DIAMOND PWU 22 #001H

nAB1914250102

Remediation Plan Report



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

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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 nAB1914250102

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 May 16, 2019, and approved on May 22, 2019 (Appendix C). This incident was assigned Incident ID nAB1914250102, 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

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

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

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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 nAB1914250102 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.

Point 1: P3, 65CS and 66CS do in fact represent the former location S-6. The contamination found in 2020 at 0-14 feet and 18 feet will be addressed according to the remediation plan below.

Point 3: P2, 67CS and 68CS do represent additional contamination found during re-assessment activities.

Reasons 2, 4, and **5** will be addressed in a separate remediation plan report for incident nAB1721657722.

Remediation Plan Approval Request

nAB1914250102: Devon would like to propose the following remediation method to address the contamination found at S-6 during the 2020 sampling event.

- **1.** Collect samples with a hand auger or mechanical auger at 1' increments down to 20' 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 86 square feet and includes the previous sample point S-6.
- **2.** A total of 2 sample points will be marked and used for this investigative sampling event. Both sample points will be located within the area of concern. Facility deconstruction of this area currently is not feasible or practical as these production vessels service multiple wells in the area. If the contamination is located, and remediation by excavation is performed, Devon requests the wall samples that would be collected for confirmation samples, also be approved as horizontal delineation samples.

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- 3. Field test each sample for chlorides making note of all results over the regulatory limits.
- **4.** Prepare and deliver a minimum of 7 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.
- **<u>6.</u>** Excavated contaminated soil with a hydrovac or other mechanical equipment that can be approved for the small, sensitive area, and haul to a NMOCD-approved disposal facility.
- <u>7.</u> 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 nAB1914250102 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

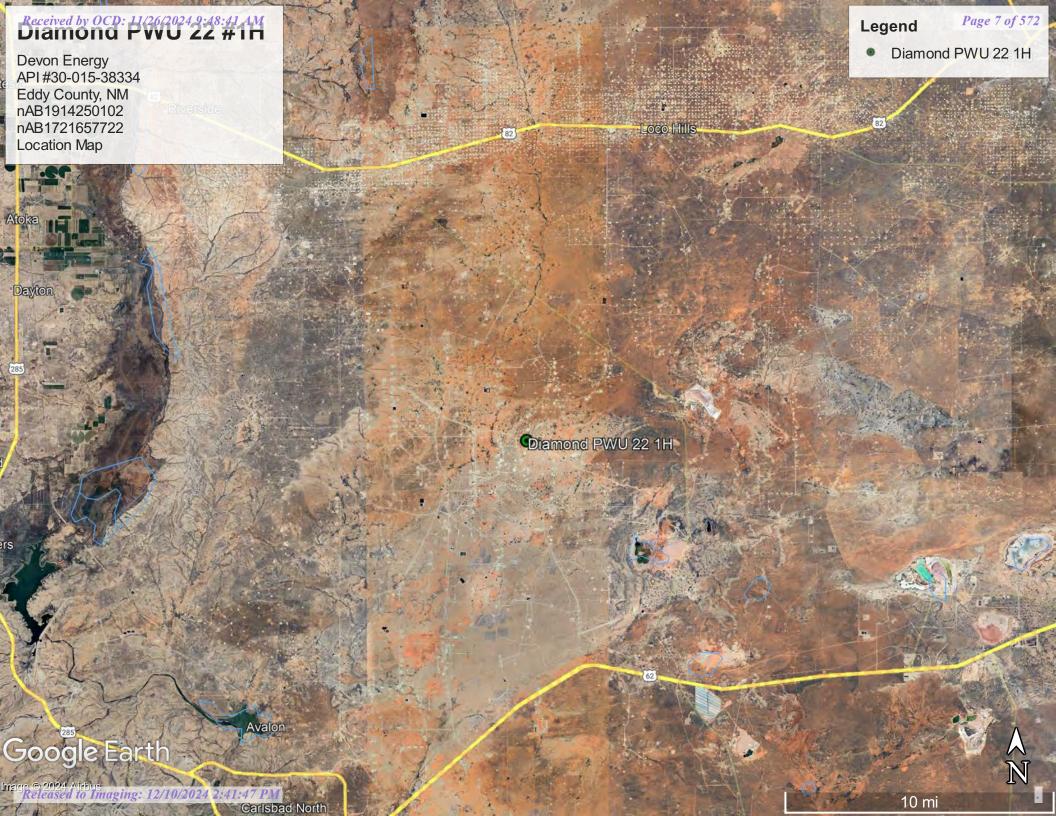
Karst Map

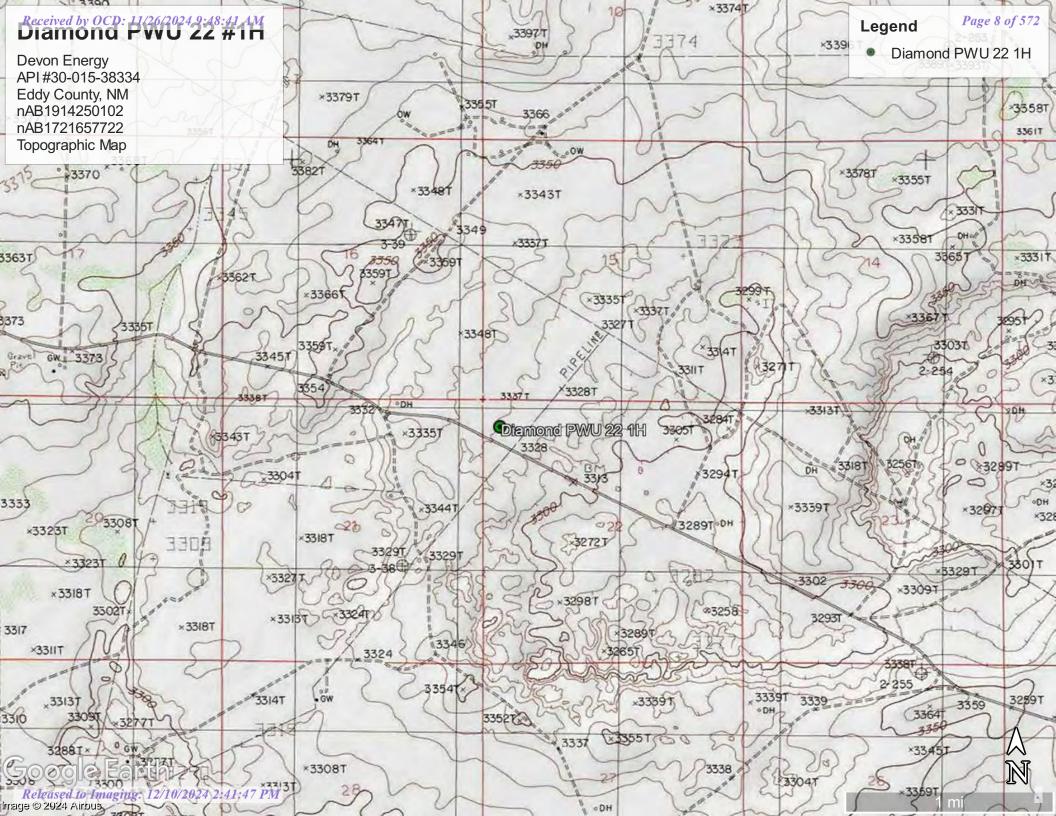
Excavation Map

Data Tables

Confirmation Sample Map

Proposed Sampling-Excavation Map





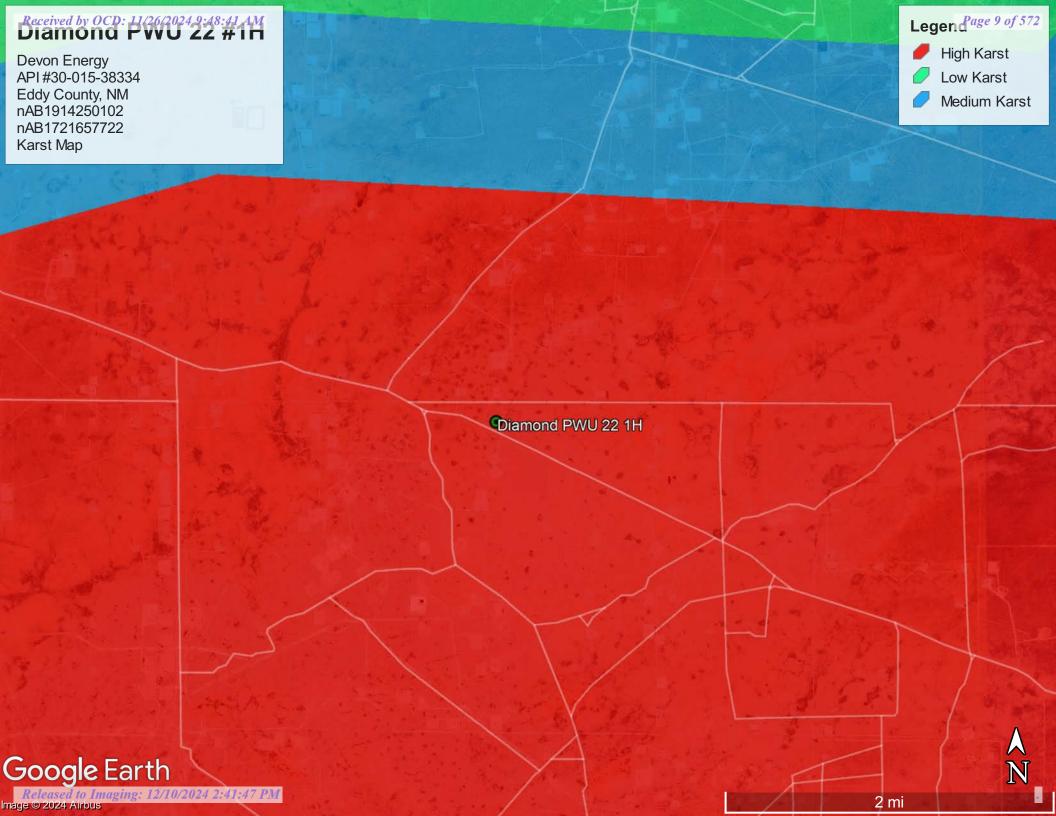




Table 1 : Soil Sample Analysis

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

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

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

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

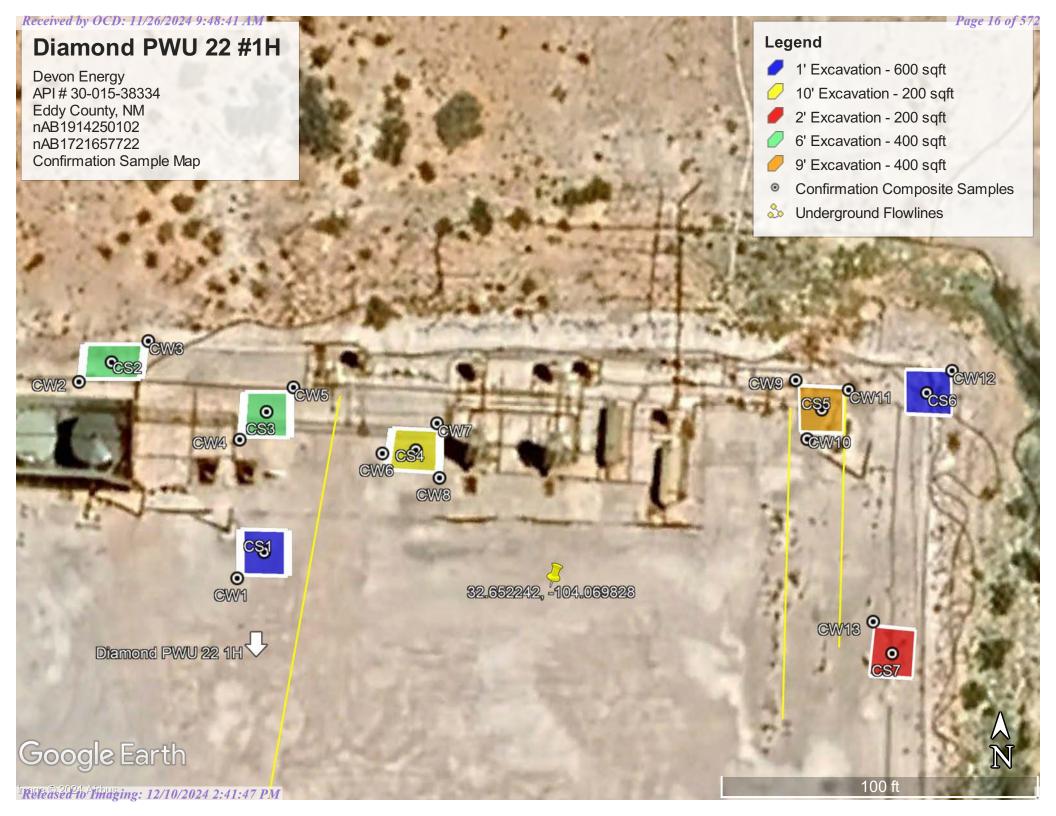
ND= Analyte Not Detected

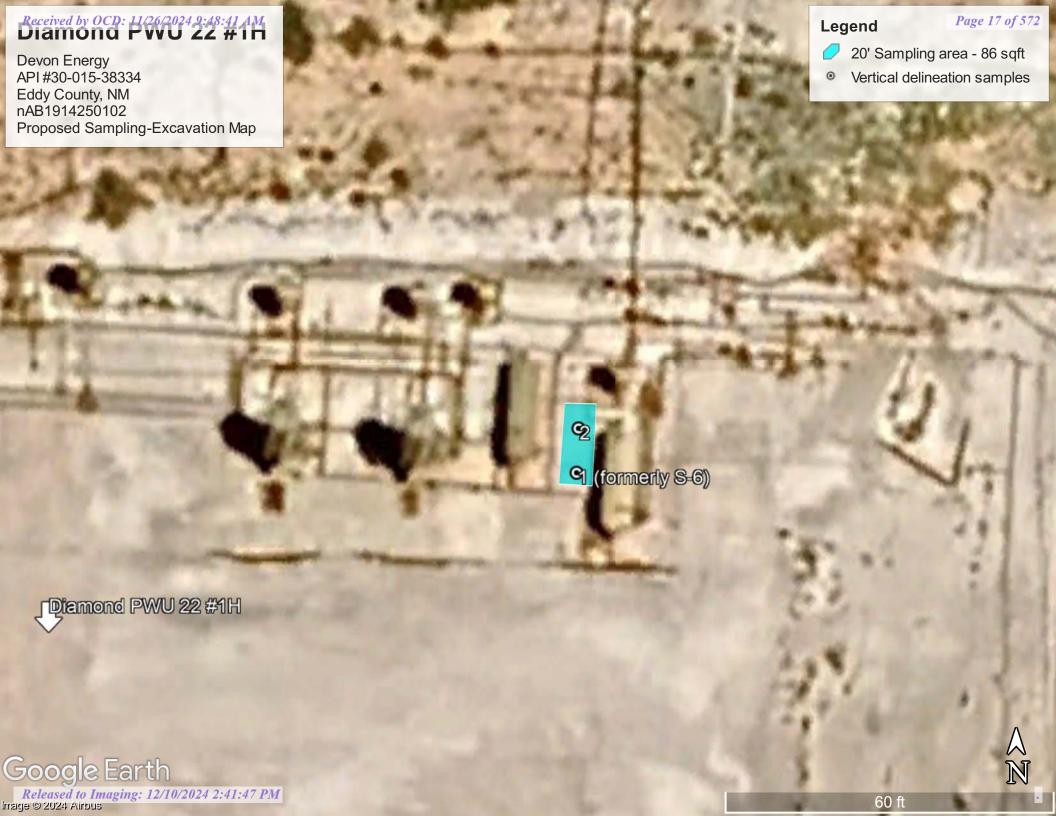
NT=Analyte Not Tested R= Boring Refusal

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')											
D	DEVON ENERGY - Diamond PWU 22 #1H nAB1914250102 & nAB1721657722											
Date: 10/1/2	24	NM Approved Laboratory Results										
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl				
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
CS1-1'	1'	ND	ND	ND	27.6	ND	27.6	ND				
CW1-1'	2'	ND	ND	ND	ND	ND	ND	ND				
CS2-6'	3'	ND	ND	ND	ND	ND	ND	ND				
CW2-6'	4'	ND	ND	ND	ND	ND	ND	ND				
CW3-6'	1'	ND	ND	ND	ND	ND	ND	ND				
CS3-6'	2'	ND	ND	ND	ND	ND	ND	ND				
CW4-6'	3'	ND	ND	ND	61	ND	61	ND				
CW5-6'	4'	ND	ND	ND	ND	ND	ND	ND				
CS4-10'	1'	ND	ND	ND	ND	ND	ND	ND				
CW6-10'	2'	ND	ND	ND	27.8	ND	27.8	ND				
CW7-10'	3'	ND	ND	ND	ND	ND	ND	ND				
CW8-10'	4'	ND	ND	ND	27.7	ND	27.7	ND				
CS5-9'	1'	ND	ND	ND	27.6	ND	27.6	456				
CW9-9'	2'	ND	ND	ND	ND	ND	ND	626				
CW10-9'	3'	ND	ND	ND	ND	ND	ND	635				
CW11-9'	4'	ND	ND	ND	59.5	ND	59.5	250				
CS6-1'	1'	ND	ND	ND	ND	ND	ND	ND				
CW12-1'	2'	ND	ND	ND	25.2	ND	25.2	ND				
CS7-2'	3'	ND	ND	ND	ND	ND	ND	362				
CW13-2'	4'	ND	ND	ND	ND	ND	ND	465				

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

ND = Not Detected







Appendix A

Water Surveys

Water-Related Maps



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

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

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: 0 feet

Record Count: 2

Basin/County Search:

County: ED

UTM Filters (in meters):

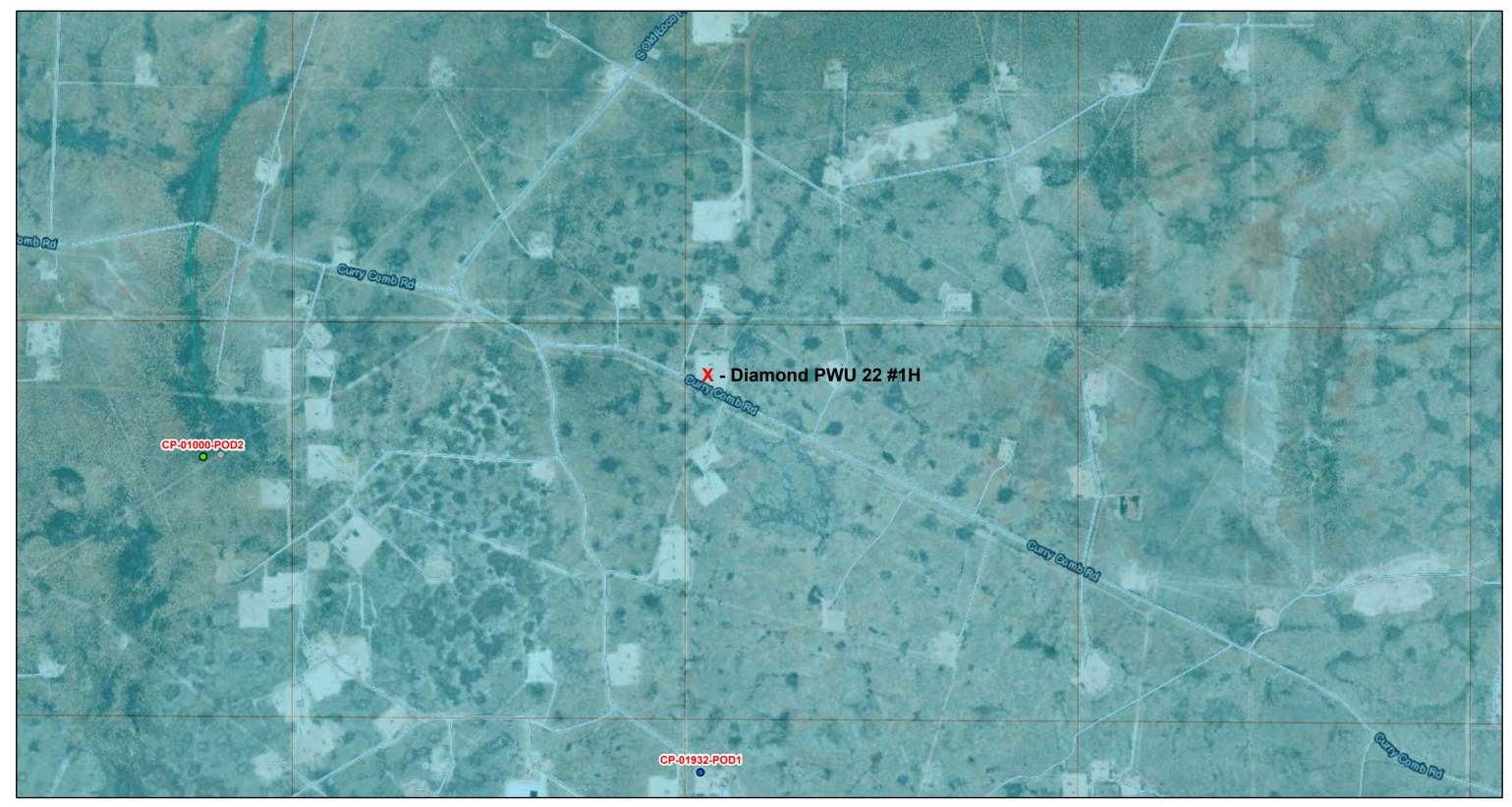
Easting: 587199.46 **Northing:** 3613079.77

Radius: 03000

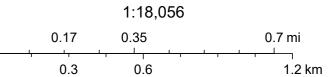
* UTM location was derived from PLSS - see Help

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

OSE POD Location Map







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



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 323900104052901

Minimum number of levels = 1

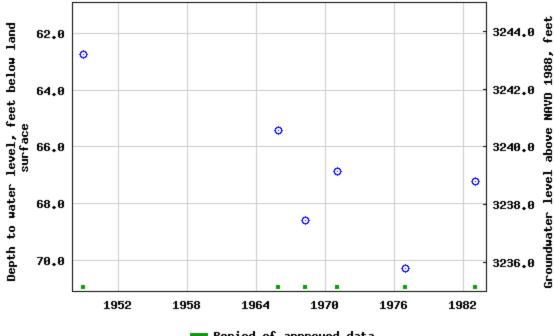
Save file of selected sites to local disk for future upload

USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site	Groundwater:	Field measurements	→ GO	
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°39'00", Longit	ude 104°0!	5'29" NAD27		
Land-surface elevation 3,3	06 feet abo	ve NAVD88		
This well is completed in th	e Other aq	uifers (N9999OTh	HER) national	aquifer.
This well is completed in th	ie Rustler F	ormation (312RS	LR) local aqu	ifer.

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

USGS 323900104052901 19S.29E.20.24111 RATLSNAKE



Period of approved data

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

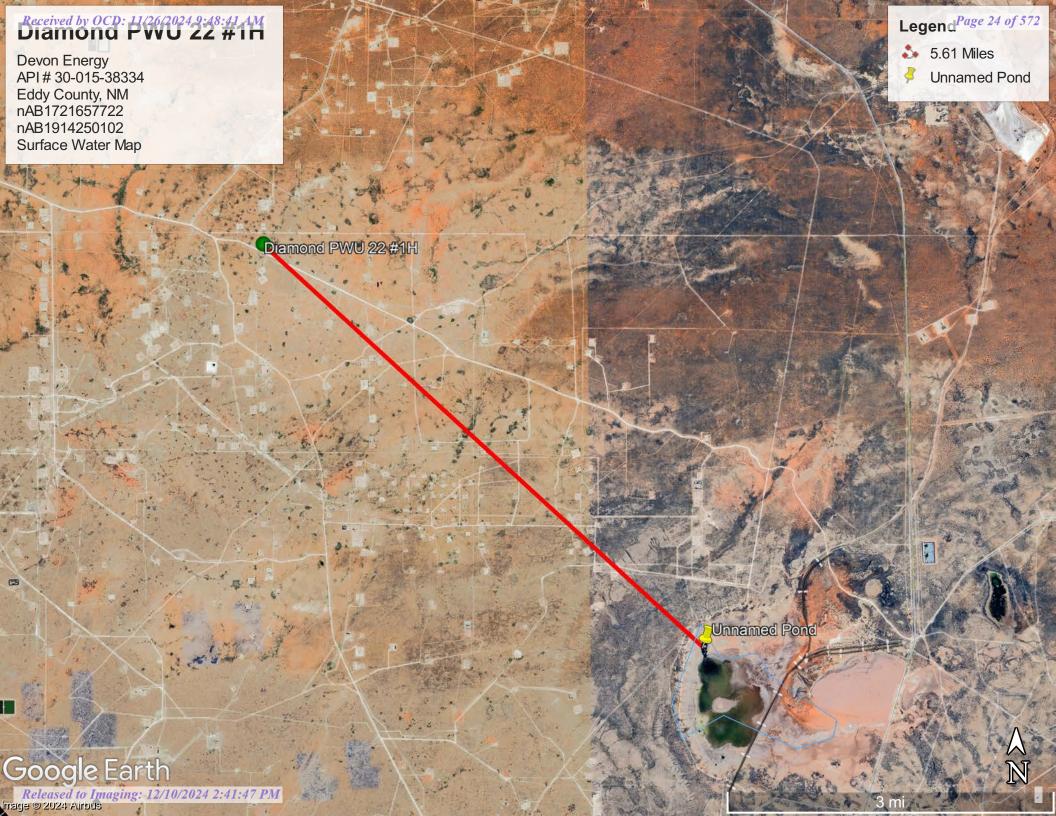
0.53 0.46 nadww02





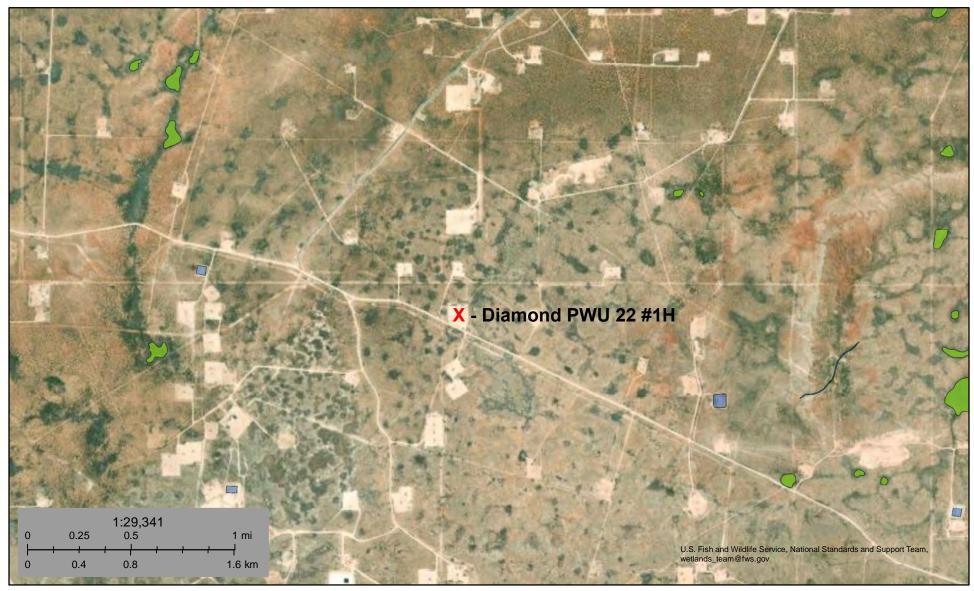
National Water Information System: Mapper







Wetlands Map



August 6, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Other

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

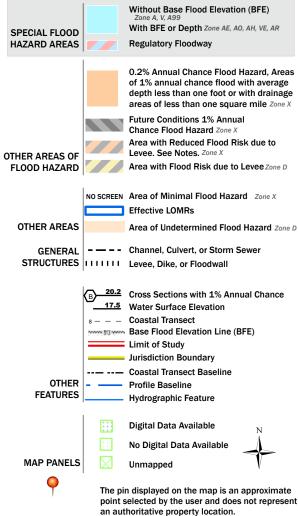
National Flood Hazard Layer FIRMette



Legend

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

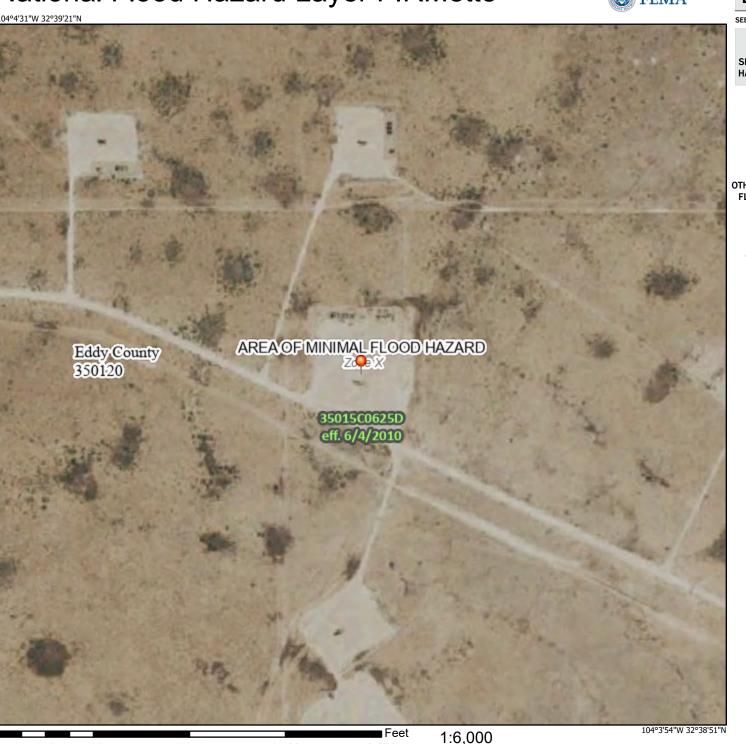
Page 26 of 572



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.





