ND	ND	ND	0	ND
22 CS	1.5'	ND	ND	ND	ND	ND	0	ND
23 CS	1.5'	ND	ND	ND	ND	ND	0	ND
24 CS	1.5'	ND	ND	ND	ND	ND	0	ND
25 CS	1.5'	ND	ND	ND	ND	ND	0	ND
26 CS	1.5'	ND	ND	ND	ND	ND	0	ND
27 CS	1.5'	ND	ND	ND	ND	ND	0	ND
28 CS	1.5'	ND	ND	ND	ND	ND	0	ND
29 CS	1.5'	ND	ND	ND	ND	ND	0	ND
30 CS	1.5'	ND	ND	ND	ND	ND	0	ND
31 CS	1.5'	ND	ND	ND	ND	ND	0	ND
32 CS	1.5'	ND	ND	ND	ND	ND	0	ND
33 CS	1.5'	ND	ND	ND	ND	ND	0	ND
34 CS	1.5'	ND	ND	ND	ND	ND	0	ND
35 CS	1.5'	ND	ND	ND	ND	ND	0	ND
36 CS	1.5'	ND	ND	ND	ND	ND	0	ND
37 CS	1.5'	ND	ND	ND	ND	ND	0	ND
38 CS	1.5'	ND	ND	ND	ND	ND	0	ND
39 CS	1.5'	ND	ND	ND	ND	ND	0	ND
40 CS	1.5'	ND	ND	ND	ND	ND	0	ND
41 CS	1.5'	ND	ND	ND	ND	ND	0	ND
42 CS	3′	ND	ND	ND	ND	ND	0	ND
43 CS	3'	ND	ND	ND	ND	ND	0	ND
44 CS	3′	ND	ND	ND	ND	ND	0	ND
45 CS	3′	ND	ND	ND	ND	ND	0	ND
46 CS	3'	ND	ND	ND	ND	ND	0	ND
47 CS	3'	ND	ND	ND	ND	ND	0	ND
48 CS	3′	ND	ND	ND	ND	ND	0	ND
49 CS	3'	ND	ND	ND	ND	ND	0	ND
50 CS	3′	ND	ND	ND	ND	ND	0	ND
51 CS	3'	ND	ND	ND	ND	ND	0	ND
52 CS	3′	ND	ND	ND	ND	ND	0	ND
53 CS	3'	ND	ND	ND	ND	ND	0	ND
54 CS	3'	ND	ND	ND	ND	ND	0	ND
55 CS	3′	ND	ND	ND	ND	ND	0	ND
56 CS	3'	ND	ND	ND	ND	ND	0	ND
57 CS	3′	ND	ND	ND	ND	ND	0	ND
58 CS	3′	ND	ND	ND	ND	ND	0	ND
59 CS	3′	ND	ND	ND	ND	ND	0	ND
60 CS	3′	ND	ND	ND	ND	ND	0	ND
61 CS	3'	ND	ND	ND	ND	ND	0	ND
62 CS	3'	ND	ND	ND	ND	ND	0	ND
63 CS	1.5'	ND	ND	ND	ND	ND	0	ND
64 CS	1.5'	ND	ND	ND	ND	ND	0	ND
65 CS	1.5'	ND	ND	ND	ND	ND	0	ND

66 CS	1.5'	ND	ND	ND	ND	ND	0	ND
67 CS	3'	ND	ND	ND	ND	ND	0	ND
68 CS	3'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

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

Action 406608

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1721657722
Incident Name	NAB1721657722 DIAMOND PWU 22 #001H @ 30-015-38334
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-38334] DIAMOND PWU 22 #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DIAMOND PWU 22 #001H
Date Release Discovered	07/14/2017
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 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 (Specify) Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 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.	

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 2

Action 406608

	QUESTIONS (continued)
Operator:	OGRID:

DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 6137
Action Number:
406608
Action Type:
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
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.	

nitial 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.

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 11/26/2024

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 3

Action 406608

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
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		
Nonioulation Flan		
Please answer all the questions that apply or are indicated. This information must be provided to	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	on 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 m	nilligrams 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 completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	01/01/2025	
On what date will (or did) the final sampling or liner inspection occur	01/24/2025	
On what date will (or was) the remediation complete(d)	02/01/2025	
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 the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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 406608

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
D- 0.4-4:- D- 440.45 00.44 NMAO	

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 I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 11/26/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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 406608

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	

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 6

Action 406608

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	389843
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	No

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

CONDITIONS

Action 406608

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406608
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The remediation plan as written is approved.	12/10/2024