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)

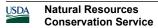
Sodium adsorption ratio, maximum: 1.0

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

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

→ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

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

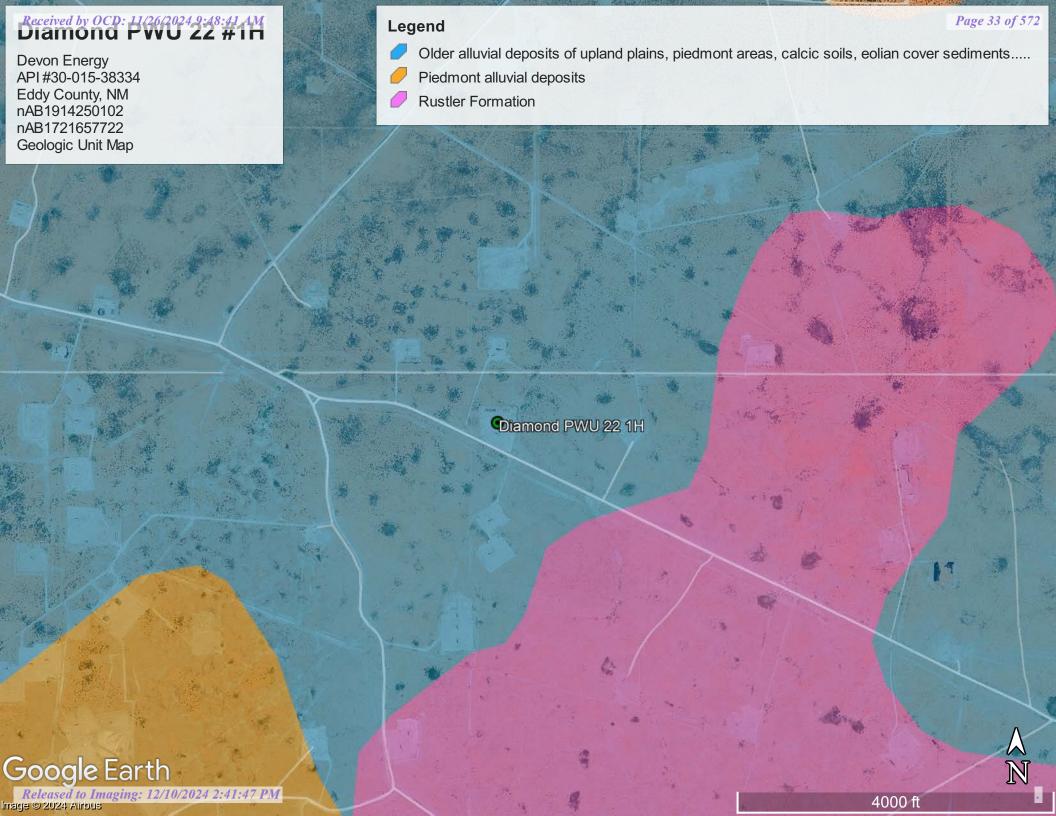
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID					
Contact Nam	ie			Contact To	elephone				
Contact emai	i1			Incident #	Incident # (assigned by OCD)				
Contact mail	ing address			-					
			Location	of Release So	ource				
Latitude				Longitude					
			(NAD 83 in de	cimal degrees to 5 decin	nal places)				
Site Name				Site Type					
Date Release	Discovered			API# (if app	olicable)				
Unit Letter	Section	Township	Range	Cour	ntv]			
Ont Letter	Section	Township	runge	Cour	11.7				
Surface Owner	r: State	☐ Federal ☐ Tr	ibal Private (I	Name:)			
			Nature and	d Volume of 1	Release				
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	Volume Reco	volumes provided below) vered (bbls)			
Produced	Water	Volume Release	` '		Volume Reco	•			
			ion of total dissol	ved solids (TDS)	☐ Yes ☐ N	, ,			
		in the produced	water >10,000 mg						
Condensa	te	Volume Release	d (bbls)		Volume Reco	vered (bbls)			
Natural G	as	Volume Release	d (Mcf)		Volume Reco	vered (Mcf)			
Other (des	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weig	tht Recovered (provide units)			
Cause of Rele	ease								

Received by OCD: 11/26/2024 9:48:41 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

				-		~ -	_	,
$-\nu$	ag	0	~	6	0		7	٠.
	$u \simeq$		J	v	v	I J	7.	4
	- 0	_	_	_				

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respo	nsible party consider this a major release?					
19.15.29.7(A) NMAC?							
☐ Yes ☐ No							
If VFS, was immediate no	otice given to the OCD? By whom? To w	nam? When and by what means (phone email etc)?					
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?							
Initial Response							
The responsible p	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury					
The source of the rele	☐ The source of the release has been stopped.						
☐ The impacted area ha	s been secured to protect human health and	the environment.					
Released materials ha	we been contained via the use of berms or	likes, absorbent pads, or other containment devices.					
	ecoverable materials have been removed an						
If all the actions described	d above have <u>not</u> been undertaken, explain	why:					
D 1017.00 0 D (1) 1114							
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.							
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.							
Printed Name:		Title:					
	DeHoyos	Date:					
email:		Telephone:					
OCD Only	1						
	nghi Taramente	Date:					

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 387809

QUESTIONS

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

QUESTIONS

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

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

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

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

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 387809

CONDITIONS

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

CONDITIONS

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

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

QUESTIONS

Action 389842

QUESTIONS

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

QUESTIONS

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

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

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

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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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)

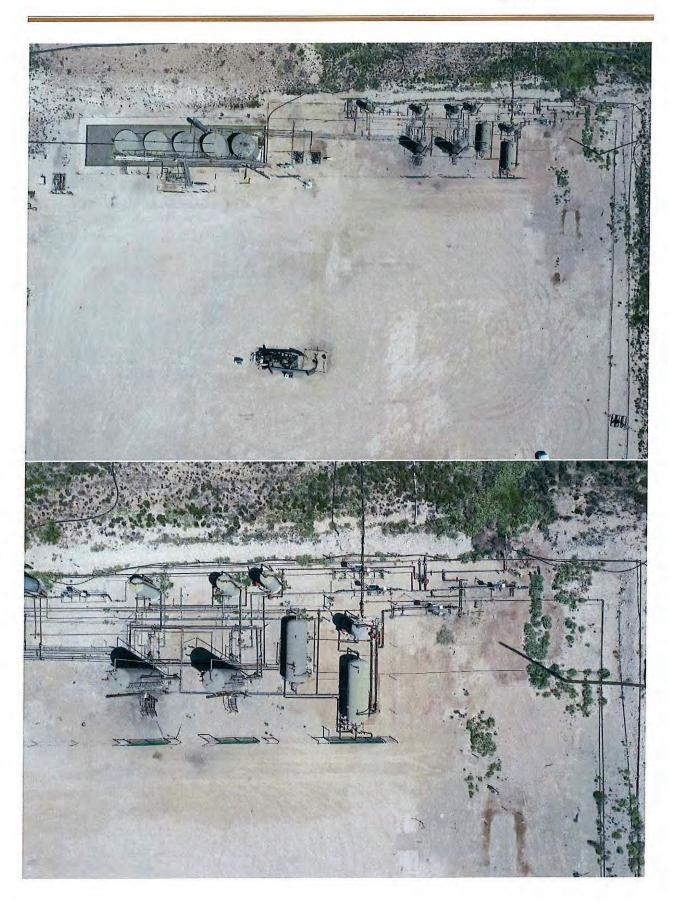
CONDITIONS

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

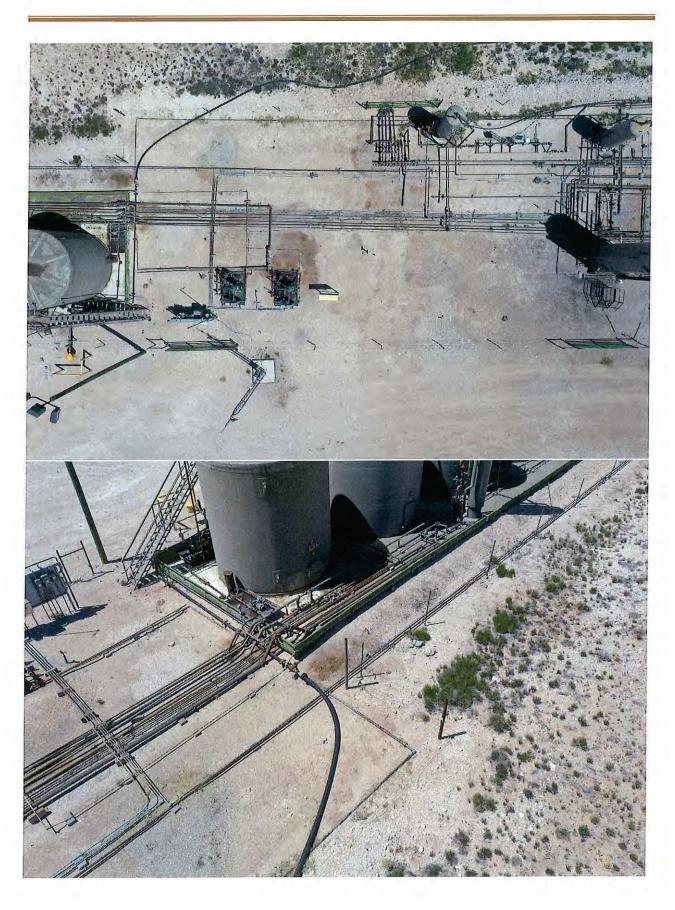


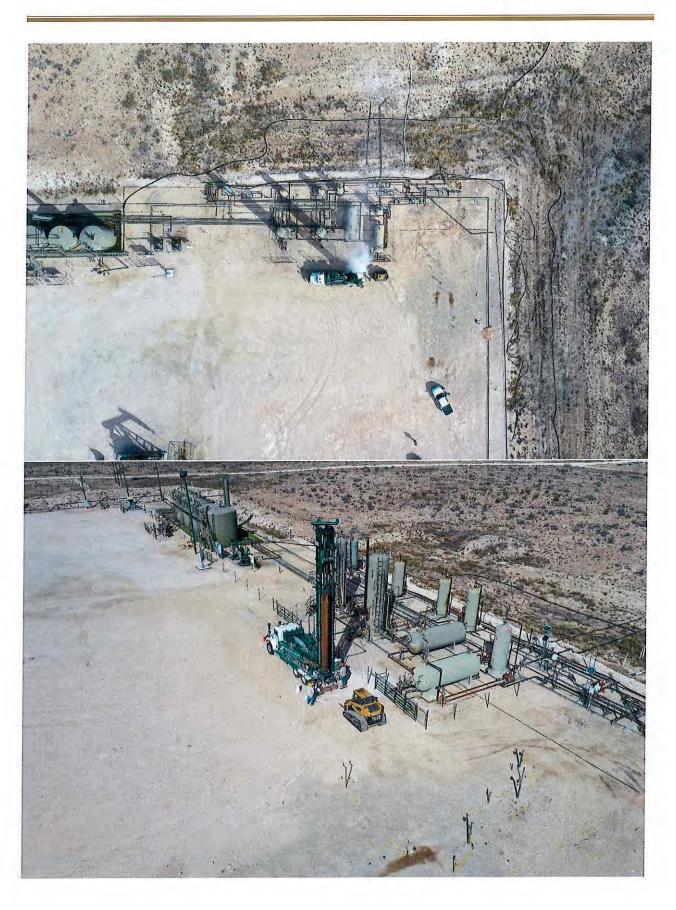
Appendix D

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



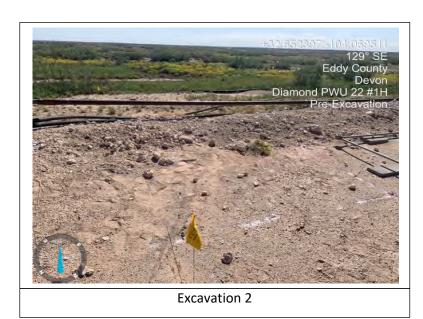
Flagging/marking excavation area



Flagging/marking excavation area



Excavation 1





Excavation 3











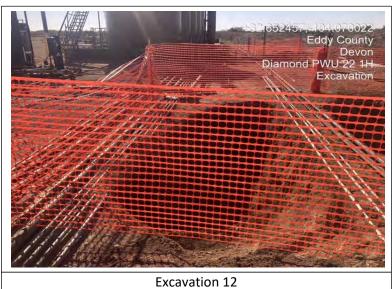




Excavation 10



Excavation 11





Released to Imaging: 12/10/2024 2:41:47 PM





Excavation 15



Excavation 16







Excavation 19



Excavation 20







Excavation 23



Excavation 24



Excavation 25



Excavation 26



Excavation 27



Excavation 28



Released to Imaging: 12/10/2024 2:41:47 PM





Excavation 31



Excavation 32









Backfill 1











Backfill Aerial 1

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







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:

Project:

2004C19-001

Matrix: SOIL

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

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

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

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:

ject: 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

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

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

Qualifiers:

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

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

Page 2 of 14

Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001H

Lab ID: 2

Project:

2004C19-003

Matrix: SOIL

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

						X 22	
Analyses	Result	RL	Qual U	Inits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	130	60	n	ng/Kg	20	5/1/2020 8:57:00 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	TOM
Diesel Range Organics (DRO)	ND	10	n	ng/Kg	1	5/1/2020 2:50:27 PM	52196
Motor Oil Range Organics (MRO)	ND	50	n	ng/Kg	1	5/1/2020 2:50:27 PM	52196
Surr: DNOP	79.3	55.1-146	9/	%Rec	1	5/1/2020 2:50:27 PM	52196
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7	n	ng/Kg	1	5/2/2020 3:09:42 AM	52191
Surr: BFB	105	66.6-105	%	6Rec	1	5/2/2020 3:09:42 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.023	m	ng/Kg	1	5/2/2020 3:09:42 AM	52191
Toluene	ND	0.047	m	ng/Kg	1	5/2/2020 3:09:42 AM	52191
Ethylbenzene	ND	0.047	m	ng/Kg	1	5/2/2020 3:09:42 AM	52191
Xylenes, Total	ND	0.094	m	ng/Kg	1	5/2/2020 3:09:42 AM	52191
Surr: 4-Bromofluorobenzene	99.9	80-120	%	6Rec	1	5/2/2020 3:09:42 AM	52191

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

Qualifiers:

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

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

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Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001H

Lab ID: 2

2004C19-004

.....

Matrix: SOIL

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

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

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

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Lab Order 2004C19

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/6/2020

CLIENT: Talon Artesia 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 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	1100					Analyst	JMT
Chloride	65000	3000		mg/Kg	1E+	5/5/2020 11:40:13 PM	52216
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	TOM
Diesel Range Organics (DRO)	300	48		mg/Kg	5	5/1/2020 9:53:28 AM	52196
Motor Oil Range Organics (MRO)	620	240		mg/Kg	5	5/1/2020 9:53;28 AM	52196
Surr: DNOP	156	55.1-146	S	%Rec	5	5/1/2020 9:53:28 AM	52196
EPA METHOD 8015D; GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Surr: BFB	103	66.6-105		%Rec	1	5/2/2020 3:56:58 AM	52191
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.025		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Toluene	ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2020 3:56:58 AM	52191
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	5/2/2020 3;56;58 AM	52191

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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

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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

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Analytical Report Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

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

Matrix: SOIL

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

		T COMPANY AND ADDRESS OF					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
PA METHOD 300.0: ANIONS	1000					Analyst:	MRA
Chloride	360	61		mg/Kg	20	5/1/2020 9:46:37 PM	52216
PA METHOD 8015M/D: DIESEL RANGE ORG	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
PA 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
PA 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
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	5/2/2020 4:44:57 AM	

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E. Value above quantitation range

J Analyte detected below quantitation limits

P Sample pl1 Not In Range

RL Reporting Limit

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Analytical Report Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8 0-1'

Project:

Diamond PWU 22 001H

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

Lab ID: 2004C19-008

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	9800	300		mg/Kg	100	5/6/2020 12:04:54 AM	52226
EPA METHOD 8015M/D: DIESEL RANGE OR	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

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

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Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9 0-1'

Project: Diamond PWU 22 001H

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

Lab ID: 2004C19-009

Matrix: SOIL

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

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

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

Qualifiers:

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

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Analytical Report Lab Order 2004C19

Date Reported: 5/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Talon Artesia

Lab ID: 2004C19-010

Surr: 4-Bromofluorobenzene

Project:

Diamond PWU 22 001H

Matrix: SOIL

Client Sample ID: S-10 0-1'

%Rec

5

5/2/2020 5:55:22 AM

52191

Collection Date: 4/29/2020 10:00:00 AM Received Date: 4/30/2020 9:00:00 AM

Batch RL Qual Units DF Date Analyzed Result Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** 52226 5/2/2020 12:00:57 PM 1600 60 mg/Kg 20 Chloride Analyst: TOM EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 5/1/2020 10:18:02 AM 52196 4800 470 mg/Kg Diesel Range Organics (DRO) 52196 5000 2300 mg/Kg 5/1/2020 10:18:02 AM Motor Oil Range Organics (MRO) 52196 %Rec 50 5/1/2020 10:18:02 AM 55.1-146 0 Surr: DNOP Analyst: RAA **EPA METHOD 8015D: GASOLINE RANGE** 52191 mg/Kg 5 5/2/2020 5:55:22 AM ND 23 Gasoline Range Organics (GRO) 5 5/2/2020 5:55:22 AM 52191 99.8 66.6-105 %Rec Surr: BFB Analyst: RAA **EPA METHOD 8021B: VOLATILES** 52191 5/2/2020 5:55:22 AM ND 0.11 mg/Kg 5 Benzene ND 0.23 mg/Kg 5 5/2/2020 5:55:22 AM 52191 Toluene 5/2/2020 5:55:22 AM ND 0.23 mg/Kg 5 52191 Ethylbenzene ND 0.46 mg/Kg 5/2/2020 5:55:22 AM 52191 Xylenes, Total

96.8

80-120

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

3 Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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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

LowLimit

Client ID: PBS

Batch ID: 52216

PQL

RunNo: 68572

SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val %REC

Prep Date: 5/1/2020

Analysis Date: 5/1/2020

Result

Result

ND

14

SeqNo: 2374259

Units: mg/Kg

Analyte

HighLimit

RPDLimit %RPD

Qual

Chloride

Sample ID: LCS-52216

SampType: Ics Batch ID: 52216 TestCode; EPA Method 300.0: Anions RunNo: 68572

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

SeqNo: 2374260

Units: mg/Kg

HighLimit

Analyte

Analysis Date: 5/1/2020 PQL

15

110

%RPD **RPDLimit**

Qual

Chloride

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Client ID: LCSS

Prep Date:

Sample ID: MB-52226

Batch ID: 52226

RunNo: 68615

93.4

Units: mg/Kg

Prep Date: 5/2/2020

Analysis Date: 5/2/2020 SPK value SPK Ref Val %REC LowLimit

SeqNo: 2374419

HighLimit

%RPD **RPDLimit**

Qual

Analyte Chloride

1.5

Sample ID: LCS-52226

5/2/2020

SampType: Ics Batch ID: 52226 TestCode: EPA Method 300.0: Anions

15.00

RunNo: 68615 SeqNo: 2374420

Units: mg/Kg

Analyte

Analysis Date: 5/2/2020 Result

SPK value SPK Ref Val %REC LowLimit

92,0

HighLimit

%RPD

RPDLimit

Qual

Chloride

PQL 1.5

15.00

0

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

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Hall Environmental Analysis Laboratory, Inc.

ND

ND

8.9

10

50

10.00

WO#: 2004C19

06-May-20

Client:

Talon Artesia

Project:

Diesel Range Organics (DRO)

Surr: DNOP

Motor Oil Range Organics (MRO)

Diamond PWU 22 001H

Sample ID: LCS-52196	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batcl	n ID: 52	196	F	tunNo: 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	n ID: 52	196	F	tunNo: 6	8578				
Prep Date: 4/30/2020	Analysis E	ate: 5/	1/2020	5	eqNo: 2	372792	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

89.1

55.1

146

Qua	ali	fi	e	rs	

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

POL 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

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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	3	Tes	tCode: E	PA Method	8015D: Gaso	oline Rang	е	
Client ID: S-2 0-1'	Batcl	1D: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E)ate: 5/	2/2020	S	eqNo: 2	373020	Units: mg/F	(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: 2004c19-002am	sd Samp1	Type: MS	3D	Tes	(Code: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: S-2 0-1'	Batc	h ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020	Analysis E	Date: 5/	2/2020	5	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	
Surr; BFB	1100		998.0		114	66.6	105	0	0	S

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

SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Batch	n ID: 52	191	F	RunNo: 6	8583				
Analysis D	ate: 5/	1/2020	5	SeqNo: 2	373048	Units: mg/k	(g		
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
ND	5.0					744			
	Batcl Analysis D Result	Batch ID: 52 Analysis Date: 5/ Result PQL		Batch ID: 52191 F Analysis Date: 5/1/2020 S Result PQL SPK value SPK Ref Val	Batch ID: 52191 RunNo: 6 Analysis Date: 5/1/2020 SeqNo: 2 Result PQL SPK value SPK Ref Val %REC	Batch ID: 52191 RunNo: 68583 Analysis Date: 5/1/2020 SeqNo: 2373048 Result PQL SPK value SPK Ref Val %REC LowLimit	Batch ID: 52191 RunNo: 68583 Analysis Date: 5/1/2020 SeqNo: 2373048 Units: mg/M Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit ND 5.0	Batch ID: 52191 RunNo: 68583 Analysis Date: 5/1/2020 SeqNo: 2373048 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD ND 5.0	Batch ID: 52191 RunNo: 68583 Analysis Date: 5/1/2020 SeqNo: 2373048 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit ND 5.0

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2004C19**

06-May-20

Client:

Talon Artesia

Project: D	iamond PWU 22	2 001H								
Sample ID: 2004c19-0	01ams Samp	туре: М	3	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: S-1 0-1'	Bat	ch ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020) Analysis	Date: 5/	2/2020	Ş	SeqNo: 2	373054	Units: mg/h	⟨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			
oluene	1.0	0.048	0.9579	0.01780	104	75.7	123			
thylbenzene	1.0	0.048	0.9579	0	107	74.3	126			
(ylenes, Total	3.1	0.096	2.874	0	107	72.9	130			
Surr: 4-Bromofluorobenze	ne 1.0		0.9579		106	80	120			
Sample ID: 2004c19 -0	01amsd Samp	туре: М	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: S-1 0-1	Bat	ch ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020) Analysis	Date: 5/	2/2020	5	SeqNo: 2	373055	Units: mg/k	⟨g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
lenzene	0.95	0.024	0.9747	0	97.0	78.5	119	2.09	20	
oluene	1.0	0.049	0.9747	0.01780	101	75.7	123	1.67	20	
thylbenzene	1.0	0.049	0.9747	0	104	74.3	126	0.919	20	
ylenes, Total	3.0	0.097	2.924	0	104	72.9	130	1.25	20	
Surr: 4-Bromofluorobenzer	ne 0.98		0.9747		101	80	120	0	0	
Sample ID: LCS-5219	l Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Bat	ch ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020) Analysis	Date: 5/	1/2020	9	SeqNo: 2	373083	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
enzene	0.94	0.025	1.000	0	94.1	80	120			
oluene	0.98	0.050	1.000	0	97.9	80	120			
thylbenzene	0.98	0.050	1.000	0	98.3	80	120			
ylenes, Total	2.9	0.10	3.000	0	97.7	80	120			
Surr: 4-Bromofluorobenzer	ne 1.0		1.000		100	80	120			
Sample ID: mb-52191	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Bate	ch ID: 52	191	F	RunNo: 6	8583				
Prep Date: 4/30/2020) Analysis	Date: 5/	1/2020	S	SeqNo: 2	373085	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
enzene	ND	0.025								
oluene	ND	0.050								

Qualifiers:

Ethylbenzene

Xylenes, Total

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

Surr: 4-Bromofluorobenzene

H Holding times for preparation or analysis exceeded

ND

ND

0.99

0.050

0.10

1.000

- 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

99.4

120

80

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

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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:	20040	19		RcptNo: 1
Received By: Juan Rojas	4/30/2020 9:00:00 AM			(Junay)	
	4/30/2020 9:05:33 AM			June (r. L.
Reviewed By: DAD 4/36/20	**************************************				**
Chain of Custody					
1. Is Chain of Custody sufficiently complete?		Yes E		No 🗆	Not Present
2. How was the sample delivered?		Courie	1		
Log In					
3. Was an attempt made to cool the samples?		Yes [No 🗌	NA 🗆
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes [0	No 🗌	NA 🗀
5. Sample(s) in proper container(s)?		Yes 🛚	3	No 🗆	
6. Sufficient sample volume for indicated test(s)?		Yes 🔽)	No □	
7. Are samples (except VOA and ONG) properly	preserved?	Yes V	9	No []	
8. Was preservative added to bottles?		Yes [No 🔽	NA 🗌
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes []	No 🗌	NA 🗹
0. Were any sample containers received broken?		Yes]	No 🔽	# of preserved
Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🔽		No 🗆	for pH: (<2.or >12 unless noted)
2. Are matrices correctly identified on Chain of Cu	stody?	Yes V	1	No 🗆	Adjusted?
3, Is it clear what analyses were requested?		Yes V	1	No 🗌	10 11 1
Were all holding times able to be met? (If no, notify customer for authorization.)		Yes V	1	No 🗆	Checked by: 30 4130/2
Special Handling (if applicable)					
15. Was client notified of all discrepancies with this	s order?	Yes [No 🗆	NA 🗹
Person Notified:	Date:	COSPANSACIA LIPLES	- vice consistent	manachternoonen eksperiotet (
By Whom:	Via:	eMail		Phone 🗌 Fax	☐ In Person
Regarding:		AZ SANSAMIZANI-A	. ACCESTS OF THE PARTY OF THE P		a kalangan ang kalangan kalang
Client Instructions:	Oreside and the second	7 50mm mm = \$55,50mm 1	Seatur straktjanistati	and the state of the state of the services and the state of the state	Designation of Class of the Committee of American Committee Commit
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal	Intact Seal No S	eal Date	ı	Signed By	

Page 1 of 1

	nann≃ Talon l		stody Record	Turn-Around in Standard	ې د Rush_	ay		202								MMC ROE		
	108 W		St	Project Name	;				416	W	ww.l	halle	nviro	nme	ental	.com		
	Address:		sia, NM 88210	D: a mond Project #:	PWU 22	#001H)1 Ha						1 N	NM 8710 45-4107	9	
Phone 7	 ¥:		TELEVISION CONTRACTOR OF THE PERSON CONTRACTOR	700794.	315.01				72313			State State	عراد	sR	equ	st		
email o		(575)	746-8905	Project Mana			£	0				9	204			Guis Constitution		
QA/QC ! □ Star	Package: idard		☐ Level 4 (Full Validation)	Chris :	Jones	4000000000	3's (802	RO/MF	PCB's		or 82705IMS	0	, PO4,			ent/Abse		
Accred		□ Az Co	ompliance	Sampler: Br	以 Yes	inclair Inc	T TWI	RO/DI	ss/8082	504.1)	or 82.	<u>s</u>	3, NO		OA)	(Prese		
□ EDE	(Type)_		Tolunce Tolunce	# of Coolers:		7740227	ATBE	sD(G	sticide	thod	8310	Meta	2	¥)-imi	iform		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type		BTEN / WTBE / TMB's (8021)	(FPH,8018	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	GIJF, Br, NO3, NO2, PO4,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)		
	n8:30	soil	5-1 0-1	4 02 jar	ice	-001	1/	V		F ₄			1					
	08:40	1	5-2 0-1			-602												
	08:50		5-3 0-1	oli jiringa a		-003							The state of the s					
	09:00		5-4 0-1			-004		1										
	29:10		5-5.0-1			-005												
	09:20		5-6 0-1		Section 1	-006			_									
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	09:40		5-8 0-1			-008				_	_	4						
	09:50	100	5-9 0-1			-009		1				-		4				
-	10:00		S-10 n-1			- 010		1					1					
			E)			<u> </u>		+										
Date:		Relinquis Relinguis	Labo	Received by	Via:	Date Time 9/29/20/59 Date Time	5	marl Dadl Rpor	ks: kins@ ns@t	talo	nipe	.com	the	foll	lowi	ng via e	email:	
Date: /	Time:	1	submitted to Hall Environmental may be su	M	2 rourier	- 4/3d/20 9/01	0		iclai								, -	1051



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	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: 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

2009A90-002

Project:

Lab ID:

Matrix: SOIL

Client Sample ID: S-2 2-3'

Diamond PWU 22 001 H

Collection Date: 9/16/2020 9:05:00 AM Received Date: 9/18/2020 8:00:00 AM

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 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

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-003

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

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/23/2020 9:52:39 PM	55380

Matrix: SOIL

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

Qualifiers:

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

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

Page 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: D

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	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JMT
Chloride	1800	60	mg/Kg	20	9/23/2020 10:05:02 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE					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

Analyses	Result	RL	Qual 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
- 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 Client Sample ID: S-5 3-4'

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

Lab ID: 2009A90-006 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	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
- 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

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Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2

2009A90-007

Client Samp

Client Sample ID: S-5 4-5'

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

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

Analyses	Result	RI.	Qual	Units	DF	Date Analyzed	Batch
Analysts	ACCOUNT		Ø 22,112	0.1110	-		
EPA METHOD 300.0: ANIONS						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

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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

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

Analyses	Result	RL	Qual U	Jnits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	140	60	n	ng/Kg	20	9/23/2020 11:19:05 PM	55380
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	n	ng/Kg	1	9/21/2020 4:12:34 AM	55278
Surr: BFB	104	70-130	9	%Rec	1	9/21/2020 4:12:34 AM	55278
EPA METHOD 8015M/D: DIESEL RANGE ORGAI	NICS					Analyst:	mb
Diesel Range Organics (DRO)	ND	9.6	n	ng/Kg	1	9/21/2020 1:02:34 PM	55283
Motor Oil Range Organics (MRO)	ND	48	n	ng/Kg	1	9/21/2020 1:02:34 PM	55283
Surr: DNOP	80.3	30.4-154	9/	6Rec	1	9/21/2020 1:02:34 PM	55283

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded 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
- \mathbf{E} Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range RL
 - Page 8 of 42 Reporting Limit

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Cli

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

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

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

Qualifiers:

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

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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 Qu	ıal 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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-011

Project:

Client Sample ID: S-5 8-9'

Cheft Sample 10: 5-5 6-5

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

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

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1400	60	mg/Kg	20	9/24/2020 8:09:46 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.
- Sample Diluted Due to Matrix
- If Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5 9-10'

Project: Diamond PWU 22 001 H

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

Lab ID: 2009A90-012

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

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID:

Project:

Client Sample ID: S5 10-11'

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

Matrix: SOIL Received Date: 9/18/2020 8:00:00 AM 2009A90-013

Analyses	Result	RL Q	ual 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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit.

PQL Practical Quanitative Limit

% 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 pll 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

Project: Diamond PWU 22 001 H

Lab ID: 2009A

2009A90-014

Client Sample ID: S5 11-12'

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

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

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

Matrix: SOIL

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

Qualifiers:

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

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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				Analysi	: 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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Diamond PWU 22 001 H

Lab ID: 2009A90-016 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		ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: 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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-017

Project:

Client Sample ID: S6 3-4'

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

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

Analyses	Result	RL Q	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

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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

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

EPA METHOD 300.0: ANIONS

Chloride

Project:

7000

Matrix: SOIL

300

mg/Kg

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded 11

Not Detected at the Reporting Limit ND

Practical 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

Diamond PWU 22 001 H

Lab ID: 2009A90-019

Project:

Client Sample ID: S6 5-6'

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

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

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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Diamond PWU 22 001 H

Lab ID: 2009A90-020

Client Sample ID: S6 6-7'

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

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

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

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-021

Project:

Client Sample ID: S6 7-8'

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

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

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Chloride
 8500
 300
 mg/Kg
 100
 9/24/2020 8:13:01 PM
 55388

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Analytical Report Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamand DW//122 001 II

Lab ID: 2009A90-022

Project:

Diamond PWU 22 001 H

Matrix: SOIL

Client Sample ID: S8 1-2'

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

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

	7000					
Analyses	Result	RL Qua	l 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	1	9/21/2020 4:40:56 AM	55280
Surr: BFB	102	70-130	%Rec	1	9/21/2020 4:40:56 AM	55280
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/22/2020 11:50:41 AM	55297
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/22/2020 11:50:41 AM	55297
Surr: DNOP	143	30,4-154	%Rec	1	9/22/2020 11:50:41 AM	55297

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

Qualifiers:

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

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

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-023

Client Sample ID: S8 2-3'

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

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

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

Matrix: SOIL

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

Qualifiers:

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

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

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CLIENT: Talon Artesia

Analytical Report

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S8 3-4'

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

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

 Analyses
 Result
 RL Qual
 Units
 DF Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Analyst: JMT

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyle detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range

RL

Reporting Limit Page 24 of 42

Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H

Lab ID: 2009A90-025

Project:

Client Sample ID: S8 4-5'

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

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

Analyses	Result	RL	Qual	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 5-61

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: Talon Artesia

Diamond PWU 22 001 H Project:

Lab ID: 2009A90-027 Client Sample ID: S8 6-7'

Collection Date: 9/16/2020 11:25:00 AM

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

Analyses	Result	_			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	CAS
Chloride	79	60	mg/Kg	20	9/24/2020 2:12:45 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.

Sample Diluted Due to Matrix

Đ Holding times for preparation or analysis exceeded Н

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

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Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 001 H Project:

Lab ID: 2009A90-028 Client Sample ID: S8 7-8'

Collection Date: 9/16/2020 11:30:00 AM

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

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

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

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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Lab Order 2009A90

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-029

Client Sample ID: S10 1-2'

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

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

Analyses	Result	RL (Qual 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

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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 Qu	al 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	ANICS				Analyst:	mb
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	9/19/2020 11:44:23 AM	55271
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/19/2020 11:44:23 AM	55271
Surr: DNOP	116	30.4-154	%Rec	1	9/19/2020 11:44:23 AM	55271

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyse detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 30 of 42

Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S10 3-4'

Project: Dian

Diamond PWU 22 001 H

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

Lab ID: 2009A90-031

Matrix: SOIL

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

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 31 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: 2009A90-032

Project:

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

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

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-033

Matrix: SOIL

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

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

ID 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

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Hall Environmental Analysis Laboratory, Inc. Date Reported: 9/28/2020

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/l	(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/l	(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/i	(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

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Date Reported: 9/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Diamond PWU 22 001 H

Lab ID: 2009A90-035

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2009A90

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: MB-55370	SampT	ype: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID: PBS	Batcl	1D: 55	370	F	RunNo: 7	2041				
Prep Date: 9/22/2020	ite: 9/22/2020 Analysis Date: 9/22/2020			8	SeqNo: 2	524536	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5		enios.			20160			

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-55370	SampT	ype: Ics		Tes	tCode: El	PA Method	300.0: Anion	S		

Chloride	ND	1.5								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Prep Date: 9/23/2020	Analysis D	oate: 9/	23/2020	. 5	SeqNo: 2	526919	Units: mg/K	(g		
Client ID: PBS	Batch	n ID: 55	380	F	RunNo: 7.	2108				
Sample ID: MB-55380	SampT	ype: ml	bik	Tes	tCode: El	PA Method	300.0: Anion	S		

Sample ID: LCS-55380	SampT	ype: lcs	•	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID: LCSS	Batch	n ID: 55	380	F	RunNo: 7	2108				
Prep Date: 9/23/2020	Analysis D	Date: 9/	23/2020	8	SeqNo: 2	526920	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

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

Sample ID: LCS-55388	SampT	Type: Ics	•	Tes	tCode: E	PA Method	300.0: Anion	15		
Client ID: LCSS	Batcl	h ID: 55	388	GF.	RunNo: 7	2108				
Prep Date: 9/23/2020	Analysis [Analysis Date: 9/24/2020			SeqNo: 2	526980	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	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

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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

SeqNo: 2528909

Units: mg/Kg

RPDLimit

Qual

Analyte

Result ND

SPK value SPK Ref Val %REC LowLimit PQL 1.5

TestCode: EPA Method 300.0: Anions

HighLimit

%RPD

Chloride

Sample ID: LCS-55410

SampType: Ics

RunNo: 72143

Prep Date: 9/23/2020

Client ID: LCSS

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

1.5

Units: mg/Kg

SeqNo: 2528910

RPDLimit

Analyte Chloride

SPK value SPK Ref Val %REC LowLimit PQL

15.00

94.7

%RPD HighLimit

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

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

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 37 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009A90**

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: LCS-55271	Samp	ype: LC	s	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batcl	n ID: 55	271	F	RunNo: 7	1994				
Prep Date: 9/18/2020	Analysis [Date: 9/	19/2020	9	SeqNo: 2	520477	Units: mg/k	⟨ 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	SampT	уре: МЕ	3LK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	*****
Client ID: PBS	Batch	1D: 55 :	271	F	RunNo: 7	1994				
Prep Date: 9/18/2020	Analysis D	ate: 9/	19/2020	9	SeqNo: 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	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	1D: 55	283	F	RunNo: 7	2031				
Prep Date: 9/19/2020	Analysis D	ate: 9/	21/2020	S	SeqNo: 2	522561	Units: mg/K	(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	SampT	SampType: MBLK Batch ID: 55283			tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	n ID: 55 2	283	F	RunNo: 7	2031				
Prep Date: 9/19/2020	Analysis D	Analysis Date: 9/21/2020 Result PQL SPK value S		5	SeqNo: 2	522562	Units: mg/k			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		127	30.4	154			

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 38 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90

28-Sep-20

Client:

Talon Artesia

4 DM/I 22 001 H

Project: Diamor	nd PWU 22 001 H	
Sample ID: 2009A90-022AN	ISD SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: S8 1-2'	Batch ID: 55297	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/22/2020	SeqNo: 2524594 Units: mg/Kg
Analyte	Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	53 9.2 45.8	
Surr: DNOP	5.5 4.58	3 119 30.4 154 0 0
Sample ID: LCS-55297	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 55297	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/22/2020	SeqNo: 2524681 Units: mg/Kg
Analyte	Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	64 10 50.0	· · · · · · · · · · · · · · · · · · ·
Surr: DNOP	7.7 5.00	0 154 30.4 154
Sample ID: LCS-55318	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 55318	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/22/2020	SeqNo: 2524682 Units: %Rec
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	3.7 5.00	0 74.6 30.4 154
Sample ID: LCS-55322	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 55322	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/22/2020	SeqNo: 2524684 Units: %Rec
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.0 5.000	0 80.5 30.4 154
Sample ID: LCS-55325	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 55325	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/23/2020	SeqNo: 2524685 Units: %Rec
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.6 5.000	
Sample ID: MB-55297	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 55297	RunNo: 72063
Prep Date: 9/21/2020	Analysis Date: 9/22/2020	SeqNo: 2524686 Units: mg/Kg
Analyte		e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	13 10.00	30.4 154

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
- PQL 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

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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

LowLimit

30.4

30.4

Client ID: PBS

Batch ID: 55318

PQL

RunNo: 72063

%REC

72.3

Prep Date: 9/21/2020

Analysis Date: 9/22/2020

SeqNo: 2524687

Units: %Rec

154

Analyte Surr: DNOP Result

SPK value SPK Ref Val

SPK value SPK Ref Val

10.00

HighLimit

RPDLimit

Qual

Sample ID: MB-55322

SampType: MBLK

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

%RPD

Client ID: PBS Prep Date:

Batch ID: 55322

Result

RunNo: 72063

Units: %Rec

154

Analyte

9/21/2020

9/21/2020

Analysis Date: 9/22/2020 PQL

SeqNo: 2524688

HighLimit

RPDLimit

Qual

Surr: DNOP

8.6 10.00 86.2

%REC

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

%RPD

PBS Client ID:

Sample ID: MB-55325

SampType: MBLK Batch ID: 55325 Analysis Date: 9/22/2020

RunNo: 72063

SeqNo: 2524689

Units: %Rec

Analyte

SPK value SPK Ref Val %REC

LowLimit HighLimit 30.4

%RPD

RPDLimit Qual

Surr: DNOP

Prep Date:

9.1

10.00

90.9

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

Reporting Limit

Sample pH Not In Range Page 40 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#:

2009A90 28-Sep-20

Client:

Talon Artesia

Project: Diamond	i PWU 22 0	001 H								
Sample ID: mb-55278	SampT	уре: М	BLK	Tes	stCode: E	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	ID: 55	278	F	RunNo: 7	1999				
Prep Date: 9/19/2020	Analysis D	ate: 9	/20/2020	\$	SeqNo: 2	520778	Units: mg/l	Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 510	5.0	500.0		101	70	130			
Sample ID: Ics-55278	SampTy	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 Da	ate: 9/	/20/2020	5	SeqNo: 2	520779	Units: mg/l	⟨g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.6	70	130			
Surr: BFB	490		500.0		98.5	70	130			
Sample ID: mb-55280	SampTy	/pe: Mi	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 Da	ate: 9/	20/2020	5	SeqNo: 2	521020	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 520	5.0	500.0		104	70	130			
Sample ID: Ics-55280	SampTy	/pe: 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 Da	ate: 9/	20/2020	8	SeqNo: 28	521021	Units: mg/h	ζg		
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	100	***	
Sample ID: 2009a90-022ams	SampTy	pe: MS	3	Tes	Code: EF	A Method	8015D Mod:	Gasoline I	Range	
Client ID: \$8 1-2'	Batch	ID: 55	280	R	RunNo: 71	1999				
Prep Date: 9/19/2020	Analysis Da	ite: 9/	21/2020	s	iegNo: 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	W	100	70	130			
Sample ID: 2009a90-022amsd	I SampTy	pe: MS	D	Test	Code: EF	A Method	8015D Mod:	Gasoline I	Range	
Client ID: \$8 1-2'	Batch	ID: 55 2	280	R	tunNo: 72	2064				
						.04700	Unite: madd	·		
Prep Date: 9/19/2020	Analysis Da	ite: 9/	22/2020	5	eqNo: 28	24729	Units: mg/K	y		

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

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

Page 41 of 42

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009A90

Qual

RPDLimit

20

0

28-Sep-20

Client:

Talon Artesia

Project:

Diamond PWU 22 001 H

Sample ID: 2009a90-022amsd

SampType: MSD

TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: S8 1-2'

Batch ID: 55280

RunNo: 72064

%RPD

7.67

0

Prep Date: 9/19/2020

Analysis Date: 9/22/2020

SeqNo: 2524729

Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Gasoline Range Organics (GRO)	20	4.9	24.58	0	82.0	49.2	122
Surr: BFB	500		491.6		102	70	130

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:	Talon Artesia	Work Order Nun	nber: 200	9A90		RcptNo: 1
Received By:	Cheyenne Cason	9/18/2020 8:00:00	AM			
Completed By:	Juan Rojas	9/18/2020 8:27:22	AM		Grane &	
Reviewed By:	2m 9/18/20					
Chain of Cus	tody					
1. Is Chain of C	ustody complete?		Yes	V	No 🗌	Not Present
2. How was the	sample delivered?		Cou	<u>rier</u>		
Log In						
3. Was an atten	npt made to cool the samples	1?	Yes	V	No 🗆	NA 🗆
4. Were all samp	oles received at a temperatur	re of >0° C to 6.0°C	Yes	V	No 🗆	NA 🗆
5. Sample(s) in p	proper container(s)7		Yes	\checkmark	No 🗆	
6, Sufficient sam	ple volume for indicated test	(s)?	Yes	V	No 🗆	
7. Are samples (except VOA and ONG) prope	erly preserved?	Yes	V	No 🗆	
8. Was preserva	tive added to bottles?		Yes		No 🗹	NA 🗆
9. Received at le	ast 1 vial with headspace <1	/4" for AQ VOA?	Yes		No 🗆	NA ☑
10. Were any san	nple containers received brok	ten?	Yes		No 🗹	# of preserved
	rk match bottle labels? incles on chain of custody)		Yes	V	No 🗆	for pH: (<2 or >12 unless noted)
12. Are matrices c	orrectly identified on Chain o	f Custody?	Yes		No 🔲	Adjusted?
13. Is it clear what	analyses were requested?		Yes	V	No 🛚	Checked by: 12 9/8/24
	ng times able to be met? astomer for authorization.)		Yes	\mathbf{V}	No 🗔	Checked by: (12 9/0) Cr
Special Handli	ng (if applicable)					
15. Was client not	lified of all discrepancies with	this order?	Yes		No 🗔	NA ☑
Person I	Notified:	Date	T	-		
By Who	m: J	Via:	□ еМа	il 🗆 F	Phone Fax	☐ In Person
Regardir						
	structions:	× 0.0 (m)			unament of the second of the s	Milandon V V V V V V V V V V V V V V V V V V V
16. Additional ren	пагқа:					
17. Cooler Inform	OF CONTRACTOR OF THE CONTRACTO	Seal Intact Seal No	Seal Da	to I	Signed By	V.
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Jient <u>.</u>	HUN	<u>UE</u>	Istody Record O.TEXAS AVE	⋉ Standa Project Na	nd Time: 4- DA rd □ Rush me:	(DIAMOND)		1868		ÆA.∰ w∧	個点 vw.h	LYS allenv	SIS rironr	B L nent	AB(al.com	IME ORA 1 87109	ATC	"AL Dr?	7
hone ?	#: <i>575-</i>	746-87	1-0	-				Te	I. 505	-345-	397	5 8	Fay	505	315 1	407			
email o	r Fax#:		<u> </u>	700794	. 315.01					7. 157). 	.t.~,.u	Amak	SS	200	lias:	107			
	⊃ackage:			Project Ma	nager:			<u> </u>		Sales and second	ARCHINE.	4		-					#
□ Stan	dard		☐ Level 4 (Full Validation)	R. PONS			(8021)	/MRO)	CB's	1.1)	2	O4, SO ₄			Coliform (Present/Absent)				
Accredi ¬	tation:		pmpliance		CONNIE RODI	811.4	TMB's)KC	12 P	705	3	г, Р			nt//				
J EDD	AC (Type)	□ Othe		On Ice:	Ø/Yes	□ No	F	3/[308/	7.4 Ca	2	NO2, PO₄,			ese				
<u></u>	(i Abe)			# of Cooler	s: (BE/	GR(des	504) N	NO ₃ ,		Q	<u>a</u>		.		
				Cooler Ter	np(including CF): S. S	+0.1=5.6	MTE	50(ifici	tho R34	John Staff	ž	(F)	ni-	orm				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative		BTEX/ 1	TPH:8015D(GRO / DRO	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PCRA 8 Metale	(C)F, Br,	8260 (VOA)	8270 (Semi-VOA)	Total Collif				
1-16-20	9:00	Soil	5-2 1-2'	GLASS !		-	<u> </u>	느	8			(0)	82	82	오				
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Chain-of-Custody Record Client: Thun UPE Mailing Address: 408 W.TEXAS AVE	A Standard	Time: 4-DA Rush e: PWU 22	(DIAMOND)		,	II Ha	WW	ข <i>ะ</i> ⊾⊾ /w.ha	∍ V ≧ llenv	ironr	∍ <u>L</u> nent	RONI ABO	RAT	ITAI For	T
Phone #: 575-746-8768	_	7 h.m			Te	. 505	-345-	3975	F	ax :	505_	e, NM 8	٦-7		
email or Fax#:	706794. Project Mana	315.0[\naliy	Sign	(a)	uest			E POST V
QA/QC Package:	J. reject Malla	igei.			0				7						
☐ Standard ☐ Level 4 (Full Validation)	R. PONS			(8021)	/MRO)	B's	8		, SO ₄			Total Coliform (Present/Absent)			
Accreditation: Az Compliance	D. PONS			S	0	PCB's	SIS		PO4,		ĺ	App			
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□ EDD (Type)	# of Coolers:	Ž Yes	□ No	_	2	8081 Pesticides/8082	ELLB (Method 504.1) PAHs bv 8310 or 827				7	res			
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	i	307.55	+0.1=5.6	Σ	150	stic	etri(Ğ	Z	8	Ħ.	iforr			
Date Time Matrix Sample Name	Container	Preservative	HEAL No.		TPH:8015D(GRO	1 P	M) qs	RCRA 8 Metals	CIJF, Br, NO3,	3260 (VOA)	8270 (Semi-VOA)	Col			
2 th a land	Type and #	Туре	70091990	BTEX,	五	80	<u> </u>	R	F	560	07:	ta			
	GLASS 1	ICE /COOL	-613			<u>ω ι</u>	파 요	_ K		-82	82				İ
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10:40 56 5-6'		4	-018		-				X						
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THA 1900 GOVIMA	in.		Date Time												
If necessary, samples submitted to Hall Environmental may be sub-	W.	Crus	9/18/20 08W										Pg 2		

Chain-of-Custody Record Client: Thur UPE Mailing Address: 408 W.Texas Ave	A Standard	Time: - DA I □ Rush e: D PWU 22	(DIAMOND)		490)1 Ha	W	ww.h	allen	அ <u>ய</u> √iron	≫i <u>L</u> men	AB tal.co	NM 30R m vi 871(at	Tai Or	L
Phone #: 575-746-8768 email or Fax#:	706794	315.01			Te	I. DU:	2-345	-397	5	Fax	505	-345_	4407			
QA/QC Package:	Project Mana	ager:			<u>()</u>	غو (رواا <u>-</u>				YSIS	Ree		4107			
☐ Standard ☐ Level 4 (Full Validation) Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other ☐ EDD (Type)	# of Coolers:		BIGGEZ □ No S+0.1= S.5	MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	RCRA 8 Metals	NO ₃ , NO ₂ , PO ₄ , SO ₄	A)	ni-VOA)	Coliform (Present/Absent)				
Date Time Matrix Sample Name 1-16-20 11:15 Soil S& 4-5	Container Type and #	Preservative Type	HEAL No. 70091990	BTEX/	TPH:801	8081 Pe	EDB (Me	RCRA 8 Metals	C) F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Colife				
11:20 / 58 5-6'	GLASS 1	ICE COOL	-015 -076							8	8	 -		+		
1000	Polymonia in the Polymo	0.00						-) All limited and a second							
11:30 S8 7-81 11:40 510 1-2'			-028		-			<u> </u>								
11:45 / 510 2-31	<u> </u>		-029		X	_		_								
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If necessary, samples submitted to Hall Environmental may be subc	an	com g	9/18/20 0800													



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

October 29, 2020

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

RE: Devon Energy Diamond PM4 22 #001H

OrderNo.: 2010B10

Dear Rebecca Pons:

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

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2010B10

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 0-1'

Project:

Devon Energy Diamond PM4 22 #001H

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

Lab ID: 20

2010B10-001

Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	7400	300	mg/Kg	100	10/27/2020 7:08:00 PM	56038
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/24/2020 4:41:15 PM	56001
Surr: BFB	102	70-130	%Rec	1	10/24/2020 4:41:15 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE ORGA	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

Lab Order 2010B10

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PM4 22 #001H

Lab ID:

Project:

2010B10-002

Matrix: SOIL

Client Sample ID: S-12 0-1'

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

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

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

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
- 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 ORGAN	lics				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

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Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PM4 22 #001H

Lab ID: 2010B10-004

-6.5

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 1	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		3300				Analyst:	CAS
Chloride	1600	61	11 119	mg/Kg	20	10/26/2020 4:10:00 PM	56038
EPA METHOD 8015D MOD: GASOLINE R	ANGE					Analyst:	DJF
Gasoline Range Organics (GRO)	ND	5.0	1	mg/Kg	1	10/24/2020 8:01:26 PM	56001
Surr: BF8	103	70-130		%Rec	1	10/24/2020 8:01:26 PM	56001
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.6	1	mg/Kg	1	10/24/2020 5:41:11 PM	56002
Motor Oil Range Organics (MRO)	ND	48	l j	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 SHOR	TLIST					Analyst:	DJF
Benzene	ND	0.025	ı	ng/Kg	1	10/24/2020 8:01:26 PM	56001
Toluene	ND	0.050	1	ng/Kg	1	10/24/2020 8:01:26 PM	56001
Ethylbenzene	ND	0.050	r	ng/Kg	1	10/24/2020 8:01:26 PM	56001
Xylenes, Total	ND	0.10	r	ng/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	9	%Rec	1	10/24/2020 8:01:26 PM	56001
Surr: Dibromofluoromethane	103	70-130	0	%Rec	1	10/24/2020 8:01:26 PM	56001
Surr: Toluene-d8	98.7	70-130	0	%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

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Date Reported: 10/29/2020

10/24/2020 6:05:34 PM 56002

10/24/2020 6:05:34 PM 56002

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 0-1'

mg/Kg

%Rec

1

Project:

Analyses

Chloride

Surr: BFB

Surr: DNOP

Devon Energy Diamond PM4 22 #001H

EPA METHOD 8015D MOD: GASOLINE RANGE

EPA METHOD 8015M/D: DIESEL RANGE ORGANICS

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

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

Lab ID: 2010B10-005

EPA METHOD 300.0: ANIONS

Gasoline Range Organics (GRO)

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

Matrix: SOIL

Result

ND

ND

107

ND

ND

80.9

RL Qual Units DF Date Analyzed Batch Analyst: CAS 10/26/2020 4:22:24 PM 56038 60 mg/Kg Analyst: DJF 10/24/2020 8:30:00 PM 56001 4.9 mg/Kg 10/24/2020 8:30:00 PM 56001 70-130 %Rec 1 Analyst: BRM 10/24/2020 6:05:34 PM 56002 mg/Kg 9.8

				Analyst:	DJF
ND	0.025	mg/Kg	1	10/24/2020 8:30:00 PM	56001
ND	0.049	mg/Kg	1	10/24/2020 8:30:00 PM	56001
ND	0.049	mg/Kg	1	10/24/2020 8:30:00 PM	56001
ND	0.098	mg/Kg	1	10/24/2020 8:30:00 PM	56001
92.9	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
105	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
107	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
106	70-130	%Rec	1	10/24/2020 8:30:00 PM	56001
	ND ND ND 92.9 105 107	ND 0.049 ND 0.049 ND 0.098 92.9 70-130 105 70-130 107 70-130	ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg 92.9 70-130 %Rec 105 70-130 %Rec 107 70-130 %Rec	ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.098 mg/Kg 1 92.9 70-130 %Rec 1 105 70-130 %Rec 1 107 70-130 %Rec 1	ND 0.025 mg/Kg 1 10/24/2020 8:30:00 PM ND 0.049 mg/Kg 1 10/24/2020 8:30:00 PM ND 0.049 mg/Kg 1 10/24/2020 8:30:00 PM ND 0.098 mg/Kg 1 10/24/2020 8:30:00 PM 92.9 70-130 %Rec 1 10/24/2020 8:30:00 PM 105 70-130 %Rec 1 10/24/2020 8:30:00 PM 107 70-130 %Rec 1 10/24/2020 8:30:00 PM

49

30.4-154

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

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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

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

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

Qualifiers:

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

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Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17 0-1'

Project: 2010B10-007

Lab ID:

Devon Energy Diamond PM4 22 #001H

Matrix: SOIL

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 ORGAN	VICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/24/2020 6:54:22 PM	56002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/24/2020 6:54:22 PM	56002
Surr: DNOP	84.3	30.4-154	%Rec	1	10/24/2020 6:54:22 PM	56002
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.025	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Toluene	ND	0.050	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Ethylbenzene	ND	0.050	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Xylenes, Total	ND	0.10	mg/Kg	1	10/24/2020 9:27:02 PM	56001
Surr: 1,2-Dichloroethane-d4	90.4	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: Dibromofluoromethane	104	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001
Surr: Toluene-d8	105	70-130	%Rec	1	10/24/2020 9:27:02 PM	56001

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

Qualifiers:

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

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

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Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 0-1'

Project: Devon Energy Diamond PM4 22 #001H

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

Lab ID: 2010B10-008

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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B10

29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: MB-56038

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 56038

PQL

1.5

RunNo: 72931

Units: mg/Kg

Prep Date: 10/26/2020

Analysis Date: 10/26/2020

SeqNo: 2564017

HighLimit

RPDLimit %RPD

Qual

Analyte Chloride

Sample ID: LCS-56038

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

SampType: ics

RunNo: 72931

SPK value SPK Ref Val %REC LowLimit

Analysis Date: 10/26/2020

Result

ND

SeqNo: 2564018

Units: mg/Kg

HighLimit

%RPD **RPDLimit**

Analyte

Prep Date: 10/26/2020

PQL

Batch ID: 56038

15.00

92.5

LowLimit

Qual

Chloride

14

90

110

1.5

SPK value SPK Ref Val

%REC

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND Practical Quanitative Limit POL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010B10**

29-Oct-20

....

Client:

Talon Artesia

	rtesia									
Project: Devon E	nergy Diar	nond Pi	M4 22 #00	lH				1-10-		
Sample ID: MB-56002	Samp1	ype: Mi	BLK	Tes	tCode: E	PA Method	8015M/D: D	esel Rang	e Organics	
Client ID: PBS	Batcl	n ID: 56	002	F	RunNo: 7	2912				
Prep Date: 10/23/2020	Analysis D)ate: 10	0/24/2020	5	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: El	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	S	SeqNo: 2	562945	Units: mg/l	(g		
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	70	130			
Surr: DNOP	5.1		5.000		101	30.4	154			
Sample ID: 2010B10-001AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Sample ID: 2010B10-001AMS Client ID: S-11 0-1'	,	ype: MS			Code: El		8015M/D: Di	esel Rang	e Organics	
•	,	ID: 56	002	F		2912	8015M/D: Di		e Organics	
Client ID: S-11 0-1'	Batch	ID: 56	002 0/24/2020	F	tunNo: 7: SeqNo: 2:	2912			e Organics RPDLimit	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020	Batch Analysis D	i ID: 56 0 ate: 10	002 0/24/2020	R S	tunNo: 7: SeqNo: 2:	2912 562947	Units: mg/k	(g	·	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte	Batch Analysis D Result	ID: 56 0 ate: 10	002 0/24/2020 SPK value	SPK Ref Val	tun N o: 7 : SeqNo: 2 : %REC	2912 562947 LowLimit	Units: mg/k	(g	·	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte Diesel Range Organics (DRO)	Batch Analysis D Result 130 5.0	ID: 56 0 ate: 10	002 0/24/2020 SPK value 48.59 4.859	SPK Ref Val 73.46	RunNo: 7: SeqNo: 2: %REC 116 103	2912 562947 LowLimit 15 30.4	Units: mg/F HighLimit	Kg %RPD	RPDLimit	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP	Batch Analysis D Result 130 5.0 D SampT	PQL 9.7	002 0/24/2020 SPK value 48.59 4.859	SPK Ref Val 73.46	RunNo: 7: SeqNo: 2: %REC 116 103	2912 562947 LowLimit 15 30.4 PA Method	Units: mg/k HighLimit 184 154	Kg %RPD	RPDLimit	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2010B10-001AMS	Batch Analysis D Result 130 5.0 D SampT	PQL 9.7 9.7 9.1D: 560	002 0/24/2020 SPK value 48.59 4.859	SPK Ref Val 73.46 Test	RunNo: 7: SeqNo: 29 %REC 116 103 Code: EF	2912 562947 LowLimit 15 30.4 PA Method	Units: mg/k HighLimit 184 154	kg %RPD esel Range	RPDLimit	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2010B10-001AMS Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte	Batch Analysis D Result 130 5.0 D SampT Batch Analysis D Result	PQL 9.7 ype: MS ate: 10 PQL 9.7 PQL 9.7	002 0/24/2020 SPK value 48.59 4.859 6D 002 0/24/2020 SPK value	SPK Ref Val 73.46 Test R S SPK Ref Val	eunNo: 7: seqNo: 2: %REC 116 103 Code: EF tunNo: 7: seqNo: 2: %REC	2912 562947 LowLimit 15 30.4 PA Method 2912 562948 LowLimit	Units: mg/k HighLimit 184 154 8015M/D: Did Units: mg/k HighLimit	Kg %RPD esel Rango g WRPD	RPDLimit Organics RPDLimit	Qual
Client ID: S-11 0-1' Prep Date: 10/23/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2010B10-001AMS Client ID: S-11 0-1' Prep Date: 10/23/2020	Batch Analysis D Result 130 5.0 D SampT Batch Analysis D	PQL 9.7 ype: MS	002 0/24/2020 SPK value 48.59 4.859 6D 002 0/24/2020	SPK Ref Val 73.46 Test	eqNo: 7: eqNo: 2: %REC 116 103 Code: EF	2912 562947 LowLimit 15 30.4 PA Method 2912 562948	Units: mg/k HighLimit 184 154 8015M/D: Did	Kg %RPD esel Rango	RPDLimit Organics	hal Vive

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

If Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit Page 10 of 13

Hall Environmental Analysis Laboratory, Inc.

WO#:

2010B10

29-Oct-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PM4 22 #001H

Sample ID: mb-56001 Client ID: PBS		SampType: MBLK TestCode: EPA Method 8260B; Volatiles Short List Batch ID: 56001 RunNo: 72901							List	
Prep Date: 10/23/2020	Analysis I	Date: 10	0/24/2020	\$	SeqNo: 2	562492	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025				and the control of				
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	\$4	Tes	tCode: E	PA Method	8260B: Vola	tiles Short	List	
Client ID: BatchQC	Bato	h ID: 56	001	F	RunNo: 7	2901				
Prep Date: 10/23/2020	Analysis I	Date: 10	1/24/2020	5	SeqNo: 2	562493	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1,000	0	91.3	80	120		Summer's	
Toluene	1.0	0.050	1,000	0	105	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.9	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.5000		104	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130			
Surr: Toluene-d8	0.52		0.5000		103	70	130			

Sample ID: 2010b10-001ams	Sampl	ype: MS	34	TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: S-11 0-1'	Batcl	h ID: 56	001	F	RunNo: 7	2901								
Prep Date: 10/23/2020	Analysis Date: 10/24/2020			\$	SeqNo: 2	562495	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene	1.0	0.025	0.9960	0	104	71.1	115							
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	d Sampi	Type: MS	SD4	Tes	List							
Client ID: S-11 0-1'	Batc	h ID: 56	001	F	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				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: Project: Talon Artesia

Devon Energy Diamond PM4 22 #001H

Sample ID: mb-56001	Samp	Гуре: МІ	3LK	TestCode: EPA Method 8015D Mod: Gasoline Range										
Client ID: PBS	Batc	h ID: 56	001	F	RunNo: 7	2901								
Prep Date: 10/23/2020	Analysis E	Analysis Date: 10/24/2020			SeqNo: 2	562518	Units: mg/h							
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: LO	s	Tes	tCode: E	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	ID: 56	001	F	RunNo: 7	2901				
Prep Date: 10/23/2020	Analysis D	ate: 10)/24/2020	S	SeqNo: 2	562519	Units: mg/h	(g		
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	tCode: E	PA Method	8015D Mod:	Gasoline	Range	
Client ID: S-12 0-1'	Batch	1D: 56	001	F	RunNo: 7	2901				
Prep Date: 10/23/2020	Analysis D	ate: 16	0/24/2020	8	SeqNo: 2	562522	Units: mg/k	(g		
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	1D: 56	001	F	RunNo: 7	2901				
Prep Date: 10/23/2020	Analysis D	ate: 10	/24/2020	S	SeqNo: 2	562523	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range 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

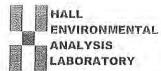
S % Recovery outside of range due to dilution or matrix

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 Page 13 of 13



Sample Log-In Check List

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Analysis Laboratory
ENVIRONMENTAL	4901 Hawkins NF.
ANALYSIS	Albuquerque, NM 87109
LABORATORY	TEL: 505-345-3975 FAX: 505-345-4107
LABORATORT	Website: clients.hallenvironmental.com

Client Name:	Talon Ar	lesia	Worl	k Order Nun	nber: 201	0B10			ReptNo: 1	
Received By:	Cheyen	ne Cason	10/23/2	2020 8:00:0	0 AM					
Completed By	: Isaiah C	Ortiz	10/23/	2020 8:17:1	2 AM		49	~ . (.	1.4	
Reviewed By:		10.2							00,000	
Chain of Cu	stody									
1. Is Chain of		plete?			Yes	V	No		Not Present	
2. How was the	e sample del	livered?			Cou	rier				
Log In										
3. Was an atte	mpt made to	cool the sam	ples?		Yes	V	No		NA 🗆	
4. Were all san	nples receive	ed at a temper	ature of >0° C	to 6.0°C	Yes		No	V	NA. 🗆	
5. Sample(s) in	proper cont	ainer(s)?			Yes	v	No			
6. Sufficient sar	mple volume	for indicated	test(s)?		Yes	V	No			
7. Are samples				ed?		V	No	4-4		
8. Was preserve					Yes		No		NA 🗆	
9. Received at I	east 1 vial w	ith headspace	<1/4" for AQ \	/OA?	Yes		No		NA 🔽	, m
10, Were any sa	mple contair	ners received	broken?		Yes		No	V	# of preserved	and the same of th
11. Does paperw					Yes	V	No		bottles checked for pH:	Calcar Salas W
(Note discrep					Van	V	No		Adjusted?	funless noted)
12. Are matrices 13. Is it clear wha			The second secon			V	No			
14. Were all hold		and a state of the state of	ur			V	No		Checked by: 102	10/03/50
(If no, notify o)-		103	123	110	, r	/ 0,	
Special Hand	ling (if ap	plicable)								
15. Was client no	otified of all o	discrepancies	with this order?	2	Yes		No		NA 🗹	
Person	Notified:		tongene gybrate (300 metricumbations on to	Date:		175208WW0000044	Transit I can the action had bear	sterni Harsh		
By Wh	om:	<u>pina anama www.</u>	September 1994 - Marie September 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 -	Via:		ıil 🔲	Phone [Fax	In Person	
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Client I	nstructions:		1900 mandalastica anas Lib	- Control of the Cont		uncurrentife -	· · · · · · · · · · · · · · · · · · ·	i e e maj tradit, pastaj	oku, praežini (1 (4 d.) (1 v.), pl. priloje v vjet traznavani se rez	
16. Additional re	emarks:									
17. Cooler Info	rmation									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	ate	Signed	Ву		
1	0.2	Good	Not Present							
3	4.0 -0.6	Good	Not Present Not Present							
-0	-0.0	Good	NOTESTA							

Page 1 of 1

Received by OCD: 11/26/2024 9:48:41 AM

Client:			LPE	Turn-Around Standard Project Nam	7 -	day					ia M	LL Al	E Y	NV SIS	TIF 5 L	ron Ab(ME Dr/	:NT atc	al Iry
Mailing	Address	i. Qa	file			2 #0011t	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107												
Phone				700794	315.01			16	el. 50	15-34	15-3	-	The section				07		W W
email o				Project Mana	ager:		_							99	lv∢⊕(o	uest	_		
QA/QC ☐ Star	Package: idard		☐ Level 4 (Full Validation)	R Pons			(8021	/ MRC	PCB's	THAT	IMS		J4, SO4			Absent			
□ NEL	AC	☐ Az C	ompliance	Sampler: B	Sinclair WYes	□No	TIMB's (8021)	/DRO	8082 P	504.1)	8270SIMS		NO2, PO4,			esent/			
	(Type)			# of Coolers:	1/5	when .	MTBE/	D(GRO	ioides/	,09 bor	8310 or	letals		()	i-VOA)	orm (Pr			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	i wasan	BTEX) N	(PH)8015D(GRO/DRO/MRO)	8081 Pesticides/8082	EDB (Method	PAHs by 8	RCRA 8 Metals	CIJF, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)			
10-21	11:42	soil	5-11 0-1	4 02 jar	ice	001	1	1	ω	Ш	11	r	<u>0</u>	. 8	88	F			-
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

December 03, 2020

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

RE: Devon Energy Diamond PWU 22 001H

OrderNo.: 2011C43

Dear Rebecca Pons:

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

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

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

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

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

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	3000	150	mg/Kg	50	11/30/2020 11:25:20 AM	A 56676
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Surr: BFB	103	70-130	%Rec	1	11/28/2020 5:08:27 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/1/2020 12:03:16 PM	56713
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/1/2020 12:03:16 PM	56713
Surr: DNOP	129	30.4-154	%Rec	1	12/1/2020 12:03:16 PM	56713
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.023	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Toluene	ND	0.047	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Ethylbenzene	ND	0.047	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Xylenes, Total	ND	0.094	mg/Kg	1	11/28/2020 5:08:27 PM	56663
Surr: 1,2-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 ORGA	NICS				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	F F3	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

2011C43-005 Lab ID:

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.

Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 5 of 32

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-006 Client Sample ID: S-11 10'

Collection Date: 11/19/2020 1:45:00 PM

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

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

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

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

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

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

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

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	yst: VP
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

QL 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

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-008

Project:

3-008 Matrix: SOIL

Client Sample ID: S-12 2'

Collection Date: 11/19/2020 11:15:00 AM

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

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

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

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

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

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-010

Project:

Client Sample ID: S-12 4'

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		38811			Analyst:	VP
Chloride	290	61	mg/Kg	20	11/27/2020 4:57:05 AM	56676
EPA METHOD 8015D MOD: GASOLINE I	RANGE				Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/28/2020 7:31:01 PM	56663
Surr: BFB	104	70-130	%Rec	1	11/28/2020 7:31:01 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	12/1/2020 12:51:09 PM	56713
Motor Oil Range Organics (MRO)	60	43	mg/Kg	1	12/1/2020 12:51:09 PM	56713
Surr: DNOP	92.8	30.4-154	%Rec	1	12/1/2020 12:51:09 PM	56713
EPA METHOD 8260B: VOLATILES SHOP	RT LIST				Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	11/28/2020 7:31:01 PM	56663
Toluene	ND	0.048	mg/Kg	1	11/28/2020 7:31:01 PM	56663
Ethylbenzene	ND	0.048	mg/Kg	1	11/28/2020 7:31:01 PM	56663
Xylenes, Total	ND	0.096	mg/Kg	1	11/28/2020 7:31:01 PM	56663
Surr: 1,2-Dichloroethane-d4	107	70-130	%Rec	1	11/28/2020 7:31:01 PM	56663
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	11/28/2020 7:31:01 PM	56663
Surr; Dibromofluoromethane	113	70-130	%Rec	1	11/28/2020 7:31:01 PM	56663
Surr: Toluene-d8	89.9	70-130	%Rec	1	11/28/2020 7:31:01 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.

b Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range E

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit RL

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-12 6

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

 Lab ID:
 2011C43-011
 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
 300
 60
 mg/Kg
 20
 11/27/2020 5:34:19 AM
 56676

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

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

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

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

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	240	60	mg/Kg	20	11/28/2020 10:32:51	AM 56677

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-013

Client Sample ID: S-12 10' R

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

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

Analyses	Result	RL Q	ual Units	DF Date Analyze	ed Batch
EPA METHOD 300.0: ANIONS					Analyst: 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 Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

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

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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

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

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

QL 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

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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 56677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/28/2020 8:28:04 PM 56663
Surr: BFB	105	70-130	%Rec	1	11/28/2020 8:28:04 PM 56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/30/2020 11:12:03 AM 56680
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/30/2020 11:12:03 AM 56680
Surr: DNOP	76.5	30.4-154	%Rec	1	11/30/2020 11:12:03 AM 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

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-016

Matrix: SOIL

Client Sample ID: S-13 4'

Collection Date: 11/19/2020 1:15:00 PM Received Date: 11/25/2020 8:00:00 AM

Analyses	Result	RL (Qual Units	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

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

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-017

Client Sample ID: S-13 6'

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

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

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

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

II Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

Native detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-018

Matrix: SOIL

Client Sample ID: S-13 8'

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded н

Not Detected at the Reporting Limit ND

Practical Quantitative Limit PQL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL. Reporting Limit Page 18 of 32

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-019

Client Sample ID: S-13 10' R

Collection Date: 11/19/2020 1:25:00 PM

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

Analyses	Result	RL Qı	ıal 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.

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

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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

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: Vi	Р
Chloride	150	59	mg/Kg	20	11/28/2020 12:36:56 PM 56	6677
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: D.	JF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/28/2020 9:25:00 PM 56	6663
Surr: BFB	104	70-130	%Rec	1	11/28/2020 9:25:00 PM 56	8663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: Bl	RM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/30/2020 11:31:03 AM 56	6680
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/30/2020 11:31:03 AM 56	3680
Surr: DNOP	73.1	30.4-154	%Rec	1	11/30/2020 11:31:03 AM 56	3680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: D	JF
Benzene	ND	0.025	mg/Kg	1	11/28/2020 9:25:00 PM 56	6663
Toluene	ND	0.049	mg/Kg	1	11/28/2020 9:25:00 PM 56	6663
Ethylbenzene	ND	0.049	mg/Kg	1	11/28/2020 9:25:00 PM 56	6663
Xylenes, Total	ND	0.099	mg/Kg	1	11/28/2020 9:25:00 PM 56	6663
Surr: 1,2-Dichloroethane-d4	102	70-130	%Rec	1	11/28/2020 9:25:00 PM 56	6663
Surr: 4-Bromofluorobenzene	99.5	70-130	%Rec	1	11/28/2020 9:25:00 PM 56	6663
Surr: Dibromofluoromethane	109	70-130	%Rec	1	11/28/2020 9:25:00 PM 56	6663
Surr: Toluene-d8	90.4	70-130	%Rec	1	11/28/2020 9:25:00 PM 56	3663

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

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Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/3/2020

CLIENT: Talon Artesia

Client Sample ID: S-14 2'

Project: Devon Energy Diamond PWU 22 001H

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

Lab ID: 2011C43-021

Matrix: SOIL

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

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

E Value above quantitation range

Analyte detected below quantitation limits

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

Project: 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 Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	190	61	mg/Kg	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/Kg	1	11/28/2020 10:21:47 PM	56663
Surr: BFB	105	70-130	%Rec	1	11/28/2020 10:21:47 PM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/30/2020 11:50:04 AM	56680
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/30/2020 11:50:04 AM	56680
Surr: DNOP	84.1	30.4-154	%Rec	1	11/30/2020 11:50:04 AM	56680
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	11/28/2020 10:21:47 PM	56663
Toluene	ND	0.048	mg/Kg	1	11/28/2020 10:21:47 PM	56663
Ethylbenzene	ND	0.048	mg/Kg	1	11/28/2020 10:21:47 PM	56663
Xylenes, Total	ND	0.095	mg/Kg	1	11/28/2020 10:21:47 PM	56663
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	1	11/28/2020 10:21:47 PM	56663
Surr: 4-Bromofluorobenzene	97.5	70-130	%Rec	1	11/28/2020 10:21:47 PM	
Surr: Dibromofluoromethane	113	70-130	%Rec	1	11/28/2020 10:21:47 PM	
Surr: Toluene-d8	90.8	70-130	%Rec	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

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Lab Order 2011C43

Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-023

Client Sample ID: S-14 4'

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

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

Analyses	Result	RL	Qual	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 R.	ANGE					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	ORGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.3	- 1	mg/Kg	1	11/30/2020 11:59:36 AM	1 56680
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2020 11:59:36 AM	1 56680
Surr: DNOP	95.2	30.4-154		%Rec	1	11/30/2020 11:59:36 AM	1 56680
EPA METHOD 8260B: VOLATILES SHOR	r LIST					Analyst:	DJF
Benzene	ND	0.023	18	mg/Kg	1	11/29/2020 1:39:58 AM	56663
Toluene	ND	0.047	, A	mg/Kg	1	11/29/2020 1:39:58 AM	56663
Ethylbenzene	ND	0.047	19	mg/Kg	1	11/29/2020 1:39:58 AM	56663
Xylenes, Total	ND	0.093	4	mg/Kg	1	11/29/2020 1:39:58 AM	56663
Surr: 1,2-Dichloroethane-d4	105	70-130	3	%Rec	1	11/29/2020 1:39:58 AM	56663
Surr: 4-Bromofluorobenzene	105	70-130	19	%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	19	%Rec	1	11/29/2020 1:39:58 AM	56663

Matrix: SOIL

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

Qualifiers:

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

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

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-024

Project:

Client Sample ID: S-19 0-1'

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

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

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

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

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

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

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	120	60		mg/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		%Rec	1	11/29/2020 2:36:29 AM	56663
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/30/2020 12:18:42 PM	56680
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2020 12:18:42 PM	56680
Surr; DNOP	89.2	30.4-154		%Rec	1	11/30/2020 12:18:42 PM	56680
EPA METHOD 8260B: VOLATILES SHORT 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		%Rec	1	11/29/2020 2:36:29 AM	56663
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	t	11/29/2020 2:36:29 AM	56663
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663
Surr: Toluene-d8	88.3	70-130		%Rec	1	11/29/2020 2:36:29 AM	56663

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Energy Diamond PWU 22 001H

Lab ID: 2011C43-026

Matrix: SOIL

Client Sample ID: S-21 0-1'

Collection Date: 11/20/2020 10:15:00 AM

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

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

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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

Matrix: SOIL

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						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

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

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Hall Environmental Analysis Laboratory, Inc.

Result

WO#: 2011C43

03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

Sample ID: MB-56676

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 56676

RunNo: 73633

Prep Date: 11/26/2020

Analysis Date: 11/26/2020

SeqNo: 2595052

Units: mg/Kg

HighLimit

%RPD **RPDLimit**

Qual

Analyte Chloride

Sample ID: LCS-56676

SampType: LCS Batch ID: 56676

RunNo: 73633

TestCode: EPA Method 300.0: Anions

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

PQL

1.5

%REC

93.8

HighLimit

Units: mg/Kg

Analyte

Analysis Date: 11/27/2020

SeqNo: 2595053

SPK value SPK Ref Val %REC LowLimit

LowLimit

RPDLimit

Qual

Chloride

Sample ID: MB-56677

14

Result

SampType: MBLK

TestCode: EPA Method 300.0: Anions RunNo: 73657

Prep Date: 11/28/2020

Client ID: PBS

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

SegNo: 2596101

Units: mg/Kg

Analyte

Result PQL ND 1.5

HighLimit SPK value SPK Ref Val %REC LowLimit

%RPD

%RPD

RPDLimit

Qual

Chloride

Sample ID: LCS-56677

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 56677

PQL

RunNo: 73657

Prep Date: 11/28/2020 Analysis Date: 11/28/2020

Result

14

SeqNo: 2596102

Units: mg/Kg

Analyte

SPK value SPK Ref Val %REC LowLimit

HighLimit

Qual

Chloride

1.5

15.00

SPK value SPK Ref Val

15.00

91.1

%RPD **RPDLimit**

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit ND

Holding times for preparation or analysis exceeded H

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

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Hall Environmental Analysis Laboratory, Inc.

2011C43 WO#:

03-Dec-20

Client:

Talon Artesia

Project:

Devon Energy Diamond PWU 22 001H

10

6.5

50.00 5.000

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: 11/30/2	2020	SeqNo: 259691	10 Units: mg/l	Units: mg/Kg							
Analyte	Result PQL SPI	K value SPK Ref	/al %REC Low	wLimit HighLimit	%RPD	RPDLimit	Qual					
Diesel Range Organics (DRO)	50 10	50.00	99.5	70 130	STATE OF THE PARTY							
Surr: DNOP	5.3	5.000	107	30.4 154		- ANNO C						
Sample ID: MB-56680	SampType: MBLK		TestCode: EPA Me	ethod 8015M/D: Di	esel Range	Organics						
Client ID: PBS	Batch ID: 56680		RunNo: 73679									
Prep Date: 11/28/2020	Analysis Date: 11/30/2	2020	SeqNo: 259691	14 Units: mg/F	(g							
Analyte	Result PQL SPI	K value SPK Ref	/al %REC Low	vLimit 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		restCode: EPA Me	ethod 8015M/D: Die	esel Range	Organics						
Client ID: LCSS	Batch ID: 56713		RunNo: 73695									
Prep Date: 11/30/2020	Analysis Date: 12/1/20	20	SeqNo: 259800	00 Units: mg/K	g							
Analyte	Result PQL SPI	(value SPK Ref \	al %REC Low	vLimit HighLimit	%RPD	RPDLimit	Qual					

Sample ID: MB-56713	Samp	ype: MI	3LK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics				
Client ID: PBS	Batcl	n ID: 56	713	F	RunNo: 7	3695							
Prep Date: 11/30/2020	Analysis Date: 12/1/2020			5	SeqNo: 2	598002	Units: mg/Kg						
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						

0

121

130

70

30.4

130

154

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Practical Quanitative Limit

Diesel Range Organics (DRO)

Surr: DNOP

% 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 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	Type: Mil	BLK	TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: PBS	Bato	h ID: 56	668	F	RunNo: 7	3634								
Prep Date: 11/25/2020	Analysis I	Date: 11	1/28/2020	5	SeqNo: 2595110 U			(g						
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	TestCode: EPA Method 8260B: Volatiles Short List									
Client ID: BatchQC	Batc	h ID: 56	668	F	RunNo: 7	3634				
Prep Date: 11/25/2020	Analysis [Date: 11	/28/2020	8	SeqNo: 2595111 U			(g		
Analyte	Result	PQL	SPK value	PK value SPK Ref Val %REC LowLimit H		HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	1.000	0	114	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.8	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.5	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		102	70	130			
Surr: Dibromofluoromethane	0.55		0.5000	110 70		130				
Surr: Toluene-d8	0.48		0.5000	0 95.3 70		130				

Sample ID: mb-56663	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8260B: Volatiles Short List									
Client ID: PBS	Batc	h ID: 56 0	663	F	RunNo: 7	3639							
Prep Date: 11/25/2020	Analysis D	Date: 11	/28/2020	SeqNo: 2595302 Ur		Units: mg/K	(g						
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	tcs-56663 SampType: LCS4					TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batc	h ID: 56 6	663	F	RunNo: 7 :	3639							
Prep Date: 11/25/2020	Analysis [Date: 11	/28/2020	SeqNo: 2595303 U			Units: mg/F	ζg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC			%RPD	RPDLimit	Qual			
Benzene	1.1	0.025	1.000	0	113	80	120						
Toluene	1.1	0.050	1.000	0	107	80	120						
Ethylbenzene	1.0	0.050	1.000	0	104	80	120						
Xylenes, Total	3.4	0.10	3.000	0	112	80	120						
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		103	70	130						
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.5	70	130						
Surr: Dibromofluoromethane	0.52		0.5000	103 70		130							
Surr: Toluene-d8	0.45 0.5000 89.2 70		130										

Sample ID: mb-56681	SampT	SampType: MBLK TestCode: EPA N						lethod 8260B: Volatiles Short List								
Client ID: PBS	Batch	ID: 56	681	F	RunNo: 7	3649										
Prep Date: 11/28/2020	Analysis D	Analysis Date: 11/29/2020			SeqNo: 2	595647	Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual						
Surr: 1,2-Dichloroethane-d4	0.48		0.5000	•	96.1	70	130									
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	70	130									
Surr: Dibromofluoromethane	0.54		0.5000		109	70	130									
Surr: Toluene-d8	0.48		0.5000		95.1	70	130									

Sample ID: Ics-56681	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 D	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 I	Energy Diamond PWU 22 001H	[
Sample ID: mb-56668	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56668	RunNo: 73634
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595147 Units: mg/Kg
Analyte	Result PQL SPK value S	SPK 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	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: LCSS	Batch ID: 56668	RunNo: 73634
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595148 Units: mg/Kg
Analyte	Result PQL SPK value S	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	20 5.0 25.00	0 81.8 70 130
Surr: BFB	490 500.0	98.6 70 130
Sample ID: mb-56663	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56663	RunNo: 73639
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595342 Units: mg/Kg
Analyte	Result PQL SPK value Si	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0	400 70 400
Surr: BFB	530 500.0	106 70 130
Sample ID: Ics-56663	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: LCSS	Batch ID: 56663	RunNo: 73639
Prep Date: 11/25/2020	Analysis Date: 11/28/2020	SeqNo: 2595343 Units: mg/Kg
Analyte	Result PQL SPK value SI	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	22 5.0 25.00	0 88.5 70 130
Surr: BFB	510 500.0	103 70 130
Sample ID: mb-56681	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range
Client ID: PBS	Batch ID: 56681	RunNo: 73649
Prep Date: 11/28/2020	Analysis Date: 11/29/2020	SeqNo: 2595868 Units: %Rec
Analyte	Result PQL SPK value SF	SPK 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	RunNo: 73649
Prep Date: 11/28/2020	Analysis Date: 11/29/2020	SeqNo: 2595869 Units: %Rec
Analyte	Result PQL SPK value SF	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	490 500.0	97.8 70 130

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
- 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
- P Sample pH Not In Range
- RL Reporting Limit

Page 32 of 32



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:	Work Order No	ımber: 20	11C43			RcptNo: 1		
Received By:	Juan Roja	15	11/25/2020 8:00	:00 AM		Lun	-2J)	
Completed By:	Emily Mo		11/25/2020 8:39					
Reviewed By:								
Chain of Cus	tody							
1. Is Chain of Co	ustody comp	lete?		Yes		No		Not Present
2. How was the	sample deliv	ered?		Cou	ırier			
Log In								
3. Was an attem	pt made to o	ool the sam	ples?	Yes	V	No		NA 🗌
4. Were all samp	les received	at a temper	ature of >0° C to 6.0°C	Yes	V	No		NA 🔲
5. Sample(s) in p	proper contai	ner(s)?		Yes	V	No		
6. Sufficient sam	ple volume fe	or indicated	test(s)?	Yes	V	No		
7. Are samples (e	except VOA	and ONG) p	roperly preserved?	Yes	V	No		
8. Was preservat	ive added to	bottles?		Yes		No	V	NA 🗆
9. Received at lea	ast 1 vial with	n headspace	<1/4" for AQ VOA?	Yes		No		NA 🗹
10. Were any sam	ple containe	rs received	broken?	Yes		No	V	# of preserved
11. Does paperwor (Note discrepa			٨	Yes	V	No		for pH: (<2 or >12 unless noted)
12. Are matrices of				Yes	V	No		Adjusted?
3. Is it clear what				Yes	V	No		
14. Were all holdin (If no, notify cu	g times able	to be met?		Yes	V	No	_	Checked by: Scal 11/25/25
Special Handli								
15. Was client not			with this order?	Yes		No		NA 🗹
Person'N	Notified:	Vet-1/2000000 - 18-e-	Dat	e: [Bayes was a		(A) E (A)(E)	
By Whor	n: j	aka dalah dalah dalah ang	Via	. ☐ eM	ail 🔲	Phone [Fax	☐ In Person
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16. Additional rem	narks:							
17. Cooler Inform	nation							
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3	2.1	Good	Yes					

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Client:	Chain-of-Custody Record Client: Tolon / LPE Mailing Address: on File			Turn-Around Time: 4-day Standard Rush Project Name: Devon Energy Diamond PWY 22 # 201 H				HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com											-		
		<u>Q</u> h		Diamond Project #:	PWY 2	2 # 201H											M 87				
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email o	or Fax#:	(4,000)		Project Mana		*)	<u> </u>					1801835330			20000000				-1-	
QA/QC □ Star	Package: ndard		☐ Level 4 (Full Validation)	R Pon			TMB's (8021)	O/MRC	PCB's		SIMS		PO4, SO4			t/Absen		14		indicional in a business and in the business i	
□ NEL	AC	☐ Az Co ☐ Othe	ompliance r	Sampler: ß On Ice:	Sinclair La-Yes	□ No	-	(O / DR	s/8082	(04.1)	or 8270		, NO ₂ , PO ₄ ,		A)	Presen			and the same of	and the second s	The state of the s
) (Type)	1		# of Coolers:	Proceedings and the second second second second		TBE)(GR	cide	od 5	310	etals	NO3	(0/-	ım (
Date	Time	Matrix	Sample Name	Cooler Temp Container Type and #	Preservative	HEAL No. 2011 C43	BTEX / MTBE	TPH:8015D(GRO / DRO / MRO)	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 Coliform (Present/Absent)					
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Chain-of-Custody Record Client: Talan / LPE			Turn-Around Time: 4-day Standard □ Rush							A	LL		V	TR	tO!	NIM	Œ	at.			
			☐ Standard ☐ Rush_ Project Name: Devon Energy				HALL ENVIRONMENTAL ANALYSIS LABORATOR											RY			
Mailing Address:			Diamond PWU 22 # 501H Project #:				www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109														
									5-34						345-						
Phone #:			700794, 315.01				Analysis Request														
email or Fax#: QA/QC Package:		Project Manager:			TMB's (8021)	30)	10				SO4			int)							
☐ Standard ☐ Level 4 (Full Validation)			R Pons				IM/C	PCB's		8270SIMS		04,			Abse					1	
Accreditation: Az Compliance		Sampler: B Sinclair				DRC		-	3270	a	NO ₂ , PO₄,			sent				- Constitution of the Cons			
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Date	Time	Matrix	Sample Name		Preservative		BTEX / MTBE	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method	PAHs by 8310 or	RCRA 8 Metals	CI, F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)		-дениа-арабения -		3	
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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 a subcontracted data will be subcontracted data will be a subcontracted data will be a subcon	1 1	, , , , ,	16/w	Und	1/0/	+ couriele	alorion Oran	1												- 0	1 2	of 3
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

March 03, 2021

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

RE: Diamond PWU 22 #001H

OrderNo.: 2102B02

Dear Brandon Sinclair:

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

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 0'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-001

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP.
Chloride	3400	150		mg/Kg	50	3/2/2021 3:35:37 PM	58387
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					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	1	mg/Kg	1	2/27/2021 1:03:45 PM	58340
Surr: DNOP	89.9	70-130	i	%Rec	1	2/27/2021 1:03:45 PM	58340
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9	1	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Surr: BFB	85.4	75.3-105	1	%Rec	1	2/27/2021 4:53:00 PM	58335
EPA METHOD 8021B: VOLATILES						Analyst:	CCM
Benzene	ND	0.025	1	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Toluene	ND	0.049	1	mg/Kg	1	2/27/2021 4:53:00 PM	58335
Ethylbenzene	ND	0.049	1	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: 2/25/2021 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 OR	GANICS				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
Xylenes, 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
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 26

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 4'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-003

Matrix: SOIL

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E 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

Client Sample ID: B-1 6'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-004

Matrix: SOIL

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 26

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID:

Project:

2102B02-005

Client Sample ID: B-1 8'

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

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

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

Matrix: SOIL

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

Qualifiers:

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

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

Page 5 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 10'

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-007

Project:

Client Sample ID: B-1 12'

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

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

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

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 7 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-008

Project:

Client Sample ID: B-1 14'

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

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

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

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia 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
 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

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-010

Project:

Client Sample ID: B-1 18'

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

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

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

Matrix: SOIL

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

Qualifiers:

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

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

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Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 20'

Project: Diamond PWU 22 #001H

Collection Date: 2/23/2021 10:20:00 AM

Lab ID: 2102B02-011

Matrix: SOIL F

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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 26

Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 25'

Project: 2102B02-012

Diamond PWU 22 #001H

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

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

Result Analyses

Batch RL Qual Units DF Date Analyzed

EPA METHOD 300.0: ANIONS

Analyst: VP

Chloride

Lab ID:

ND

Matrix: SOIL

59

20 3/2/2021 1:07:09 AM mg/Kg

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

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Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 30'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-013

Matrix: SOIL

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

Analyses	Result	RL Qu		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

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

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Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 35'

Diamond PWU 22 #001H

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

Lab ID: 2102B02-014

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 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.

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

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-015

Project:

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	-	ual Units		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

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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

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

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-017

Project:

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

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Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-018

Client Sample ID: B-1 55'

Collection Date: 2/23/2021 11:05:00 AM

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

Analyses	Result	RL Qu	ıal Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: 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

3 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

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Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Diamond PWU 22 #001H

Lab ID: 2102B02-019

Project:

Client Sample ID: B-2 0'

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

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 OR	GANICS				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

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

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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 OR	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

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Lab Order 2102B02

Date Reported: 3/3/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 4'

Project: Diamond PWU 22 #001H

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

Lab ID: 2102B02-021

Matrix: SOIL

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

Analyses	Result	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 OR	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

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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

Prep Date: 3/1/2021

SampType: MBLK

Analysis Date: 3/1/2021

TestCode: EPA Method 300.0: Anions

LowLimit

LowLimit

Client ID: PBS

Batch ID: 58387

RunNo: 75603

SPK value SPK Ref Val %REC LowLimit

SeqNo: 2673211

Units: mg/Kg

HighLimit

%RPD

%RPD

%RPD

%RPD

RPDLimit

Qual

Analyte Chloride

PQL Result ND

Result

Result

Result

ND

Sample ID: LCS-58387

SampType: LCS

RunNo: 75603

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 58387

PQL 1.5

1.5

Prep Date: 3/1/2021

Analysis Date: 3/1/2021

SeqNo: 2673212

Units: mg/Kg HighLimit

110

RPDLimit

Qual

Analyte Chloride

Sample ID: MB-58390

SampType: MBLK

%REC

97.2

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 58390

RunNo: 75603

Units: mg/Kg

Prep Date: 3/1/2021

Analysis Date: 3/1/2021 PQL

SeqNo: 2673241

HighLimit

RPDLimit

RPDLimit

Qual

Analyte Chloride

1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Batch ID: 58390

RunNo: 75603

Prep Date: 3/1/2021

Client ID: LCSS

Sample ID: LCS-58390

Analysis Date: 3/1/2021

SeqNo: 2673242

Units: mg/Kg

Analyte

SPK value SPK Ref Val %REC LowLimit

0

HighLimit

Qual

Chloride

1.5

15.00

SPK value SPK Ref Val

SPK value SPK Ref Val %REC

15.00

95.7

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Practical Quanitative Limit

 \mathbf{H} Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

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

% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02 03-Mar-21

Client:

Talon Artesia

Project: Diamon	d PWU 22 #00								
Sample ID: MB-58340	SampType	: MBLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID: PBS	Batch ID:	: 58340	F	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Date:	2/27/2021	S	SeqNo: 2	672049	Units: mg/K	g		
Analyte	Result Po	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10							
Motor Oil Range Organics (MRO)	ND	50		404	70	400			
Surr: DNOP	10	10.00		101	70	130			
Sample ID: MB-58350	SampType:	: MBLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID: PBS	Batch ID:	58350	F	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Date:	2/27/2021	S	SeqNo: 2	672051	Units: %Rec	;		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11	10.00		107	70	130			
Sample ID: MB-58361	SampType:	: MBLK	Test	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID:	58361	R	RunNo: 7	5588				
Prep Date: 2/26/2021	Analysis Date:	2/27/2021	S	SeqNo: 2	672052	Units: %Rec			
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10	10.00		100	70	130			
	10	10.00		100	70	100	***		
Sample ID: LCS-58340	SampType:		Test			8015M/D: Die	sel Range	e Organics	
		: LCS			PA Method		sel Range	o Organics	
Sample ID: LCS-58340	SampType:	: LCS 58340	R	Code: EF	PA Method 5588			o Organics	
Sample ID: LCS-58340 Client ID: LCSS	SampType: Batch ID:	58340 2/27/2021	R	Code: El tunNo: 7: teqNo: 20	PA Method 5588	8015M/D: Die		e Organics	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021	SampType: Batch ID: Analysis Date: Result PC	ELCS 58340 2/27/2021 QL SPK value 10 50.00	R	tCode: EF tunNo: 74 teqNo: 26 %REC 105	PA Method 5588 672064 LowLimit 68.9	8015M/D: Die Units: mg/Ko HighLimit 141	9		Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte	SampType: Batch ID: Analysis Date: Result PC	: LCS 58340 2/27/2021 QL SPK value	R S SPK Ref Val	Code: EftunNo: 76 degNo: 20 %REC	PA Method 5588 672064 LowLimit	8015M/D: Die Units: mg/K(HighLimit	9		Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO)	SampType: Batch ID: Analysis Date: Result PC	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000	R S SPK Ref Val 0	Code: ER tunNo: 76 seqNo: 26 %REC 105 100	PA Method 5588 672064 LowLimit 68.9 70	8015M/D: Die Units: mg/Ko HighLimit 141	9 %RPD	RPDLimit	Qual
Sample ID: LCS-58340 Client ID: LCSS Prep Date: 2/26/2021 Analyte Diesel Range Organics (DRO) Surr: DNOP	SampType: Batch ID: Analysis Date: Result PC 52 5.0	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000	SPK Ref Val 0	Code: ER tunNo: 76 seqNo: 26 %REC 105 100	PA Method 5588 672064 LowLimit 68.9 70	8015M/D: Die Units: mg/Kr HighLimit 141 130	9 %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	SampType: Batch ID: Analysis Date: Result PO 52 5.0 SampType:	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350	SPK Ref Val 0 Test	Code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588	8015M/D: Die Units: mg/Kr 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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID:	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021	SPK Ref Val 0 Test	code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588	8015M/D: Die Units: mg/Ko 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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID: Analysis Date:	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021	SPK Ref Val 0 Test R	code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066	8015M/D: Die Units: mg/Kg HighLimit 141 130 8015M/D: Die Units: %Rec	9 %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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID: Analysis Date: Result PC	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021 QL SPK value 5.000	SPK Ref Val 0 Test R S SPK Ref Val	Code: ER RunNo: 78 ReqNo: 20 %REC 105 100 Code: ER RunNo: 78 ReqNo: 26 %REC	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70	8015M/D: Die Units: mg/Kg HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit	%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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID: Analysis Date: Result PC 5.3	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021 QL SPK value 5.000 LCS	SPK Ref Val 0 Test SPK Ref Val Test	Code: ER RunNo: 78 ReqNo: 20 %REC 105 100 Code: ER RunNo: 78 ReqNo: 26 %REC	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method	8015M/D: Die Units: mg/Kg HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130	%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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID: Analysis Date: Result PC 5.3 SampType:	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021 QL SPK value 5.000 LCS 58361	SPK Ref Val 0 Test R S SPK Ref Val Test R	Code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method 5588	8015M/D: Die Units: mg/Kg HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130	%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	SampType: Batch ID: Analysis Date: Result PC 52 5.0 SampType: Batch ID: Analysis Date: Result PC 5.3 SampType: Batch ID:	ELCS 58340 2/27/2021 QL SPK value 10 50.00 5.000 ELCS 58350 2/27/2021 QL SPK value 5.000 LCS 58361 2/27/2021	SPK Ref Val 0 Test R S SPK Ref Val Test R	Code: EF cunNo: 78 deqNo: 26 %REC 105 100 Code: EF cunNo: 78 deqNo: 26 %REC 106 Code: EF	PA Method 5588 672064 LowLimit 68.9 70 PA Method 5588 672066 LowLimit 70 PA Method 5588	8015M/D: Die Units: mg/Ke HighLimit 141 130 8015M/D: Die Units: %Rec HighLimit 130 8015M/D: Die	%RPD sel Range	RPDLimit Organics RPDLimit	

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02

03-Mar-21

Client:

Talon Artesia

Project:

Diamond PWU 22 #001H

Sample ID:	MB-58373
------------	----------

SampType: MBLK

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

Client ID: PBS

Batch ID: 58373

RunNo: 75595

%RPD

Prep Date:

2/27/2021

Analysis Date: 3/1/2021

PQL

SeqNo: 2672573

Units: %Rec HighLimit

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

SPK value SPK Ref Val

10.00

10.00

5.000

5.000

Qual

Sample ID: MB-58379

SampType: MBLK

%REC

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

Client ID:

Batch ID: 58379

RunNo: 75595

117

Units: %Rec

HighLimit

Qual

Analyte Surr: DNOP

Prep Date: 2/27/2021

2/27/2021

Analysis Date: 3/1/2021

SegNo: 2672574

RPDLimit

RPDLimit

S

Sample ID: LCS-58373

SampType: LCS

RunNo: 75595

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

%RPD

Client ID: LCSS

Batch ID: 58373

SeqNo: 2672575

Units: %Rec

130

130

Prep Date: Analyte

Result

Analysis Date: 3/1/2021

5.3

Result

PQL

%REC SPK value SPK Ref Val

SPK value SPK Ref Val %REC LowLimit

HighLimit LowLimit 70 105

Lowl imit

%RPD **RPDLimit**

Qual

Surr: DNOP

SampType: LCS

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

RunNo: 75595

HighLimit

Units: %Rec

130

Analyte Surr: DNOP

Prep Date: 2/27/2021

Batch ID: 58379 Analysis Date: 3/1/2021

SeqNo: 2672576

RPDLimit

Qual

Sample ID: MB-58377

PBS

Sample ID: LCS-58379

Client ID: LCSS

SampType: MBLK

SPK value SPK Ref Val

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

128

70

%RPD

%RPD

Result

Result

Result

5.9

12

6.4

Batch ID: 58377

RunNo: 75595

Analyte

Client ID:

Prep Date: 2/27/2021

Analysis Date: 3/1/2021

SeqNo: 2673431 %REC

LowLimit

Units: %Rec HighLimit

RPDLimit

Qual

Surr: DNOP

Sample ID: LCS-58377

Client ID: LCSS

SampType: LCS

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

70

130

130

Prep Date: 2/27/2021

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

5.000

10.00

RunNo: 75595 SeqNo: 2673433

70

Units: %Rec

Qual

Surr: DNOP

Analyte

PQL

SPK value SPK Ref Val %REC

118

HighLimit LowLimit

%RPD

RPDLimit

PQL

Oualifiers:

Sample Diluted Due to Matrix

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

Value exceeds Maximum Contaminant Level.

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

Released to Imaging: 12/10/2024 2:41:47 PM

% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2102B02

03-Mar-21

Client:

Talon Artesia

Project:

Analyte

Surr: BFB

Diamond PWU 22 #001H

Result

970

PQL

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

Sample ID: MB-58348	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 58348	RunNo: 75582
Prep Date: 2/26/2021	Analysis Date: 2/27/2021	SeqNo: 2672670 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surc BFB	870 1000	87.2 75.3 105

%REC

96.7

LowLimit

75.3

SPK value SPK Ref Val

1000

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 25 of 26

RPDLimit

Qual

%RPD

HighLimit

105

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B02 03-Mar-21

Cli	ent:
CH	Citte

Talon Artesia

									and the second second	
Sample ID: LCS-58335		Type: LC				40.0	8021B: Vola	illes		
Client ID: LCSS	Bato	h ID: 58	335	F	RunNo: 7	5582				
Prep Date: 2/25/2021	Analysis I	Date: 2/	27/2021		SeqNo: 2	672698	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	80	120			
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	Code: El	A Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 58	335	F	tunNo: 7	5582				
Prep Date: 2/25/2021	Analysis [)ate: 2/	27/2021		eqNo: 20	372699	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025		ommerce			Tym.			
oluene	ND	0.050								
Ethylbenzene	ND	0.050								
(ylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID: LCS-58348	SampT	ype: LC	s	Test	Code: EF	A Method	8021B: Volat	iles		
Client ID: LCSS	Batch	1D: 583	348	R	unNo: 78	5582				
Prep Date: 2/26/2021	Analysis E)ate: 2/	27/2021	S	eqNo: 26	372724	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr; 4-Bromofluorobenzene	0.93	mounts:	1.000		93.4	80	120		-tyamore	
Sample ID: MB-58348	SampT	ype: MB	LK	Test	Code: EF	A Method	8021B: Volat	les		
Client ID: PBS		i ID: 583		R	unNo: 75	582				
Prep Date: 2/26/2021	Analysis E			1	eqNo: 26		Units: %Rec			
	Result	POL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Surr: 4-Bromofluorobenzene	0.94	LAL	1.000	OF IN INCE VAL	94.3	80	120	.0111	= =======	~~~

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

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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

Talon Artesia Client Name: Work Order Number: 2102B02 RcptNo: 1 (lane Received By: Juan Rojas 2/25/2021 7:35:00 AM Completed By: Cheyenne Cason 2/25/2021 8:20:33 AM 2/25/21 Reviewed By: Chain of Custody 1. Is Chain of Custody complete? Yes 🗸 No 🗌 Not Present 2. How was the sample delivered? Courier Log In Yes 🗸 No 🗌 NA 🗌 3. Was an attempt made to cool the samples? No 🗆 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 NA 🗌 Yes 🗸 No 🗌 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? No 🗌 Yes 🗸 7. Are samples (except VOA and ONG) properly preserved? NA 🗌 Yes 🗌 No 🗹 8. Was preservative added to bottles? NA 🗹 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 🗌 Yes No 🔽 10. Were any sample containers received broken? # of preserved bottles checked No 🗌 for pH: Yes 🗸 11.Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 Yes 🔽 12. Are matrices correctly identified on Chain of Custody? No 🗌 Yes 🗸 13. Is it clear what analyses were requested? Checked by: 56- 2/25/21 Yes 🗹 No 🗌 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA 🔽 Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp ºC Condition Seal Intact | Seal No Seal Date 1 0.3 2 1.8 1.2

Page I of I

Page
210
of 572

Chain-of-Custody Record	Turn-Around Time:	UNIX.7 Promi									
Client: Talon/LPE	4-day	HALL ENVIRONMENTAL									
ION/LPE	© Standard □ Rush Project Name:	ANALYSIS LABORATORY									
Mailing Address:	Froject Name:	www.hallenvironmental.com									
on file	Diamond PWU 22 #001H Project#:	1									
	Project #:	4901 Hawkins NE - Albuquerque, NM 87109									
Phone #:	700794. 315.01	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request									
email or Fax#:	Project Manager:										
QA/QC Package:	_	021) ARO) SS S S Sent)									
☐ Standard ☐ Level 4 (Full Validation)	B Sinclair	3's (802 O / MR PCB's OSIMS PO4, S'									
Accreditation: Az Compliance	Sampler: B Sinclair	BTEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) PAH's by 8310 or 8270SIMS RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) Total Coliform (Present/Absent)									
□ NELAC □ Other	On ice: Pyes I No	S/80 or 8 or 8 Pres									
□ EDD (Type)	# of Coolers: 식	BTEX / MTBE / TMB TPH:8015D(GRO / DR 8081 Pesticides/8082 EDB (Method 504.1) PAHs by 8310 or 827C RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , 8260 (VOA) Total Coliform (Present									
	Cooler Temp(including or): See chectist (°C)	BTEX / MTBE TPH:8015D(GF 8081 Pesticide EDB (Method & PAHS by 8310 RCRA 8 Metals CI, F, Br, NO ₃ 8260 (VOA) 8270 (Semi-VO Total Coliform (
	Container Preservative HEAL No.	BTEX / TPH:801 8081 Per EDB (Me EDB (Me CRCRA 8 CI, F, Br B260 (VC 8270 (Se Fotal Coli									
Date Time Matrix Sample Name	Type and # Type ZICZ BOZ	BTI 1794 8008 8008 8008 8206 1014 1014 1014 1014 1014 1014 1014 10									
2-23-2109:30 50:1 8-1 0	402 jar ice Cei										
09:35 B-12	CEZ										
9:40 B-14	003	<u>, , , , , , , , , , , , , , , , , , , </u>									
09:45 B-1 6	004										
09:50 B-18	605										
09:55 B-1 10	606										
10:00 B-1 12	007										
10:05 B-1 14	008										
10:10 B-1 16	C09										
10:15 B-1 18	010										
10:20 B-1 20	Oil										
Detail To:35 B-1 25	612										
Date: Time: Relinquished by:		Remarks:									
Date: Time: Relinquished by:	0000000 8 1) 129 121 130	Bill directly to Devon Energy W/o # 2075 4989									
Phyl 1 1700	Received by: Via: Date Time	W/0 # 2075 4989									
9(1)00000000	1/2/1 rouner 2/25/21 7:35	18+0=1.8 + 0.5+0=0.5 13.70=1.2 P9 10+2									
	ocontracted to other accredited laboratories. This serves as notice of this	h 3 ナジェルミ s possibility. Any sub-contracted data will be clearly notated on the analytical report.									

-
2
90
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0.
7
N 2

Chain-of-Custody Record Client: Talon / LPE			Turn-Around Time: 4 - dey Standard □ Rush Project Name:			HALL ENVIRONMENTAL ANALYSIS LABORATORY															
Mailing	Address	on 1	File	Diam Projec	ond t#:	PWU 22	#001H	www.hallenvironmenta 4901 Hawkins NE - Albuquerque Tel. 505-345-3975 Fax 505-3				e, NN	e, NM 87109								
Phone #:						315.01		Analysis Request													
email or Fax#: QA/QC Package: □ Standard □ Level 4 (Full Validation)			Project Manager:			TMB's (8021)	DRO / MRO)	PCB's		8270SIMS		PO4, SO4			(/Absent						
Accreditation: Az Compliance NELAC Other EDD (Type)			Sampler: B Sincair On Ice: □ Yes □ No # of Coolers: ∀			BE/	(GRO / DR	8081 Pesticides/8082 F	lod 504.1)		etals	NO ₂ ,		-VOA)	Total Coliform (Present/Absent)	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s					
Date	Time	Matrix	Sample Name	Contai Type a	iner	Preservative Type	7102BCE	BTEX/M	TPH:8015D(GRO /	8081 Pesti	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	CI, F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Colifo				in
<u>2-23-21</u>	10:40	50:1	B-1 30'	4 02	2 jar	ice	GEEG13							/							
	10:45		B-1 35				014							1							
-	10:50		8-1 40				015							V,							
	10:55		B-1 45		***		016							V							
	11:00		B-1 50 B-1 55				018							V/							
	12:00		B-2 0				019	./	1					V					+	-	
	17:05		B-2 2				020	1	1					1						-	
	12:10		B-2 4'				021	/	7					/							
Date: 2-27-21 Date: 2/24/24	Time: 1/30 Time: 1900	000	Sy/	Received by: Via: Date Time Via: Date Time Received by: Via: Date Time Page 125/21 4 33				B; W,		dir #								En	(9 2	2 of 2

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Diamond PWU 22 1H

Work Order: E304194

Job Number: 21064-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/4/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/4/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E304194

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

Tom Bynum,

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

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

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

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



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

N1 - 1' E304194-01

	E304194-01					
-		D.11				
Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: 1	IY		Batch: 2317081
ND	0.0250	1	1	04/28/23	05/02/23	
ND	0.0250	1	1	04/28/23	05/02/23	
ND	0.0250	1	1	04/28/23	05/02/23	
ND	0.0250	1	1	04/28/23	05/02/23	
ND	0.0500	1	1	04/28/23	05/02/23	
ND	0.0250	1	l	04/28/23	05/02/23	
	99.0 %	70-130		04/28/23	05/02/23	
	98.5 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst: 1	IY		Batch: 2317081
ND	20.0	1	1	04/28/23	05/02/23	
	99.0 %	70-130		04/28/23	05/02/23	
	98.5 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst: .	JL		Batch: 2317060
ND	25.0	1	1	04/27/23	04/28/23	
ND	50.0	1	1	04/27/23	04/28/23	
	99.8 %	50-200		04/27/23	04/28/23	
mg/kg	mg/kg		Analyst: 1	BA		Batch: 2318012
747	20.0	1	1	05/01/23	05/01/23	
	ND ND 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 99.0 % 98.5 % 100 % 100 % mg/kg mg/kg ND 20.0 99.0 % 98.5 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 99.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 99.0 % 70-130 98.5 % 70-130 mg/kg mg/kg ND 20.0 99.0 % 70-130 98.5 % 70-130 100 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 99.8 % 50-200 mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 99.0 % 70-130 100 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 99.0 % 70-130 1 98.5 % 70-130 1 100 % 70-130 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 99.8 % 50-200 mg/kg mg/kg Analyst:	Reporting Mesult Limit Dilution Prepared 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 99.0 % 70-130 04/28/23 98.5 % 70-130 04/28/23 100 % 70-130 04/28/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/28/23 99.0 % 70-130 04/28/23 99.5 % 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 <	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY 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 99.0 % 70-130 04/28/23 05/02/23 98.5 % 70-130 04/28/23 05/02/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/28/23 05/02/23 98.5 % 70-130 04/28/23 05/02/23 98.5 % 70-130 04/28/23 05/02/23 100 % 70-130 04/28/23 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	5/4/2023 1:59:30PM

N1 - 3' E304194-02

		200117102					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
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		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		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/28/23	
Surrogate: n-Nonane		95.2 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
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	5/4/2023 1:59:30PM

N1 - 4' E304194-03

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		05/02/22	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		97.8 %	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	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	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:	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		93.6 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	75.9	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	5/4/2023 1:59:30PM

N1 - 5' E304194-04

		200117101					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Di	Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		05/02/22	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:	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		95.0 %	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
LOUTION	1-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Γ	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		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	A	Analyst: Γ	Y		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		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	A	Analyst: Jl	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		96.3 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: B	BA		Batch: 2318012
4 HIOHS BY E171 500:0/7030/1							



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

N2 - 3' E304194-06

		E504174-00				
Aughto	Result	Reporting Limit	Dilutio	n Prepared	A malvora d	Notes
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: 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		96.5 %	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	An	alyst: IY		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	An	alyst: 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		94.8 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: 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'

E304194-07

		200117107					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
					•	7 mary zea	
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		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
Chloride	78.4	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 - 5'

		E304194-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2317081
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		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	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	04/28/23	05/02/23	
Toluene	ND	0.0250	į	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	į	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

40.0

2

05/01/23

05/01/23

2350



Chloride

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

N3 - 3' E304194-10

		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	Dilu	tion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2317081
Benzene	ND	0.0250	1	1 04	1/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1 04	1/28/23	05/02/23	
Toluene	ND	0.0250	1	1 04	1/28/23	05/02/23	
o-Xylene	ND	0.0250	1	04	1/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	04	1/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	l 04	1/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130	04	4/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04	4/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130	04	4/28/23	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	1/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130	04	4/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04	4/28/23	05/02/23	
Surrogate: Toluene-d8		101 %	70-130	04	4/28/23	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	1/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04	1/27/23	04/29/23	
Surrogate: n-Nonane		95.4 %	50-200	04	4/27/23	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

303



Chloride

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

N3 - 5'

	E304194-12					
	Reporting					
Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
ND	0.0250	1	l	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	l	04/28/23	05/02/23	
	98.2 %	70-130		04/28/23	05/02/23	
	101 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
ND	20.0	1		04/28/23	05/02/23	
	98.2 %	70-130		04/28/23	05/02/23	
	101 %	70-130		04/28/23	05/02/23	
	100 %	70-130		04/28/23	05/02/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
ND	25.0	1		04/27/23	04/29/23	
ND	50.0	1	l	04/27/23	04/29/23	
	96.4 %	50-200		04/27/23	04/29/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
ND	20.0	1		05/01/23	05/01/23	
	mg/kg ND ND 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 98.2 % 101 % 100 % 100 % mg/kg mg/kg ND 20.0 98.2 % 101 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 96.4 % mg/kg mg/kg mg/kg	Result Limit Dilu	Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.2 % 70-130 101 % 70-130 100 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 98.2 % 70-130 101 % 70-130 100 % 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 96.4 % 50-200 mg/kg Mg/kg Analyst:	Reporting Result Limit Dilution Prepared MD 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 04/28/23 101% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 101% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 100% 70-130 04/28/23 ND 25.0 1 04/27/23 ND 50.0 1 04/27/23	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY 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 0.0500 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 05/02/23 100 % 70-130 04/28/23 05/02/23 100 % 70-130 04/28/23 05/02/23 mg/kg mg/kg Analyst: IX ND 25.0 1 04/28/23 05/02/23 mg/kg mg/kg Analyst: JL ND 50.0 1 04/27/23 04/29/23 <tr< td=""></tr<>



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

N4 - 1'

E304194-13

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



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

N4 - 3' E304194-14

		200117111					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2317081
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	04/28/23	05/02/23	Batch: 2517001
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		102 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		102 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		98.1 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2318012
Chloride	ND	20.0	_	1	05/01/23	05/01/23	



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

N4 - 4'

		E304194-15					
		Reporting					
Analyte	Result	Limit	Dilı	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	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.4 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	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		97.2 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	ND	20.0		1	05/01/23	05/01/23	



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

N4 - 5' E304194-16

		Reporting					
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	05/03/23	
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		96.6 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		99.3 %	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		96.6 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	•	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		99.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	ND	20.0		1	05/01/23	05/01/23	



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

N5 - 1'

	E304194-17					
	Reporting					
sult	Limit	Dilution	Prepared	Analyzed	Notes	

		Reporting					
Analyte	Result	Limit	Di	lution	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	
Guseime runge Organies (Co Cro)					* = = .	00/00/20	
<u> </u>		97.2 %	70-130		04/28/23	05/03/23	
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		97.2 % 98.0 %	70-130 70-130				
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4					04/28/23	05/03/23	
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	mg/kg	98.0 %	70-130	Analyst:	04/28/23 04/28/23 04/28/23	05/03/23 05/03/23	Batch: 2317060
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg ND	98.0 % 101 %	70-130	Analyst:	04/28/23 04/28/23 04/28/23	05/03/23 05/03/23	Batch: 2317060
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)		98.0 % 101 % mg/kg	70-130	Analyst:	04/28/23 04/28/23 04/28/23 JL	05/03/23 05/03/23 05/03/23	Batch: 2317060
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Dil Range Organics (C28-C36)	ND	98.0 % 101 % mg/kg 25.0	70-130	Analyst:	04/28/23 04/28/23 04/28/23 JL 04/27/23	05/03/23 05/03/23 05/03/23	Batch: 2317060
Surrogate: Bromofluorobenzene	ND	98.0 % 101 % mg/kg 25.0 50.0	70-130 70-130	Analyst: 1 1 Analyst:	04/28/23 04/28/23 04/28/23 JL 04/27/23 04/27/23	05/03/23 05/03/23 05/03/23 04/29/23 04/29/23	Batch: 2317060 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

		E504174-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Anaryte	Result	Limit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B		mg/kg	A	Analyst: IY		Batch: 2317081
Benzene	ND	0.0250	1	04/28/23	05/03/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/03/23	
Toluene	ND	0.0250	1	04/28/23	05/03/23	
o-Xylene	ND	0.0250	1	04/28/23	05/03/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/03/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130	04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130	04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		101 %	50-200	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	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

N5 - 4'

E304194-19

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2317081
Benzene	ND	0.0250	1		04/28/23	05/03/23	
Ethylbenzene	ND	0.0250	1		04/28/23	05/03/23	
Toluene	ND	0.0250	1		04/28/23	05/03/23	
o-Xylene	ND	0.0250	1		04/28/23	05/03/23	
p,m-Xylene	ND	0.0500	1		04/28/23	05/03/23	
Total Xylenes	ND	0.0250	1		04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		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	I	Analyst:	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	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		102 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	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

N6 - 1' E304194-20

		E304174-20					
Andre	D16	Reporting Limit	Dilu	 .	D 1	A a la a d	Neton
Analyte	Result	Limit	Dilu	ilion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Benzene	ND	0.0250	1	1	04/28/23	05/03/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/03/23	
Toluene	ND	0.0250	1	1	04/28/23	05/03/23	
o-Xylene	ND	0.0250	1	l	04/28/23	05/03/23	
p,m-Xylene	ND	0.0500	1	l	04/28/23	05/03/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/28/23	05/03/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/28/23	05/03/23	
Surrogate: Toluene-d8		101 %	70-130		04/28/23	05/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/27/23	04/29/23	
Surrogate: n-Nonane		102 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318012
Chloride	2790	20.0	1	1	05/01/23	05/01/23	



Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: 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 2.33 2.50 ND 45-135 0.258 27

93.2

93.5

96.5

94.2

95.0

99 7

102

101

48-130

43-135

43-135

43-135

70-130

70-130

70-130

0.752

0.769

0.138

0.352

24

27

27

27

ND

ND

ND

ND

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0500

0.0250

2.34

2.41

4.71

7.12

0.499

0.511

0.503



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

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

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

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

•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317081-BLK1)							Prepared: 0	4/28/23 A	nalyzed: 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 A	nalyzed: 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 A	nalyzed: 05/02/23
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.3	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike Dup (2317081-MSD2)				Source:	E304194-0	02	Prepared: 0	4/28/23 A	nalyzed: 05/02/23
Gasoline Range Organics (C6-C10)	38.7	20.0	50.0	ND	77.4	70-130	11.0	20	
			0.500		98.4	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		20.4	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.492 0.491		0.500		98.1	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	5/4/2023 1:59:30PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/4/2023 1:59:30PM
	Nonha	logenated Or	ganics by 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 (2317060-BLK1)							Prepared: 0-	4/27/23 <i>F</i>	Analyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil 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 A	Analyzed: 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 A	Analyzed: 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 A	Analyzed: 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			

Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		oiamond PWU 1064-0001	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:		om 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	analyzed: 05/01/23
Chloride	ND	20.0							
LCS (2318012-BS1)							Prepared: 0	5/01/23 A	analyzed: 05/01/23
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2318012-MS1)				Source:	E304194-	01	Prepared: 0:	5/01/23 A	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	analyzed: 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.



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Chain of Custody

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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	CHO		BGDOC	BGDOC			Remarks	
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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		-					Jse Or			
//	hed by: (Sign	ature)	Dat 4		Received by: (Signature)	- UHA	(2)		133	0	Rec	eive	d on ice:		9/				
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	atrix: S - Soil,	d - Solid, Se	g - 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							



Project Information

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DRO/ORO by 8015	8015	194	12	b Num 1069 alysis ar	ber /-(200/ nd Metho	1D WW CODOC NW	2D 30		M CO	State UT AZ Remarks	RCRA TX
1	8015		Ana	alysis ar	nd Metho	BGDOC NM	100	N	M CO	UT AZ	
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021		0	nd Metho	BGDOC NM	100		<	UT AZ	
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0		BGDOC	100		<	UT AZ	ТХ
DRO/ORO by 801	GRO/DRO by 801	8TEX by 8021	VOC by 8260	Chloride 300.0		BGDOC	100		<		TX
DRO/ORO by	GRO/DRO by	BTEX by 802	VOC by 8260	Chloride 300		BGDOC	100	2		Remarks	
DRO/0	GRO/DI	BTEX by	VOC by	Chlorid			Верос			Remarks	
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173	Time	13) 1	1		<u>T2</u>			3		
23	18:	15				4					
12	13 172 13 Typ	Type: g-pe returne	Time 1330 Time 1330 Time 7 Time 7 Time 8:15 Type: g - glass, the returned to click	Time 1370 Time 1370 Time 8:15 Type: g - glass, p - pole returned to client or or or or or or or or or or or or or	packed in ice Time Receive T1 Time Receive T1 Time Receive T1 Type: g - glass, p - poly/plast ice returned to client or disposed	packed in ice at an avg ten Time Received on ice: T1 Time RYG Temp °C Type: g - glass, p - poly/plastic, ag - am per returned to client or disposed of at the cl	packed in ice at an avg temp above 3 Time	packed in ice at an avg temp above 0 but less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less to less	packed in ice at an avg temp above 0 but less than 6 °C on su Time Received on ice: \(\text{V} \) N T1	packed in ice at an avg temp above 0 but less than 6 °C on subsequent da Time Lab Use Only Received on ice: \(\forall / \) N T1	Received on ice: W/N T1 T2 T3 Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA The returned to client or disposed of at the client expense. The report for the analysis of the



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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

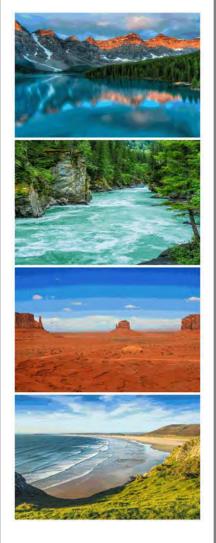
Instructions: Please take note of any NO checkmarks.

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	R·15	Work Order ID: E304194	1
Phone:			04/27/23 08		Logged In By: Caitlin C	
Email:		Date Logged In: Due Date:		7:00 (4 day TAT)	Logged in by: Camin	Jiristian
Lilian.	tom@pmaon.com	Duc Date.	03/03/23 1	7.00 (+ day 1/A1)		
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
2. Does tl	ne number of samples per sampling site location mate	h the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, requeste	ed analyses?	No	_		
5. Were a	ll samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion				Comments/Resolu	tion
Cample T		l .		ı	<u>Comments, Attoons</u>	
	Construction of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the C		Yes		Project Diamond PWU 22 1H	has been
	•		103		separated into 2 reports due to	
Sample C	sample cooler received?		Yes			•
	was cooler received in good condition?		Yes		volume. Workorders are as fol	
•	e sample(s) received intact, i.e., not broken?				E304194 & E304195. Time sa	mpled not
			Yes		provided on COC per client.	
	custody/security seals present?		No		-	
•	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
13. If no	visible ice, record the temperature. Actual sample to	emperature: 4°0	<u>C</u>			
Sample (<u>Container</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			
19. Is the	appropriate volume/weight or number of sample containe	rs collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum infor	mation:	37			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes No			
Sample F	Preservation_		110			
	the COC or field labels indicate the samples were pre	served?	No			
22. Are sa	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved me	tals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphase	?	No			
	, does the COC specify which phase(s) is to be analyz		NA			
•	ract Laboratory					
	act Laboratory amples required to get sent to a subcontract laboratory	19	No			
	subcontract laboratory specified by the client and if s			Subcontract Lab	: na	
Client I	nstruction .					
<u>eneme 11</u>	isti uction					
						7

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: 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

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/03/23 12:25

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

		E304173-01					
Andre	D14	Reporting	Dile	ution	D 1	A 1	Notes
Analyte	Result	Limit	Dilt	uuon	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		98.9 %	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		98.9 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	:	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		78.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
Chloride	1180	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

N6 - 4'

E304195-02

		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		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	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		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		77.4 %	50-200		04/27/23	04/28/23	
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

N6 - 5' E304195-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		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		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		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		Analyst: JI	L		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		72.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2318013
Chloride	ND	20.0	1	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N7 - 1' E304195-04

		200.170 01					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
						7 mary 2cc	
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		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	1	Analyst: IY			Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	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	1	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		76.5 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2318013
Chloride	2160	20.0	1		05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N7 - 3' E304195-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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		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	1	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		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	1	Analyst:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/28/23	
Surrogate: n-Nonane		79.6 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	RAS		Batch: 2318013
		20.0			05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N7 - 4'

E304195-06 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: IY Batch: 2317082 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 05/02/23 ND 0.0250 04/28/23 Benzene 04/28/23 05/02/23 Ethylbenzene ND 0.02501 ND 0.0250 04/28/23 05/02/23 Toluene 1 04/28/23 05/02/23 o-Xylene ND 0.025004/28/23 05/02/23 ND 0.0500 1 p,m-Xylene 04/28/23 05/02/23 1 Total Xylenes ND 0.0250 04/28/23 05/02/23 Surrogate: Bromofluorobenzene 105 % 70-130 Surrogate: 1,2-Dichloroethane-d4 112 % 70-130 04/28/2305/02/23 Surrogate: Toluene-d8 97.7 % 70-130 04/28/2305/02/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2317082 ND 1 04/28/23 05/02/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 105 % 04/28/23 05/02/23 70-130 04/28/23 05/02/23 Surrogate: 1,2-Dichloroethane-d4 112 % 70-130 Surrogate: Toluene-d8 04/28/23 05/02/23 97.7 % 70-130 mg/kg Analyst: JL Batch: 2317062 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/28/23 ND 25.0 1 04/27/23 Diesel Range Organics (C10-C28) ND 50.0 1 04/27/23 04/28/23 Oil Range Organics (C28-C36) 80.4 % 50-200 04/27/2304/28/23Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2318013

20.0

120

1

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 - 1'

		E304195-07					
		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		106 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/28/23	
Surrogate: n-Nonane		78.0 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2318013
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	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		97.7 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: 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		79.5 %	50-200		04/27/23	04/28/23	

mg/kg

20.0

Analyst: RAS

05/01/23

05/01/23

mg/kg

1300

Batch: 2318013

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

N8 - 4'

E304195-09

		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		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	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		79.1 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
					05/01/23	05/01/23	

Pima Environmen	tal Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247		Project Number:	21064-0001	Reported:
Plains TX, 79355	0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N8 - 5' E304195-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: IX			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	А	Analyst: IX	?		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	А	Analyst: JI	_		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	А	Analyst: R	AS		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	410	15 1	1
H. 3114	414	/h_ I	

		200117011					
	D 1	Reporting			D 1		N
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	27.9	25.0		1	04/27/23	04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		79.7 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
Chloride	ND	20.0		1	05/01/23	05/01/23	

Pima 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

		200.170.12					
Analyte	Result	Reporting Limit		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		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		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		100 %	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		78.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
Chloride	ND	20.0		1	05/01/23	05/01/23	

Pima Environmen	tal Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247		Project Number:	21064-0001	Reported:
Plains TX, 79355	0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N9 - 4'

173	A 4 4	0.5	40
H 4	11/1	95.	- 1 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	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		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	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	IY		Batch: 2317082
Benzene	ND	0.0250	1	l	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	l	04/28/23	05/02/23	
Toluene	ND	0.0250	1	l	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	l	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	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: I	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: J	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	ı	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		72.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2318013
THIONS BY EITHCOOLOGOGO							



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

		E504175-15					
Austra	Dl/	Reporting Limit	Dilut		1	A a laa . I	Notes
Analyte	Result	Limit	Dilut	tion Prej	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		106 %	70-130	04/2	28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/2	28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130	04/2	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	04/2	28/23	05/02/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/2	28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/2	28/23	05/02/23	
Surrogate: Toluene-d8		99.1 %	70-130	04/2	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)	126	25.0	1	04/2	27/23	04/29/23	_
Oil Range Organics (C28-C36)	139	50.0	1	04/2	27/23	04/29/23	
Surrogate: n-Nonane		70.4 %	50-200	04/2	27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2318013
Chloride	47.8	20.0	1	05/0	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					
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	I	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	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	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.1 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: IY	7		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.1 %	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	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		73.4 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2318013
Chloride	ND	20.0	1	1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N10 - 4' E304195-17

		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		115 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.2 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130	04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	04/28/23	05/02/23	
Surrogate: Toluene-d8		98.2 %	70-130	04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		75.5 %	50-200	04/27/23	04/29/23	
A: L EDA 200 0/005/ A	ma/ka	ma/lra	Δ	Analyst: RAS		Batch: 2318013
Anions by EPA 300.0/9056A	mg/kg	mg/kg		maryst. 10 18		Buten: 2310013

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	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250		1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250		1	04/28/23	05/02/23	
Toluene	ND	0.0250		1	04/28/23	05/02/23	
o-Xylene	ND	0.0250		1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500		1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250		1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		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	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:	JL		Batch: 2317062
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		77.6 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2318013
					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

		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		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:	JL		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	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Benzene	ND	0.0250	1	1	04/28/23	05/02/23	
Ethylbenzene	ND	0.0250	1	1	04/28/23	05/02/23	
Toluene	ND	0.0250	1	1	04/28/23	05/02/23	
o-Xylene	ND	0.0250	1	1	04/28/23	05/02/23	
p,m-Xylene	ND	0.0500	1	1	04/28/23	05/02/23	
Total Xylenes	ND	0.0250	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.0 %	70-130		04/28/23	05/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/28/23	05/02/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/28/23	05/02/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/28/23	05/02/23	
Surrogate: Toluene-d8		98.0 %	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		77.4 %	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	05/02/23	•

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

N11 - 4' E304195-21

Analyte	Result	Reporting Limit	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		85.1 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		85.1 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063
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		85.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015
Chloride	235	20.0	1	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

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Rk	ζS		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		84.6 %	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	A	Analyst: Rk	KS		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	A	Analyst: JL			Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/28/23	
Surrogate: n-Nonane		91.0 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2318015
	ND	20.0	•	<u> </u>	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

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E304195-23

		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		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	-	Analyst:	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		84.7 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		109 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/28/23	
Surrogate: n-Nonane		90.1 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015
Amons by ETA 300.0/7030A							



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

SW2 E304195-24

D 1	Reporting	D.11		D 1		N.
Kesult	Limit	Dıl	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2317061
ND	0.0250		1	04/27/23	04/28/23	
ND	0.0250		1	04/27/23	04/28/23	
ND	0.0250		1	04/27/23	04/28/23	
ND	0.0250		1	04/27/23	04/28/23	
ND	0.0500		1	04/27/23	04/28/23	
ND	0.0250		1	04/27/23	04/28/23	
	83.4 %	70-130		04/27/23	04/28/23	
	101 %	70-130		04/27/23	04/28/23	
	108 %	70-130		04/27/23	04/28/23	
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2317061
ND	20.0		1	04/27/23	04/28/23	
	83.4 %	70-130		04/27/23	04/28/23	
	101 %	70-130		04/27/23	04/28/23	
	108 %	70-130		04/27/23	04/28/23	
mg/kg	mg/kg		Analyst	: Л		Batch: 2317063
ND	25.0		1	04/27/23	04/28/23	
ND	50.0		1	04/27/23	04/28/23	
	89.1 %	50-200		04/27/23	04/28/23	
mg/kg	mg/kg		Analyst:	: BA		Batch: 2318015
ND	20.0		1	05/01/23	05/02/23	
	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 83.4 % 101 % 108 % mg/kg ND 20.0 83.4 % 101 % 108 % 108 % mg/kg mg/kg ND 25.0 ND 50.0 89.1 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 83.4 % 70-130 101 % 70-130 108 % 70-130 mg/kg mg/kg ND 20.0 83.4 % 70-130 101 % 70-130 108 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 89.1 % 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 ND 70-130 1 101 % 70-130 1 108 % 70-130 1 ND 20.0 1 83.4 % 70-130 1 101 % 70-130 1 108 % 70-130 1 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 89.1 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS 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 70-130 04/27/23 101% 70-130 04/27/23 108% 70-130 04/27/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/27/23 101% 70-130 04/27/23 108% 70-130 04/27/23 108% 70-130 04/27/23 108% 70-130 04/27/23 108% 70-130 04/27/23 ND 25.0 1 04/27/23 ND 50.0 1 04/27/23 ND 50.	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/27/23 04/28/23 ND 0.0500 1 04/27/23 04/28/23 ND 0.0250 1 04/27/23 04/28/23 ND 0.0250 1 04/27/23 04/28/23 ND 0.0250 1 04/27/23 04/28/23 101% 70-130 04/27/23 04/28/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/27/23 04/28/23 108% 70-130 04/27/23 04/28/23 108% 70-130 04/27/23 04/28/23 mg/kg mg/kg Analyst: JL ND 25.0 <t< td=""></t<>



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

E304195-25

		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		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	: 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	: 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
					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

SW4

E304195-26

		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

E30		

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Benzene	ND	0.0250		1	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.2 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015
Chloride	ND	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

SW6

E304195-28								
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061	
Benzene	ND	0.0250		1	04/27/23	04/28/23		
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23		
Toluene	ND	0.0250		1	04/27/23	04/28/23		
o-Xylene	ND	0.0250		1	04/27/23	04/28/23		
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23		
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		81.4 %	70-130		04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/27/23	04/28/23		
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23		
Surrogate: Bromofluorobenzene		81.4 %	70-130		04/27/23	04/28/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/27/23	04/28/23		
Surrogate: Toluene-d8		111 %	70-130		04/27/23	04/28/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23		
Surrogate: n-Nonane		84.3 %	50-200		04/27/23	04/29/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015	

20.0

05/01/23

05/02/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

SW7

		E304195-29							
Reporting									
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2317061		
Benzene	ND	0.0250		1	04/27/23	04/28/23			
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23			
Toluene	ND	0.0250		1	04/27/23	04/28/23			
o-Xylene	ND	0.0250		1	04/27/23	04/28/23			
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23			
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23			
Surrogate: Bromofluorobenzene		76.3 %	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	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		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

E304195-30

		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	04/27/23	04/28/23	
Ethylbenzene	ND	0.0250		1	04/27/23	04/28/23	
Toluene	ND	0.0250		1	04/27/23	04/28/23	
o-Xylene	ND	0.0250		1	04/27/23	04/28/23	
p,m-Xylene	ND	0.0500		1	04/27/23	04/28/23	
Total Xylenes	ND	0.0250		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		76.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		113 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2317061
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	04/28/23	
Surrogate: Bromofluorobenzene		76.5 %	70-130		04/27/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/27/23	04/28/23	
Surrogate: Toluene-d8		113 %	70-130		04/27/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		84.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318015



QC Summary Data

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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
	Volatile Organic Co	ompounds by EPA 8260B	Analyst: RKS

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				5/3	/2023 12:25:55PM
	V	olatile Organi	ic Compo	unds by EI	PA 82601	В		A	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: 04	4/27/23 Analy	yzed: 05/02/23
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	0.519		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-BS1)							Prepared: 04	4/27/23 Analy	yzed: 05/02/23
Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.48	0.0250	2.50		99.2	70-130			
p,m-Xylene	4.92	0.0500	5.00		98.5	70-130			
Total Xylenes	7.40	0.0250	7.50		98.7	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.553		0.500		111	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			
Matrix Spike (2317061-MS1)				Source:	E304192-	04	Prepared: 04	4/27/23 Analy	yzed: 05/02/23
Benzene	2.57	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.51	0.0250	2.50	ND	100	43-135			
p,m-Xylene	4.96	0.0500	5.00	ND	99.2	43-135			
Total Xylenes	7.47	0.0250	7.50	ND	99.6	43-135			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
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	4/27/23 Analy	yzed: 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

99.1

70-130

Surrogate: Toluene-d8

0.496

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: 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 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 0.529 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 ND 99.0 48-130 Toluene 2.47 0.0250 2.50 2.48 0.0250 2.50 ND 99.1 43-135 o-Xylene 4.88 5.00 ND 97.5 43-135 p,m-Xylene 0.0500 Total Xylenes 7.35 0.0250 7.50 ND 98.0 43-135 110 Surrogate: Bromofluorobenzene 0.550 0.500 70-130

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

114

97.4

96.6

96.2

96.9

94.8

95.5

109

112

99.4

Source: E304195-03

ND

ND

ND

ND

ND

ND

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.79

2.68

2.87

2.18

2.81

2.60

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

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2317082-MSD1)

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

0.572

0.507

2.43

2.41

2.40

2.42

4.74

7.16

0.545

0.561

0.497

Gasoline Range Organics (C6-C10)

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum5/3/202312:25:55PM

	Non	halogenated	Organics l	by EPA 80	15D - Gl	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 Ana	lyzed: 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 Ana	lyzed: 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-	04	Prepared: 0	4/27/23 Ana	lyzed: 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	04	Prepared: 0	4/27/23 Ana	lyzed: 05/02/23

50.0

0.500

0.500

0.500

20.0

90.5

105

112

102

70-130

70-130

70-130

70-130

2.10

45.2

0.524

0.558

0.510



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 12:25:55PM

Plains TX, 79355-0247		Project Manager	: To	m Bynum				5	5/3/2023 12:25:55PM
Nonhalogenated Organics by EPA 8015D - GRO Analyst: IY									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317082-BLK1)							Prepared: 0	4/28/23 Ana	alyzed: 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 Ana	alyzed: 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 Ana	alyzed: 05/02/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
Matrix Spike Dup (2317082-MSD2)				Source:	E304195-	03	Prepared: 0	4/28/23 Ana	alyzed: 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			

0.500

0.500

0.557

0.507

70-130

70-130

111

101



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 12:25:55PM

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 (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			



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 12:25:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:25:55PM
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							
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	analyzed: 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	analyzed: 04/28/23
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			
Matrix Spike Dup (2317063-MSD1)				Source:	E304195-3	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	3.50	20	
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Diamond PWU 22 1H 21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:25:55PM

Plains TX, 79355-0247		Project Manager	r: To	om Bynum					5/3/2023 12:25:55PM
Anions by EPA 300.0/9056A 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 (2318013-BLK1)							Prepared: 0	5/01/23	Analyzed: 05/01/23
Chloride	ND	20.0							
LCS (2318013-BS1)							Prepared: 0	5/01/23	Analyzed: 05/01/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2318013-MS1)				Source:	E304195-	01	Prepared: 0	5/01/23	Analyzed: 05/01/23
Chloride	1330	20.0	250	1180	56.9	80-120			M2
Matrix Spike Dup (2318013-MSD1)				Source:	E304195-	01	Prepared: 0	5/01/23	Analyzed: 05/01/23

250

20.0

1180

66.3

80-120

1.77

20

1350



Chloride

M2

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	_	iamond PWU 1064-0001	22 1H				Reported:
Plains TX, 79355-0247		Project Manager		om Bynum					5/3/2023 12:25:55PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2318015-BLK1)							Prepared: 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	5/01/23 A	nalyzed: 05/02/23
Chloride	526	20.0	250	235	117	80-120			
Matrix Spike Dup (2318015-MSD1)				Source:	E304195-	21	Prepared: 0	5/01/23 A	nalyzed: 05/02/23

250

20.0

235

133

80-120

7.67

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
١	PO Box 247	Project Number:	21064-0001	Reported:
١	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

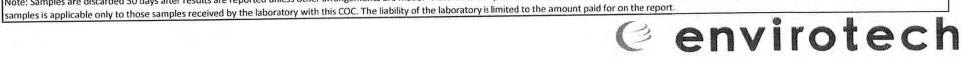
DNI Did Not Ignite

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

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



Client. D	ima Envir	onmont	al Sonii	res T	Bill To		200		La	b Us	e On	ly				TA			rogram
Project:	Diamond	Dian	12	14	Attention:		Lab '	WO#			Job I	Numl	ber .	1D	2D	3D		CWA	SDWA
Project A	lanager:	Com By	num		Address:		E3	041	95		210	64	1000				X		
Address:	5614 N.	l ovinate	n Hwy.		City, State, Zip						Analy	sis ar	nd Meth	bd					RCRA
	e, Zip Ho				Phone:														1
	580-748-1				Email:		315	315								1	1114 60	State	TTVI
	tom@pim		1		Pima Project # 1-281-2		3y 8(34 8(21	93	0	0.00		Σ×	*			UT AZ	11/
Report d					Pima Project # 1 2012		NO.	NO.	ok 80	y 82(9 601	de 3(X		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	s
	4/21/23	(oi)	- 1	1	16-3'	1								X					
	(1	1		16-3' 16-4'	2													
					16-5'	3													
				1	17-1'	4													
					v7-3'	5													
					17-4 ¹	6													
					N8 -1'	7													
					N8-31	8													
					N8-41	9													
		I	1		18-51	10								1	-				
Additio	nal Instruc	tions:																	
				nticity of this sample. I may be grounds for I	I am aware that tampering with or intentionally misla egal action. <u>Sampled by:</u>	belling the samp	ole loca	tion,			Sam	ples requested in ice	uiring thern e at an avg t	nal prese emp abo	rvation ve 0 bu	must be i t less tha	received on ice the da n 6 °C on subsequent	y they are sam days.	npled or receiv
Relinquis	hed by: (Sign	ature)	Dat		Received by: (Signature)	Date 42	رك ب) Tim	33	٥	Re	ceive	d on ice	e: (Lab Y/	Use O N	nly		
Relinquis	hed by: (Sign	ature)	Da	te 1-2627	130 1.16/	Date 4	Ul	23	7	30	T1			_ I	2		<u>T3</u>		
Relinquis	hed by: (Sign	ature	Da	100	Received by (Signature) hat	- 4/2	1/23	3 8	3:15	5	AV	/G Te	mp °C_	4					
	10	d Colid Co	- Sludge A	- Aqueous O - Other	d unless other arrangements are made. Hazard	Contair	er Ty	pe: g	- glas	s, p -	poly/	plasti	c, ag - a	mber	glass,	v - VO	A		



liont. D	ma Envi	ronmont	al Sanda	es Bill To					b Us					TA			rogram
roject:	ma Envi Viancen	d Du	al Service			Lab	WO#				Number 064-000	1D	2D	3D	Standard	CWA	SDWA
roject N	anager:	Tom By	num	Address:		E3	300	H	5	21	069 -000 ysis and Met	01	48		X		RCRA
	5614 N.			City, State, Zip Phone:						Anaiy	ysis and Med	Tiou	T	T			- Menor
hone: F	e, Zip Ho	1613	/i. 88240	Email:		15	15						1			State	
	om@pin		n	Pima Project # \ -29	1-7	by 80	by 80	121	09	9	0.00	2	×			UT AZ	TX
eport d				Pima Project #) = 21		ORO	DRO	by 80	y 82	ls 601	ide 3			1 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	RGDOC			Remarks	
	4/21/23	Soul	ı	N9-1'	11							>	<				
	1		(N9-3'	12												
				N9-41	13												
				N9-5'	14												
				M10-11	15												
				N10-31	10												
				N10-41	17												
			++	N10-51	18								\prod				
				N11-1'	19												
			1	N11 - 31	20								I				
Addition	nal Instru	ctions:		1411 3													
				ticity of this sample. I am aware that tampering with or intentions	ally mislabelling the samp	le loca	tion,		-						eceived on ice the da 6 °C on subsequent		pled or receive
			ed fraud and Dat	may be grounds for legal action. Sampled by: e Time Received by: (Signature)	Date		Tim	e	(A)	-			Lab	Use Or	nly	7	
1.10	ed by (Sign	0	4	-26-23 1330 made lu	yes 4-2	02	Tim	133	0	Re	ceived on i	ce:	(V)	N			
	ned by: (Sign	nature)	Dat		U 4/2	6p	3 Tim	17	30	<u>T1</u>		1	2		<u>T3</u>		
Relinquis	ned by: (Sign	nature)	Dat	e 127/235 Received by (Signature)	That 4/2	1/2		51/2		AV	/G Temp °C	4					
	We shi	Solid So	r - Sludge A	Aqueous, O - Other	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA azardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above												



Mart. D			ol Cond	200	Bill To			STAN.	La	b Us	e On	nly	7		TAT	T	EPA P	rogram
lient: P	ima Envi Dicema	ronmen	al Service	ces 7 IH	Attention:		Lab	WO#					1D	2D	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num	<u> </u>	Address:		E.	wo# 304	195	5	210	Number 064-000/				X		2001
Address:	5614 N.	Lovingt	on Hwy.		City, State, Zip						Analy	ysis and Metho	od	_				RCRA
	e, Zip Ho		A. 88240)	Phone:		15	10									State	
	580-748- com@pin		n		Email:	2	801	8015	1			0.0	5			NM CO	UT AZ	TX
Report d		Idoli.coi			Pima Project # L-281	- 4	RO by	RO by	y 802	8260	6010	le 300	N			x		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	RGDOC	BGDOC			Remarks	
	4/21/23	So.	1		N11-4'	21							×					
		1	1		NII-51	22												
					SWI	23												
					SW2	24												
* ****					5W3	25											5.14/4/VIII	
					SWY	26												
					5w 5	27								4				
					sw6	28												
					SWT	29								\perp				
		1	17		sw8	30							-	-				
	nal Instru																	
				nticity of this sample I may be grounds for	. I am aware that tampering with or intentionally misl legal action. Sampled by:	abelling the samp	le loca	tion,				ples requiring therm ked in ice at an avg t	emp ab	ove 0 but	less than 6	6°C on subsequent		pled or receive
	ed by: Sign		. Dar	te Tim		Date 4-2	62	Tim	330	5	Re	ceived on ice		Lab I	Jse On N	nly		
	ned by: (Sign		Da	te 4. 23 Tim		Date 4/7	6/2	3 Tim	13	0	<u>T1</u>		_ 1	2	700 -0	<u></u>		
	ned by: (Sign		Da	fe Mh Tim	Received by (Signature)	- 10ate 4/2	1/2	Tim	3:13	5	AV	/G Temp °C_	4	-				
1/1	11/		/	Aqueous, O - Other		Contain	er Tv	ne: g	glass	s n -	noly/	/plastic, ag - a	mber	glass, v	- VOA			



envirotech Inc.

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		Work Order ID:	E304195
Phone:	(575) 631-6977	Date Logged In:	04/27/23		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/03/23	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	Il samples received within holding time?	·	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.	•			Commen	ts/Resolution
	urn Around Time (TAT)				Project Diamond PWU	22 1H has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		•	
Sample C					separated into 2 reports	•
	sample cooler received?		Yes		volume. Workorders ar	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 c	•
10. Were	custody/security seals present?		No		provided on eac per e	Tiont.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 4	<u>~</u>			
Sample C	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers')	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · · · · · · · · · · · · · · · · · ·	iers conceteu.	103			
	field sample labels filled out with the minimum info	rmation:				
	ample ID?	imation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
21. Does	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			
Multipha	se Sample Matrix					
26. Does	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 laborator	rv?	No			
	subcontract laboratory specified by the client and it	-	NA	Subcontract Lab	: NA	
	struction					
CHERTI	istruction					

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: 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

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Sample Summary

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
l	PO Box 247	Project Number:	21064-0001	Reported:
l	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

		1204173-02				
Analyte	Result	Reporting Limit	Dilut	ion Prepare	ed Analyzed	Notes
· ·					7 Hary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	F	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/2		
Ethylbenzene	ND	0.0250	1	04/27/2		
Toluene	ND	0.0250	1	04/27/2	3 05/01/23	
o-Xylene	ND	0.0250	1	04/27/2	3 05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/2	3 05/01/23	
Total Xylenes	ND	0.0250	1	04/27/2	3 05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/27/2	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/27/2	05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04/27/2	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/2	3 05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/27/2	3 05/01/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/27/2	3 05/01/23	
Surrogate: Toluene-d8		98.3 %	70-130	04/27/2	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/2	3 04/29/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/2	3 04/29/23	
Surrogate: n-Nonane	·	88.7 %	50-200	04/27/2	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318011
Chloride	34.9	20.0	1	05/01/2	3 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

Analyte	Result	Reporting Limit	Dil	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		107 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	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		107 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	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		85.3 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2318011
Chloride	28.4	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 - 5' E304193-04

	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		105 %	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		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	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	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		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	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		85.8 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	ND	20.0	1	1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P2 - 1' E304193-05

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		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	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		99.4 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		88.4 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318011

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P2 - 3' E304193-06

		200.170 00				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/27/23	05/01/23	
Surrogate: Toluene-d8		100 %	70-130	04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	-
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		83.2 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2318011
Chloride	634	20.0	1	05/01/23	05/01/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P2 - 4'

E304193-07							
		Reporting					
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		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		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		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	
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

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:	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		85.1 %	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

Reporting	F.''		D 1		N.
Limit	Dilt	ution	Prepared	Analyzed	Notes
mg/kg		Analyst: I	Y		Batch: 2317065
0.0250		1	04/27/23	05/01/23	
0.0250		1	04/27/23	05/01/23	
0.0250		1	04/27/23	05/01/23	
0.0250		1	04/27/23	05/01/23	
0.0500		1	04/27/23	05/01/23	
0.0250		1	04/27/23	05/01/23	
105 %	70-130		04/27/23	05/01/23	
113 %	70-130		04/27/23	05/01/23	
98.7 %	70-130		04/27/23	05/01/23	
mg/kg		Analyst: I	Y		Batch: 2317065
20.0		1	04/27/23	05/01/23	
105 %	70-130		04/27/23	05/01/23	
113 %	70-130		04/27/23	05/01/23	
98.7 %	70-130		04/27/23	05/01/23	
mg/kg		Analyst: J	L		Batch: 2317059
25.0		1	04/27/23	04/29/23	
50.0		1	04/27/23	04/29/23	
86.6 %	50-200		04/27/23	04/29/23	
mg/kg		Analyst: I	BA		Batch: 2318011
20.0		1	05/01/23	05/01/23	_
	Limit mg/kg 0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 105 % 113 % 98.7 % mg/kg 20.0 105 % 113 % 98.7 % mg/kg 25.0 50.0 86.6 % mg/kg	Limit Dile mg/kg 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 105 % 70-130 113 % 70-130 98.7 % 70-130 113 % 70-130 113 % 70-130 113 % 70-130 113 % 70-130 113 % 70-130 113 % 70-130 114 % 70-130 115 % 70-130 115 % 70-130 117 % 70-130 118 % 70-130 119 % 70-130 119 % 70-130 110 % 70-130 110 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130 111 % 70-130	Limit Dilution mg/kg Analyst: I 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0500 1 0.0250 1 105 % 70-130 mg/kg Analyst: I 20.0 1 105 % 70-130 113 % 70-130 mg/kg Analyst: I 25.0 1 50.0 1 86.6 % 50-200 mg/kg Analyst: I	Limit Dilution Prepared mg/kg Analyst: IY 0.0250 1 04/27/23 0.0250 1 04/27/23 0.0250 1 04/27/23 0.0250 1 04/27/23 0.0500 1 04/27/23 0.0250 1 04/27/23 105 % 70-130 04/27/23 113 % 70-130 04/27/23 98.7 % 70-130 04/27/23 105 % 70-130 04/27/23 113 % 70-130 04/27/23 113 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.7 % 70-130 04/27/23 98.6 % 50-200 04/27/23 86.6 % 50-200 04/27/23 98.6 % 50-200 <td>Limit Dilution Prepared Analyzed mg/kg Analyst: IY 0.0250 1 04/27/23 05/01/23 0.0250 1 04/27/23 05/01/23 05/01/23 0.0250 1 04/27/23 05/01/23 0.0500 1 04/27/23 05/01/23 0.0250 1 04/27/23 05/01/23 105 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 98.7 % 70-130 04/27/23 05/01/23 mg/kg Analyst: IY 20.0 1 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 98.7 % 70-130 04/27/23 05/01/23 mg/kg Analyst: JL 25.0 1 04/27/23 04/29/23 50.0 1 04/27/23</td>	Limit Dilution Prepared Analyzed mg/kg Analyst: IY 0.0250 1 04/27/23 05/01/23 0.0250 1 04/27/23 05/01/23 05/01/23 0.0250 1 04/27/23 05/01/23 0.0500 1 04/27/23 05/01/23 0.0250 1 04/27/23 05/01/23 105 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 98.7 % 70-130 04/27/23 05/01/23 mg/kg Analyst: IY 20.0 1 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 113 % 70-130 04/27/23 05/01/23 98.7 % 70-130 04/27/23 05/01/23 mg/kg Analyst: JL 25.0 1 04/27/23 04/29/23 50.0 1 04/27/23

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	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		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	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		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	A	Analyst: JL			Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1		04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/27/23	04/29/23	
Surrogate: n-Nonane		85.7 %	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	456	20.0	1	·	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P3 - 4'

		E304193-11					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2317065
Benzene	ND	0.0250	1	04/	27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/	27/23	05/01/23	
Toluene	ND	0.0250	1	04/	27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/	27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/	27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/	27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/	27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/	27/23	05/01/23	
Surrogate: Toluene-d8		99.7 %	70-130	04/	27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/	27/23	05/01/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/	27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/	27/23	05/01/23	
Surrogate: Toluene-d8		99.7 %	70-130	04/	27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/	27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/	27/23	04/29/23	
Surrogate: n-Nonane		85.0 %	50-200	04/	27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2318011
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

		2001170 10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
				1	Amaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ai	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		98.2 %	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		98.2 %	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		84.1 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: 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	Dilut	tion Prepa	ared Analyze	ed Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27	7/23 05/01/2	3
Ethylbenzene	ND	0.0250	1	04/27	7/23 05/01/2	3
Toluene	ND	0.0250	1	04/27	7/23 05/01/2	3
o-Xylene	ND	0.0250	1	04/27	7/23 05/01/2	3
p,m-Xylene	ND	0.0500	1	04/27	7/23 05/01/2	3
Total Xylenes	ND	0.0250	1	04/27	7/23 05/01/2	3
Surrogate: Bromofluorobenzene		107 %	70-130	04/27	7/23 05/01/2	3
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/27	7/23 05/01/2	3
Surrogate: Toluene-d8		99.4 %	70-130	04/27	7/23 05/01/2	3
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27	7/23 05/01/2	3
Surrogate: Bromofluorobenzene		107 %	70-130	04/27	7/23 05/01/2	3
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/27	7/23 05/01/2	3
Surrogate: Toluene-d8		99.4 %	70-130	04/27	7/23 05/01/2	3
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	7/23 04/29/2	3
Oil Range Organics (C28-C36)	ND	50.0	1	04/27	7/23 04/29/2	3
Surrogate: n-Nonane		85.3 %	50-200	04/27	7/23 04/29/2	3
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2318011

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P4 - 4' E304193-15

		2001170 10					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Renzene	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	į	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	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		86.6 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	101	20.0		1	05/01/23	05/01/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P4 - 5' E304193-16

Reporting							
Analyte	Result	Limit	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		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		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1	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		Analyst:	Л		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		88.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
					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

P5 - 1'

		E304193-17				
		Reporting				
Analyte	Result	Limit	Diluti	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2317065
Benzene	ND	0.0250	1	04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/27/23	05/01/23	
Toluene	ND	0.0250	1	04/27/23	05/01/23	
o-Xylene	ND	0.0250	1	04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		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	Α	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	Α	Analyst: JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/29/23	
Surrogate: n-Nonane		92.0 %	50-200	04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2318011
Chloride	182					

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	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2317065
Benzene	ND	0.0250	1		04/27/23	05/01/23	
Ethylbenzene	ND	0.0250	1		04/27/23	05/01/23	
Toluene	ND	0.0250	1		04/27/23	05/01/23	
o-Xylene	ND	0.0250	1		04/27/23	05/01/23	
p,m-Xylene	ND	0.0500	1		04/27/23	05/01/23	
Total Xylenes	ND	0.0250	1		04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		87.9 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2318011
·	51.2	20.0	1		05/01/23	05/02/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

P5 - 4'

		E304193-19					
		Reporting					
Analyte	Result	Limit	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	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		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		101 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2317065
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/27/23	05/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/27/23	05/01/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/27/23	05/01/23	
Surrogate: Toluene-d8		101 %	70-130		04/27/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317059
Diesel Range Organics (C10-C28)	ND	25.0		1	04/27/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/27/23	04/29/23	
Surrogate: n-Nonane		87.0 %	50-200		04/27/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2318011
Chloride	ND	20.0		1	05/01/23	05/02/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

SW2

E304193-21

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2317083
Benzene	ND	0.0250	1	04/28/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/01/23	
Toluene	ND	0.0250	1	04/28/23	05/01/23	
o-Xylene	ND	0.0250	1	04/28/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		84.7 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2318010
	•					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

SW3

E304193-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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		92.3 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	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		87.5 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: 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

		Domontino				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2317083
Benzene	ND	0.0250	1	04/28/23	05/01/23	
Ethylbenzene	ND	0.0250	1	04/28/23	05/01/23	
Toluene	ND	0.0250	1	04/28/23	05/01/23	
o-Xylene	ND	0.0250	1	04/28/23	05/01/23	
p,m-Xylene	ND	0.0500	1	04/28/23	05/01/23	
Total Xylenes	ND	0.0250	1	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2317083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/28/23	05/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2317063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		86.4 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2318010
Chloride	ND	20.0	1	05/01/23	05/02/23	



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 2.50 70-130 2.38 95.2 Ethylbenzene 0.0250 2.40 0.0250 2.50 96.0 70-130 2.38 70-130 0.0250 2.50 95.2 o-Xylene 4.69 5.00 93.8 70-130 p,m-Xylene 0.0500 7.07 0.0250 7.50 94.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.539 0.500 108 70-130 0.500 112 70-130 Surrogate: 1,2-Dichloroethane-d4 0.559 70-130 Surrogate: Toluene-d8 0.496 0.500 Matrix Spike (2317065-MS1) Source: E304193-05 Prepared: 04/27/23 Analyzed: 05/01/23 48-131 2.54 0.0250 2.50 ND 101 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

5.00

7.50

0.500

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0500

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

ND

ND

ND

ND

97.5

97.8

105

114

97.6

97.8

97.6

97.9

96.4

96.9

109

110

101

Source: E304193-05

43-135

43-135

70-130

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

3.84

1.02

1.75

0.428

1.14

0.897

4.87

7.33

0.524

0.568

0.490

2.44

2.45

2.44

2.45

4.82

7.27

0.547

0.552

0.504

envirotech Inc.

Prepared: 04/27/23 Analyzed: 05/02/23

23

27

24

27

27

27

p,m-Xylene

Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2317065-MSD1)

		QC Si	umm	ary Dat	а				
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 12:19:12PM
		Volatile O	rganics	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	analyzed: 05/01/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			
LCS (2317083-BS1)							Prepared: 0	4/28/23 A	analyzed: 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	analyzed: 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			
p-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	analyzed: 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	
T 1	161	0.0250	5.00	ND	02.0	61 120	12.0	20	

ND

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5.00

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10.0

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4.64

4.70

9.34

14.0

7.65

92.9

94.0

93.4

93.6

61-130

63-131

63-131

63-131

70-130

12.8

12.2

12.1

12.1

20

20

20

20



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2317065-BLK1)]	Prepared: 0	4/27/23 Anal	yzed: 05/01/23	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.555		0.500		111	70-130				
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130				

LCS (2317065-BS2)					Prepared: 04/27/23 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: 04/27/23 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: 04/27/23 Analyzed: 05/02/2				
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130	2.00	20
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130		
Surrogate: Toluene-d8	0.508		0.500		102	70-130		

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

Plains TX, 79355-0247		Project Manage		m Bynum				5	/3/2023 12:19:12PM		
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (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				red: 04/28/23 Analyzed: 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:	Source: E304193-21			repared: 04/28/23 Analyzed: 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)	Sou			Source:	Source: E304193-21			Prepared: 04/28/23 Analyzed: 05/01/23			
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	70-130	10.8	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130					

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	21064-0001	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2023 12:19:12PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/3/2023 12:19:12PN
	Nonhal	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 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.5		50.0		89.0	50-200			
LCS (2317059-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
urrogate: n-Nonane	45.0		50.0		90.0	50-200			
Matrix Spike (2317059-MS1)				Source:	E304193-	10	Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
urrogate: n-Nonane	42.2		50.0		84.4	50-200			
Matrix Spike Dup (2317059-MSD1)				Source:	E304193-	10	Prepared: 0	4/27/23 A	nalyzed: 04/29/23
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	0.824	20	
Jurrogate: 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 12:19:12PN
	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 (2317063-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.9		50.0		89.9	50-200			
CS (2317063-BS1)							Prepared: 0	4/27/23 A	nalyzed: 04/28/23
riesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
urrogate: n-Nonane	43.9		50.0		87.8	50-200			
Aatrix Spike (2317063-MS1)				Source:	E304195-3	30	Prepared: 0	4/27/23 A	nalyzed: 04/28/23
riesel 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
tiesel 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			



Plains TX, 79355-0247	Project Manager: Anions by 1	Tom Bynum EPA 300.0/9056A	5/3/2023 12:19:12PM Analyst: RAS
PO Box 247	Project Number:	21064-0001	
Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:

		Anions	S DY EPA 3	UU.U/9U30 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2318010-BLK1)							Prepared: 0	5/01/23 Aı	nalyzed: 05/02/23
Chloride	ND	20.0							
LCS (2318010-BS1)							Prepared: 0	5/01/23 Aı	nalyzed: 05/02/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2318010-MS1)				Source:	E304193-	21	Prepared: 0	5/01/23 Aı	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 Aı	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:		Diamond PWU 1064-0001	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:	T	om Bynum					5/3/2023 12:19:12PM
		Anions l	oy EPA	300.0/9056 <i>A</i>	1				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (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	
l	PO Box 247	Project Number:	21064-0001	Reported:
l	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

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Chain of Custody

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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.						



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Project Information

Chain of Custody

Page 2 of 3

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Mata Ca	mplac ara di	carded 30	days after	results are reported	d unless other arrangements are made. Ha	azardous samples w	ill be r	eturne	ed to cl	lient	or disp	osed o	f at the c	lient e	xpens	e. The	report for the ar	nalysis of th	e above
samples	is applicable	only to th	ose sample	s received by the la	boratory with this COC. The liability of the I	laboratory is limited	to the	amou	unt pai	d for	on the	report		_			,,,,,		



Project Information

	-		10		Bill To	William Control			La	b Us	e On	lv			TA	T	EPA P	ogram
Client: P	ma Envir	onment	al Servic	es 7 III	Attention:		Lab	WO#	TE T		Job I	Number	1D	2D	3D	Standard	CWA	SDWA
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Address:	5614 N.	Lovingto	n Hwy.		City, State, Zip						Analy	sis and Meth	od	_				RCRA
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	80-748-1				Email:		8015	8015							1 1	NMI CO	UT AZ	TX
	om@pim	aoil.con	n		Pima Project # 1-281-3		O by	yd O	8021	3260	010	300.	S		1 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	
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6 1 14	etrix: S - Soil. S	Sd - Solid, Sg	- Sludge A -	Aqueous, O - Other	ed unless other arrangements are made. Hazard	Contair	ner Ty	pe:g	- glass	s, p -	poly/	plastic, ag - a	mber	glass, \	v - VOA	A		



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

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labadmin@envirotech-inc.com

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Rayny Hagan

Office: 505-421-LABS(5227)

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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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 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

		L500070 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

2 CS

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		56.9 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

3 CS

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		56.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



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	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
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Analysta	Result	Reporting Limit	Dilution	Duamanad	Amalyzad	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		79.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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		98.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	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		90.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	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		74.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2323062
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Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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		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		92.4 %	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		95.4 %	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		80.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	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	
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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		81.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	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		69.2 %	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	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		71.2 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	

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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		60.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2323057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	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	
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Analys	D14	Reporting Limit	Dilution	D	A l	Nister
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	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		90.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		59.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

18 CS

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Analysta	Result	Reporting Limit	Dilution	Duomonod	Amalyzad	Notes
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	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		90.4 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323067
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		80.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:09:00PM

19 CS

		D 4				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2323057
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	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		92.1 %	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		81.4 %	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

20 CS

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Result			Prepared	Analyzed	Notes
			•	Amaryzea	
mg/kg	mg/kg	Anai	yst: 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	
	95.9 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2323057
ND	20.0	1	06/08/23	06/09/23	
	91.8 %	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	
	82.7 %	50-200	06/08/23	06/09/23	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323062
mg/kg	mg/kg)		
	ND ND ND ND ND ND ND ND ND Mg/kg ND	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 25.9 % mg/kg mg/kg ND 20.0 91.8 % mg/kg ND 25.0 ND 50.0 82.7 %	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 25.9 % 70-130 Mg/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 82.7 % 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 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	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 50.0 1 06/08/23 06/09/23



		QC SI	umma	ary Dat	a				
Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:	01	iamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:	10	om Bynum					6/12/2023 4:09:00PM
		Volatile O	rganics l	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 (2323057-BLK1)							Prepared: 0	6/08/23 A	Analyzed: 06/09/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.98		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			
-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			
o-Xylene	5.17	0.0250	5.00	ND	103	63-131			
o,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	
37. 1	5.26	0.0250	5.00	MD	105	62 121	1.72	20	

ND

ND

ND

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104

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10.4

15.6

8.09

0.0250

0.0500

0.0250

63-131

63-131

63-131

70-130

20

20

20

1.72

1.59

1.63



o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 6/12/2023 4:09:00PM Plains TX, 79355-0247 Project Manager: Tom Bynum

Non		Analyst: SL						
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323057-BLK1)							Prepared: 0	6/08/23 Ana	lyzed: 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 Ana	lyzed: 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 Ana	lyzed: 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 Ana	lyzed: 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 4:09:00PN	
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2323067-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	33.2		50.0		66.4	50-200				
LCS (2323067-BS1)								Prepared: 06/08/23 Analyzed: 06/09/23		
Diesel 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: 06/09/23		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.7	38-132				
urrogate: n-Nonane	35.2		50.0		70.3	50-200				
Matrix Spike Dup (2323067-MSD1)				Source:	E306070-	12	Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	5.19	20		
urrogate: n-Nonane	32.8		50.0		65.6	50-200				



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Diamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247		Project Manager:			6/12/2023 4:09:00PM				
		Anions l	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 (2323062-BLK1)							Prepared: 0	6/09/23	Analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323062-BS1)							Prepared: 0	6/09/23	Analyzed: 06/09/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2323062-MS1)				Source:	E306070-0)1	Prepared: 0	6/09/23	Analyzed: 06/09/23
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2323062-MSD1)				Source:	E306070-0)1	Prepared: 0	6/09/23	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.



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Project Information

Chain of Custody

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Client: Pima Environmental Services Bill To										(Aladina Al	La	b Us	e Onl	ly				TA	EPA Program		
Project:	Dian	Tom By	JU 22	1 H			ZVON			WO#			Job N			1D	2D	3D	Standard	CWA	SDWA
		V. Loving				Address: City, State, Zip			ES	SOCO	070				7000	IX					DCDA
		Hobbs, N			1	Phone:					Ė		Analys	sis ar	nd Method			Т			RCRA
Phone:					100	Email:			15	53						1			37. T. Shu. V	State	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample II)			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300		верос	BGDOC			Remarks	
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						ware that tampering with		ing the sample	locatio	on,									eived on ice the day		ed or received
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Sample Matr	x: S - Soil,	Sd - Solid, Sg -	Sludge, K-		ther			Containe	Туре	: g - g	glass, p	p - pc	oly/pla	astic,	ag - amb	er gla	ss, v -	VOA			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, K - Aqueous, O - Other Container Type Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be re samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the																nt exp	ense.	The re	eport for the an	alysis of the	above



Project	Inforn	nation
Client:	Pima	Envir

Chain of Custody

		10
Page Z	_ of _	10

Attention: Project Manager: Tom Bynum Address: Gity, State, Zip Phone: Email: Implication Service of the State Client: F		Lab Use Only							EPA P	ogram										
Address: 5614 N. Lovington Hww. City, State, Zip Phone: 580-748-1613 Email: Iom@pimeoil.com Report due by: Time Date Sampled Sampled Sampled Sampled II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima Project # 1-291-3 II Pima					1H_	Attention: Devon		Lab	WO#		,					2D	3D	Standard		SDWA
City, State, Zip. Hobbs, NM, 88240 Phone: 580-748-1613 Email: Lom@pilmeoil.com Report Que by: Time Date Sampled Matrix Containers Sample ID Number 1 11 12 13 13 13 105 11 11 11 14 14 14 19 105 11 17 17 17 17 17 17 17 17 1								Εć	200	070										
Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: Time Date Sampled Sampled Matrix Considers Sample ID Consideration Consideratio												Analy	sis an	Method	1					RCRA
Email: tom@pimaoil.com Prima Project # 1-281-3 Section Prim				VI. 0024	0													Size and the		
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9:30 19 9:35 Additional Instructions: BH 2 455 98 I. (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Relinquished by: (Signature) Date Additional Instructions: BH 2 455 98 Itime Received by: (Signature) Date Time Table	9:20				17		7141													
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Received by: (Signature)	Auc	ed by: (Signa	ture)	Date		Received by: (Signature)	Date 6-8-	23	Time,	82	ó			.,,,,,,,,	1	٠٠ ر		Т3		
						Received by: (Signature)	Date ,	13	Time	'α)	AVG	Temi	.4	1					
Sample Matrix: S - Soil, Sd - Soila, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	Sample Matr	ix: S - Soil, Sd	- Solid, Sg - 5	Sludge, A - A	queous, O - Other		Containe	Type	: g - g	glass, i	p - p	oly/pla	astic. a	g - ambe	er gla	ss, v -	VOA		or Section 1	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above	Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous sar samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is								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 Order ID:	E306070
Phone:	(575) 631-6977	Date Logged In:	06/08/23	15:32	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/12/23	17:00 (1 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	ourrer. <u>e</u>	- Courter	
	Il samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			,	Commen	ts/Resolution
	<u>urn Around Time (TAT)</u>				Duniant Diamond DW/II	22 1II has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PWU	
Sample C					separated into 5 reports	
	sample cooler received?		Yes		volume. Workorders ar	e as follow:
8. If yes,	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.Sample 14 CS	·
10. Were	custody/security seals present?		No		1500074.5ample 14 C	3 not received.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C	, <u> </u>	temperature. 1	<u>~</u>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?	i	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · · · · · · · · · · · · · · · · · ·	ers conceted.	103			
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	ı		
C	ollectors name?		Yes			
Sample P	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphas	se?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	· NA	
	struction			Subcontract Eur	. 1111	
Chent In	isti uction					

Date

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

Project Information

Chain of Custody

		11
Page _	of	U

Received by OCD: 11/26/2024 9:48:41 AM

Client: Pima Environmental Services Bill To													Lab Use Only TAT EPA							EDA D	
Project:	Diamo	nd Ph	11 27	1 H	Att	ention: Devon		Lab	WO#	AND RESIDENCE AND RESIDENCE		Job 1		ber	10	2D	3D		andard	CWA	SDWA
Project M					ASSESSACIO	dress:				070				7000	X		30	-	ariadi a	CUA	JUVA
Address:	5614 N.	Loving	ton Hw	y	City	y, State, Zip				7				nd Method	1				NEW TO		RCRA
City, State			M. 882	10	Ph	one:															
Phone: 5					Em	nail:		13	15											State	
Email: to	THE RESERVE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE	naoil.co	m		D:	Duiset 4 1-701-2		DRO/ORO by 8015	GRO/DRO by 8015	17	0		300.0		5				NM CO	UT AZ	TX
Report due by: Pima Project # 1-78/-3											826	601	e 30		NN	¥			X		
Time Date Sampled Sampled Matrix No. of Containers Sample ID										BTEX by 8021	VOC by 8260	Metals 6010	Chloride		верос	BGDOC	. 1			Remarks	
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8:05	1		1	7 0	S		2												tos	amp	2
8:10				3 C	5		3								1				nam	05 V	2er
8:15				4 c	S		4												0110	nf	
8:20				5 C			5								1				10/9	23 (M
8:75				6 C	5		U								1				C/ I		
8:30				7 c	5		7								1				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Michelle School	
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				enticity of this sample d may be grounds for		that tampering with or intentionally misla Sampled by:	belling the sampl	le locati	on,										on ice the day the subsequent day		ed or received
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					d unless oth	ner arrangements are made. Hazard	ous samples wil	I be re	turned	to clie	ent or	dispo	sed o	f at the clie	nt ex	pense.	Ther	eport	for the ana	ysis of the	above
samples is a	pplicable c	only to tho	se sample	s received by the la	boratory wi	ith this COC. The liability of the labor	atory is limited	to the	amoun	nt paid	foro	n the r	repor	t.							



Received by OCD: 11/26/2024 9:48:41 AM

Client: Pima Environmental Services Bill To											Lab Use Only TAT											
Project: Di	amon	JP	WU	7.7	14	A	ttention: Pevon		li sk	MOH	-	20000000	420000000000000000000000000000000000000	ily Numt		11	20		TAT	the same of the same of the same of		rogram
Project Man						339362040	ddress:		F	WO#	070				000			, ;	30	Standard	CWA	SDWA
Address: 56	14 N.	Lovir	ngtor	1 Hwy.		Ci	ty, State, Zip				VI				d Meth			_			-	RCRA
City, State, Z			NM.	88240)	P	hone:									T	T	T	T			Heira
Phone: 580						E	mail:		15	15											State	
Email: tom		naoil.	com			-	Pima Project # 1-281-3		ıy 80	y 80	11	0	-	0.0						NM CO	UT AZ	TX
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Sampled Sa	Date impled	Matri	ix	No. of Containers	Sample ID	4.14		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	ŧ	2000	PGDOC BEGDOC				Remarks	
8:50 6	18	5			1105			11)	4				1,11	
8:95 1				1	12CS			12														
9:00			-		1305	× - 1		13														
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9:15					16CS	3		16														30M
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9:25					18 CS	5		18								1		1				
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date or time of co	ollection i	s consid	dity and	d authent aud and i	icity of this sample. I may be grounds for le	am awar	e that tampering with or intentionally mislab a. <u>Sampled</u> by:	elling the sampl	e locatio	on,										ed on ice the day to on subsequent day		ed or received
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Sample Matrix: 5	nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples	are disca	arded 3	0 days	s after re	sults are reported	unless of	ther arrangements are made. Hazardon	s samples will	be ret	urned	to clie	ent or	dispo	sed of	at the cl	ient e	xpens	e. T	he repo	ort for the ana	ysis of the	above
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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

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Laboratory Administrator Office: 505-632-1881

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Cell: 505-320-4759

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Technical Representative

Rayny Hagan

Office: 505-421-LABS(5227)

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 16:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
41 CS	E306072-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
42 CS	E306072-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
43 CS	E306072-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
44 CS	E306072-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
45 CS	E306072-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
46 CS	E306072-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
47 CS	E306072-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
48 CS	E306072-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
49 CS	E306072-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
50 CS	E306072-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
51 CS	E306072-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
52 CS	E306072-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
53 CS	E306072-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
54 CS	E306072-14A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
55 CS	E306072-15A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
56 CS	E306072-16A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
57 CS	E306072-17A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
58 CS	E306072-18A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
59 CS	E306072-19A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
60 CS	E306072-20A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

41 CS E306072-01

		Reporting	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	1	06/08/23	06/09/23				
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/09/23				
Toluene	ND	0.0250	1	1	06/08/23	06/09/23				
o-Xylene	ND	0.0250	1	1	06/08/23	06/09/23				
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/09/23				
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23				
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/09/23				
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23				
Surrogate: Toluene-d8		92.9 %	70-130		06/08/23	06/09/23				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059			
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23				
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/09/23				
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/08/23	06/09/23				
Surrogate: Toluene-d8		92.9 %	70-130		06/08/23	06/09/23				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069			
Diesel Range Organics (C10-C28)	ND	25.0	1	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		59.4 %	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

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		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	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	l	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	-	Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	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		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		57.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
						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

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		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	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 - 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

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		20000.2 0.					
Analysis	D16	Reporting			D 1	A l	Nister
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.8 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	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		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		62.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
Chloride	ND	20.0	_	1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2323059
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.4 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.4 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		55.6 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2323064



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		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	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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		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		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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
Amons by ETA 500.0/7050A	2 2						



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		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		98.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		92.5 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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		81.2 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	RAS		Batch: 2323064
						06/09/23	·



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion Pro	epared	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		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	1	Analyst: IY			Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06.	/08/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06.	/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	06.	/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130	06.	/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		80.6 %	50-200	06.	/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	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

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		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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	A	analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		84.2 %	50-200	06/08/23	06/09/23	
A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2323064
Anions by EPA 300.0/9056A	mg ng					Battern: 252500.



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

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		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

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		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	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	99.8 %	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		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	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		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		70.0 %	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

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		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		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	А	Analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	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 - 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	·	71.8 %	50-200	06/08/23	06/09/23	
	ma/ka	mg/kg	Δ	Analyst: RAS		Batch: 2323064
Anions by EPA 300.0/9056A	mg/kg	ilig/kg		maryst: 10 is		Batch. 2323004



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

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2323059
Benzene	ND	0.0250	1	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	<u> </u>	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: I	Y		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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: I	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23	
Surrogate: n-Nonane		71.7 %	50-200		06/08/23	06/09/23	
	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2323064
Anions by EPA 300.0/9056A	mg/kg	mg/kg		1 11101) 501 1			Buten. 2323001



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

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		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	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
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

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		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		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	А	analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		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	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		80.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	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

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		74.8 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323064
Chloride	ND	20.0		1	06/08/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 4:13:48PM

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		Reporting				
Analyte	Result	Limit	Dilu	tion Prep	ared Analyzed	d 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	3
Ethylbenzene	ND	0.0250	1	06/0	8/23 06/09/23	3
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	3
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/0	8/23 06/09/23	3
Surrogate: Toluene-d8		104 %	70-130	06/0	8/23 06/09/23	3
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	3
Surrogate: Bromofluorobenzene		107 %	70-130	06/0	8/23 06/09/23	3
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/0	8/23 06/09/23	3
Surrogate: Toluene-d8		104 %	70-130	06/0	8/23 06/09/23	3
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	3
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	8/23 06/09/23	3
Surrogate: n-Nonane		65.2 %	50-200	06/0	8/23 06/09/23	3
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2323064
Chloride	ND	20.0	1	06/0	8/23 06/09/23	3



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

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		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		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	А	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	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		68.5 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	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

60 CS

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: IY		Batch: 2323059
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: IY		Batch: 2323059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: KM		Batch: 2323069
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2323064
Amons by ETA 500.0/7050A						



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

5.00

7.50

0.500

0.500

0.500

0.0500

0.0250

ND

ND

89.7

90.4

98.9

98.2

102

43-135

43-135

70-130

70-130

70-130

4.55

4.13

27

27



p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

4.49

6.78

0.495

0.491

0.508

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

	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: IY	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2323059-BLK1)							Prepared: 0	6/08/23 Anal	yzed: 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 Anal	yzed: 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)	ranics (C6-C10) 46.0 20.0 50.0 ND 91.9 70-130						
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	91.9	70-130	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130	
Surrogate: Toluene-d8	0.520		0.500		104	70-130	
Matrix Spike Dup (2323059-MSD2)				Source:	E306072-0	09	Prepared: 06/08/23 Analyzed: 06/09/23

Matrix Spike Dup (2323059-MSD2)	Source: E306072-09			Prepared: 06/08/23 Analyzed: 06/09/23				
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	15.2	20
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130		
Surrogate: Toluene-d8	0.524		0.500		105	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 4:13:48PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/12/2023 4:13:48PN	
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO	Analyst: KM			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2323069-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/09/23	
Diesel Range Organics (C10-C28)	ND	25.0								
il 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 A	nalyzed: 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 A	nalyzed: 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 A	nalyzed: 06/09/23	
Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	38-132	2.62	20		
urrogate: n-Nonane	36.4		50.0		72.8	50-200				



Pima Environmental Services-Carlsbac 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 4:13:48PM
		Anions	by EPA	300.0/9056	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323064-BLK1)	BLK1)						Prepared: (06/08/23 A	Analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323064-BS1)							Prepared: (06/08/23	Analyzed: 06/09/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2323064-MS1)				Source:	Source: E306072-01			06/08/23	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	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 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.



- 5	
Project	Information
-80	
Client:	Pima Envir

Chain of Custody

1		
Page 5	of of	10

Client: P	ima Env	ironmen	tal Servi	ces		Bill To			35 - 25	La	b Us	e On	lv			_	TA	T		EPA P	rogram
Project: Project N	Viamo	and YV	NO 27	71H	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	ntion: Devon		Lab	WO#		_	Job I	Num		1D	2D			dard	CWA	SDWA
			on Hwy.		Addr City	ess: State, Zip		E.	SUU	07:				nd Metho	IX.			-			RCRA
			M. 88240		Pho							Analy	/515 d	I Wetho	T	T	П				RCKA
Phone: 5	580-748-	-1613			Ema	il:		15	15											State	
Email: 1		naoil.co	n		Pim	a Project # 1-281-3		by 80	by 80	8021	00	0	0.00		N			N	м со	UT AZ	TX
Report d	Date		No. of	T 1	1	a 1 10,000 # 1 40 1 9	Lab	ORO	DRO	by 80	ıy 826	s 601	de 30			¥		K			
Sampled	Sampled	Matrix	Containers	Sample ID	•		Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		ВСООС	SGDOC				Remarks	
11:20	618	5	1	41 CS			1								X						
11:25			1	42 CS			2								1						
11:30				43 CS			3														
11:35				44 CS	•		4								1						
11:40				45 CS			5														-0
11:45				46 CS			6														
11:50				47 CS			7								1						
11:55				48 CS			8														
12:00m				49 CS		~	9									-					
12:05		1	1	50 CS			10								1					**************************************	
Addition					B	# 21145598															
date or time	of collection	is considere		icity of this sample. I a may be grounds for leg		at tampering with or intentionally mislabe Sampled by:	ling the sample	locatio	on,					ring thermal pat an avg temp							ed or received
Relinquishe	ne A	tame.	Date	18/23 Timbe	00	Received by: (Signature)	Date 6-80	23	Time	100		Rece	eivec	on ice:	1	ab U	se Onl	ly			
Relinquishe	llea (duile	Date	-8-2) [71	5	Received by: (Signature)	Date 6-8-		Time	83		T1			T2			ТЗ	1		
Relinguishe	d by: (Signa	MUSS	Date 6	-9-23 Ol	00	Received by: (Signature)	10/9/	23	Time	iac)	AVG	Ten	np°C	7						
Sample Matr	ix: S - Soil, Sc	l - Solid, Sg -	Sludge, A - A	queous, O - Other			Containe	г Туре	: g - g	glass,	p - po	oly/pl	astic	ag - amb	er gla	iss, v -	VOA			2011	
Note: Samp	les are disc	arded 30 d	ays after re	sults are reported u	nless other	arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispo	sed o	f at the clie	nt ex	pense.	The r	eport for	the anal	ysis of the	above
outilbies is a	ibburgois c	my to those	e samples ri	eceived by the labor	atory with	this COC. The liability of the laborato	ry is limited to	the a	moun	it paid	tor o	n the r	report								



Client: Pim Project: 1	na Envi	ronmen	tal Servi	ces	Bill To	Bill To Lab Use									TAT	TAT EPA Program			
Project: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Dans.	Tom By	76	LH	Attention: Devon Address:		Lab V	NO#	007	0	Job Number Q05\$-0007		-	2D	3D	Standard	CWA	SDWA	
Address: 5					City, State, Zip		ES	DQ.	UO I	4	Analy	sis and Metho	IX				8	RCRA	
City, State,	Zip Ho	bbs, NA			Phone:						Ariary	Sis and wicene	T					NCNA	
hone: 58					Email:		015	015									State		
mail: tor eport due		aon.cor	n ·		Pima Project # 1-281	-3	by 8	by 8	021	92	10	0.00	Z	×		NM CO	UT AZ	TX	
Time	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 1	BGDOC T		XI	Remark	s	
2:10 (18	5	1	51 CS		11			ш	_	4		X	m					
2:15			1	57 CS		12							\parallel						
2:20				53 CS		13							1						
2:25				54 cs		14							\dagger						
2:30				55 cs		15							1						
2:35				56 cs		16							\parallel						
2:40				57 CS		17							1					1	
2:45				58 cs	•	18													
2:50				59 cs		19							1						
12:53		1		60 05		20							1						
Additional	Instruct	ions:			B# 211455	98							4						
(field sampler)), attest to	the validity	and authenti	icity of this sample. I a	m aware that tampering with or intentionally misl	abelling the sampl	e location	n,				es requiring thermal						oled or receive	
elinquished b	y: (Signa	ture)	. Date		Received by: (Signature)	Date (e-8i	13	Time /4	108				لم	ab Us	e Only				
Relinquished by: (Signature) Date Time Received by: (Signature) Mullium Received by: (Signature) Mullium Received by: (Signature)				Date (2-8)		Time / /	03	2	T1	eived on ice:	72)/ N		To					
elinguished b	oy: (Signa	Aus	Date	Time	Received by: Signature)	Date 1/9/3	13	Time	00			Tomp °c	+			<u>T3</u>			
ample Matrix:	S - Soil, Sd	- Solid, Sg - S		queous, O - Other	any man	Containe	r Type:	-		_		Temp °C	er ala	cc v	VOA				



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.

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/09/23 06	5:00	Work Order	ID:	E306072
Phone:	(575) 631-6977	Date Logged In:	06/08/23 15	5:36	Logged In E	ву:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/09/23 17	7:00 (0 day TAT)		•	
						—	
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes		Com	men	ts/Resolution
Sample T	Turn Around Time (TAT)	on.		ı			
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond PV	ΝU	22 1H has been
Sample C	<u>Cooler</u>				separated into 5 rep	orts	due to high sample
7. Was a s	sample cooler received?		Yes		volume. Workorder	s ar	e as follow:
8. If yes,	was cooler received in good condition?		Yes		E306070, E306071,		
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		, , ,	כם	00072, E300073 &
10. Were	custody/security seals present?		No		E306074.		
	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling	re received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
Sample C			N.T.				
	queous VOC samples present?		No NA				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	trip blank (TB) included for VOC analyses?	0	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners conected?	Yes				
Field Lab		amatian.					
	field sample labels filled out with the minimum info ample ID?	ormation.	Yes				
	ate/Time Collected?		Yes	l			
C	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	ary?	No				
	subcontract laboratory specified by the client and i	•		Subcontract Lab	· ΝΔ		
		1 50 1110.	1471	Subcontract Lab	, IVA		
Client Ir	<u>astruction</u>						
						—	

Date

envirotech Inc.

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

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Diamond PWU 22 1H

Work Order: E306073

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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

Date Reported: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306073

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
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	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	Analyst: IY		Batch: 2323060
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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

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	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0500	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
	101 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
ND	20.0	1	06/08/23	06/09/23	
	90.9 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	An	Analyst: KM		Batch: 2323070
ND	25.0	1	06/08/23	06/09/23	
ND	50.0	1	06/08/23	06/09/23	
	68.3 %	50-200	06/08/23	06/09/23	
mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
ND	20.0	1	06/09/23	06/09/23	
	mg/kg 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 IOI % mg/kg mg/kg mg/kg ND 20.0 90.9 % mg/kg ND 25.0 ND 50.0 68.3 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 70-130 1 mg/kg mg/kg And ND 20.0 1 mg/kg mg/kg And ND 25.0 1 ND 50.0 1 68.3 % 50-200 mg/kg mg/kg And	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0500 1 06/08/23 ND 0.0250 1 06/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/23 mg/kg mg/kg Analyst: KM ND 25.0 1 06/08/23 ND 25.0 1 06/08/23 ND 50.0 1 06/08/23 ND 50.0 1 06/08/23 ND 50.0 1 06/08/23 Mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0500 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 Mg/kg mg/kg Analyst: IY ND 06/09/23 Mg/kg mg/kg Analyst: KM 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 50.0 1 06/08/23 06/09/23 Mg/kg mg/kg Analyst: RAS



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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		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		101 %	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		91.1 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.1 %	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

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		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	
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		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		101 %	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		91.6 %	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		91.8 %	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	
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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	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		90.3 %	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		94.1 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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		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	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		91.1 %	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	
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CSW1

		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		102 %	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		89.7 %	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		72.1 %	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	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

CSW2

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323060
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	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	
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CSW3

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2323060
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
ND	0.0500	1	06/08/23	06/09/23	
ND	0.0250	1	06/08/23	06/09/23	
	96.3 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2323060
ND	20.0	1	06/08/23	06/09/23	
	92.9 %	70-130	06/08/23	06/09/23	
mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2323070
ND	25.0	1	06/08/23	06/09/23	
ND	50.0	1	06/08/23	06/09/23	
	71.4 %	50-200	06/08/23	06/09/23	
mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2323065
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 96.3 % mg/kg MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 71.4 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ar ND 20.0 1 MB/kg mg/kg Ar ND 25.0 1 ND 50.0 1 71.4 % 50-200 mg/kg mg/kg Ar	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0500 1 06/08/23 ND 0.0250 1 06/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/23 mg/kg mg/kg Analyst: KM ND 25.0 1 06/08/23 ND 25.0 1 06/08/23 ND 50.0 1 06/08/23 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0500 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 ND 0.0250 1 06/08/23 06/09/23 MD 0.0250 1 06/08/23 06/09/23 Mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/23 06/09/23 Mg/kg mg/kg Analyst: KM ND 25.0 1 06/08/23 06/09/23 ND 25.0 1 06/08/23 06/09/23 ND 50.0 1 06/08/23 06/09/23 ND 50.0 1 06/08/23 06/09/23 ND 50.0



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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CSW4

		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		96.4 %	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		90.8 %	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		71.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2323065
	ND	20.0		06/09/23	06/09/23	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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CSW5

		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	
p-Xylene	ND	0.0250	1	06/08/23	06/09/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	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		91.9 %	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		76.9 %	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

CSW6

		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		97.7 %	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		91.0 %	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		77.6 %	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

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	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	
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	Ar	nalyst: 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	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		78.3 %	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

CSW9

		Damantina				
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		99.0 %	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		89.6 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2323070
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		66.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2323065
Chloride	ND	20.0	1	06/09/23	06/09/23	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:48:10PM

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	· · · · · · · · · · · · · · · · · · ·



Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2323060-MSD1)

8.08

4.65

4.55

4 79

4.80

9.40

14.2

8.03

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 3:48:10PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2323060-BLK1) Prepared: 06/08/23 Analyzed: 06/09/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.06 8.00 101 70-130 LCS (2323060-BS1) Prepared: 06/08/23 Analyzed: 06/09/23 5.05 5.00 101 70-130 Benzene 0.0250 Ethylbenzene 4.95 0.0250 5.00 99.0 70-130 5.20 0.0250 5.00 104 70-130 Toluene 5.21 104 o-Xylene 0.0250 5.00 70-130 10.2 10.0 102 70-130 0.0500 p.m-Xvlene 103 70-130 15.4 0.0250 15.0 Total Xylenes 8.00 100 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.03 Matrix Spike (2323060-MS1) Source: E306073-01 Prepared: 06/08/23 Analyzed: 06/09/23 5.21 0.0250 5.00 ND 54-133 Benzene ND 101 61-133 Ethylbenzene 5.06 0.0250 5.00 Toluene 5.35 0.0250 5.00 ND 107 61-130 5.35 5.00 ND 107 63-131 0.0250 o-Xylene p,m-Xylene 10.4 0.0500 10.0 ND 104 63-131 0.0250 15.0 ND 63-131

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

11.3

10.7

11.1

10.8

10.4

10.6

Source: E306073-01

93.0

91.0

95.8

96.0

94.0

94.6

100

ND

ND

ND

ND

ND

ND

envirotech Inc.

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

20

20

20

20

20

20

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 3:48:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6/1	2/2023 3:48:10PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2323060-BLK1)							Prepared: 0	5/08/23 Anal	yzed: 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 Anal	yzed: 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:	E306073-0	01	Prepared: 0	6/08/23 Anal	yzed: 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 Anal	yzed: 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			



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 3:48:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6	5/12/2023 3:48:10PM
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323070-BLK1)							Prepared: 0	6/08/23 An	alyzed: 06/09/23
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	32.2		50.0		64.4	50-200			
CS (2323070-BS1)							Prepared: 0	6/08/23 An	alyzed: 06/09/23
riesel Range Organics (C10-C28)	212	25.0	250		85.0	38-132			
urrogate: n-Nonane	30.5		50.0		61.0	50-200			
Matrix Spike (2323070-MS1)				Source:	E306073-	04	Prepared: 0	6/08/23 An	alyzed: 06/09/23
riesel Range Organics (C10-C28)	218	25.0	250	ND	87.2	38-132			
urrogate: n-Nonane	31.0		50.0		62.0	50-200			
Matrix Spike Dup (2323070-MSD1)				Source:	E306073-	04	Prepared: 0	6/08/23 An	alyzed: 06/09/23
tiesel Range Organics (C10-C28)	227	25.0	250	ND	90.7	38-132	3.94	20	
urrogate: n-Nonane	31.3		50.0		62.6	50-200			



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	I	Project Name: Project Number:	_	Diamond PWU 1058-0007	22 1H				Reported:
Plains TX, 79355-0247	Project Manager: Tom Bynum								6/12/2023 3:48:10PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323065-BLK1)							Prepared: 0	06/09/23 A	nalyzed: 06/12/23
Chloride	ND	20.0							
LCS (2323065-BS1)							Prepared: 0	06/09/23 A	nalyzed: 06/12/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2323065-MS1)				Source:	E306073-	01	Prepared: 0	06/09/23 A	nalyzed: 06/12/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2323065-MSD1)				Source:	E306073-)1	Prepared: 0	06/09/23 A	nalyzed: 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.



Project Information

Chain of Custody

7		10
Page /	of	10

Client: F	ima Env	ironmen	tal Serv	ices		D Bill To		57,676		Lal	b Us	e On	ly	Aller Street			TA	T	EPA P	rogram
Project:		iond Pr		21H	* V.	Attention: Devon		Lab	WO#	· .		Job 1	Numl	er _	1D 2D 3D		3D	Standard	CWA	SDWA
	Manager: 5614 N					Address:		Eć	500	2073				0007						
	e, Zip H					City, State, Zip Phone:		-				Analy	sis an	d Method		·				RCRA
	580-748		VI. 00241			Email:											1 1			
	tom@pir		n		100		,	8015	8015									NINAL CO	State	LTVI
Report d						Pima Project # [-281-3) by) by	3021	260	010	300.		ΣN	¥		NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		1 1911111	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос			Remarks	
1:00	618	5	1	61	CS		1			-			Ü		×					
1:65				62	CS		2													
1:10				63	CS		3													
1:15				64	CS		4													
1:20				65	CS		5													
1:15				66	CS		6													
1:30				67	C2		7													
1:35	1	1	上	68 0	25		8													
-				1							1		-	_						
																1				
Addition	al Instruc	tions:			B#	21145598														
date or time	of collection	is considered		ticity of this sam may be grounds		are that tampering with or intentionally mislation. Sampled by:	elling the sample	locatio	on,									ived on ice the day °C on subsequent da		ed or received
larin	ed by: (Signa	me	Date	18/23	200	Received by: (Signature)	Date (-8	13	Time / C	POU		Rece	ived	on ice:		ab U:	se Onl	y -		
Mile		uns	Date	823	Time 1715	Received by: (Signature)	Date		Time	33	フ	T1			T2	,		T3		
/	ed by: (Sign:	MUS	Date 6	-9-23	Clot	Received by: (Signature)	Date / 0/9/	1	Time	100		AVG	Tem	°c 2	1					
Sample Mat	rix: S - Soil, Sc	d - Solid, Sg -	Sludge, A - A	Aqueous, O - Oth	ier		Container	Type	: g - g	glass, p) - pc	ly/pla	astic.	ag - ambe	r gla	ss, v -	VOA			
Note: Sam	oles are disc	carded 30 da	ays after re	sults are repo	rted unless	other arrangements are made. Hazardo	us samples will	be ret	urned	to clier	nt or	dispos	sed of	at the clier	it exp	ense.	The re	port for the ana	lysis of the	above
samples is	applicable c	only to those	e samples i	received by the	alaborator	with this COC. The liability of the laborat	ory is limited to	the a	moun	t paid f	or or	the n	eport.					e works and and		



lient: P	ima	Envi	ronmer	ntal Servi	ices T	Bill To	-			la	h He	e On	lv.	2		TAT		EDA	Program
roject:	Di	am	ond .	tal Servi	H12	Attention: Devon	Lab W0# E30(4073					Job 1	Number	1D	1D 2D 3D Standard			CWA	Program SDWA
roject Naddress:				<u>ynum</u> ton Hwy.		Address: City, State, Zip	ddress:				O	Analy	sis and Meth	X					RCRA
hone: 5				M. 88240	0	Phone:	П						Ī			Agrican .		TICHA	
mail: t				m		Email:		8015	8015	-) A	o,				NM CO	State	TXI
eport de						Pima Project # 1-28 1-3	T	RO by	RO by	y 802:	/ 8260	6010	de 300	S	¥		X	OT AZ	
Time Sampled		ate npled	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			Remark	s
:40	6	18	5	1	C SWI		9							X					
:45					CSW	2	(0)							1					
:50					CSW	3	11											•	
:55					csw	4	12												
:00					CSW	S	13												
:05					CSW	CO CO	14							1					
2:10					CSW	7	15												
2:15		0.0			CSW		16												
:20					CSW	19	17												
2:25			(CSW	10	18							1					
ddition	al In	struc	tions:			8#2114659	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon							-			-		
					ticity of this sample. I a	m aware that tampering with or intentionally mislabel al action. Sampled by:	ling the sample	location	n,				s requiring thermal in ice at an avg ten						oled or receive
elinquishe	d by	: (Signa	iture)		/8/23 Time		Date Date	23	Time 14	00			eived on ice:	L	ab Use				
elinquishe	d by	: (Signa	ture)	Date		Received by: (Signature)	Date 6-8-	23	Time /8	3		T1		(<u>)</u> T2			T3		
elinquishe	d by	: (Signa	M/CC	Date 6		Received by: (Signature)	Date /0/9/	23	Time	0			Temp °C	+			***		
ample Matr				- Sludge, A - A	Aqueous, O - Other		Containe	r Type:	_				astic, ag - aml	or ala	cc v - V	/OA			



Printed: 6/9/2023 9:04:04AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

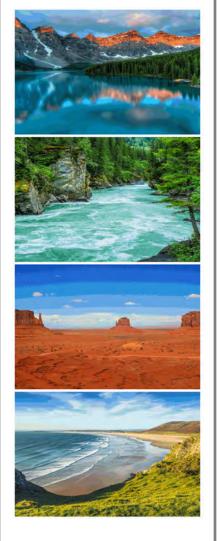
Instructions: Please take note of any NO checkmarks.

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 0	6:00	Work Orde	er ID:	E306073
Phone:	(575) 631-6977	Date Logged In:	06/08/23 1:	5:41	Logged In	By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/09/23 1	7:00 (0 day TAT)	60	•	
Chain of Chain	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mat	tch 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, 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>Co</u> 1	mmen	ts/Resolution
Sample To	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Diamond F		
Sample C	<u>ooler</u>				separated into 5 re	ports	s due to high sample
7. Was a s	ample cooler received?		Yes		volume. Workorde	rs ar	e as follow:
8. If yes, w	vas cooler received in good condition?		Yes		E306070, E30607	L E3	06072, E306073 &
9. Was the	sample(s) received intact, i.e., not broken?		Yes		E306074.	., 20	330,2,22330,235
10. Were	custody/security seals present?		No		E300074.		
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>				
Sample C	ontainer	_					
	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 contain		Yes				
Field Lab	•						
	— Tield sample labels filled out with the minimum info	ormation:					
Sa	imple ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		Yes				
	reservation_	10					
	he COC or field labels indicate the samples were pr	reserved?	No				
	mple(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved m	ietais?	No				
	se Sample Matrix	_					
	he 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				
Subcontra	act Laboratory						
28. Are sa	mples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA		
Client In	struction						

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

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Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

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ljarboe@envirotech-inc.com

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West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/12/23 15:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW11	E306074-01A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW12	E306074-02A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW13	E306074-03A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW14	E306074-04A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW15	E306074-05A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW16	E306074-06A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW17	E306074-07A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW18	E306074-08A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW19	E306074-09A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW20	E306074-10A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW21	E306074-11A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW22	E306074-12A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.
CSW23	E306074-13A	Soil	06/08/23	06/09/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:40:43PM

CSW11 E306074-01

		E500074-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
p-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		106 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2323061
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		106 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		91.9 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		73.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: 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

CSW12 E306074-02

		20007102				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		alyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/12/23	Batem 2020 001
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	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	Ī	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
-		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 3:40:43PM

CSW14

E306074-04

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323061
Benzene	ND	0.0250	1	06/0	08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/0	08/23	06/09/23	
Toluene	ND	0.0250	1	06/0	08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/0	08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/0	08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/0	08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/0	08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	06/0	08/23	06/09/23	
Surrogate: Toluene-d8		91.7 %	70-130	06/0	08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/0	08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	06/0	08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	06/0	08/23	06/09/23	
Surrogate: Toluene-d8		91.7 %	70-130	06/0	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	06/0	08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	08/23	06/09/23	
Surrogate: n-Nonane		85.1 %	50-200	06/0	08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323066
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 3:40:43PM

CSW15

E306074-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	1	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	1	Analyst: KM	1		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	1	Analyst: RA	S		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

CSW16

E3	06	07	4-	0	6
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		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		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	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
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

CSW17

E306074-07								
		Reporting						
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2323061	
Benzene	ND	0.0250	1	1	06/08/23	06/09/23		
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/09/23		
Toluene	ND	0.0250	1	1	06/08/23	06/09/23		
o-Xylene	ND	0.0250	1	1	06/08/23	06/09/23		
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/09/23		
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23		
Surrogate: Bromofluorobenzene		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		Analyst:	IY		Batch: 2323061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	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		Analyst:	KM		Batch: 2323071	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/09/23		
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/09/23		
Surrogate: n-Nonane		72.1 %	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

CSW18

E306074-08								
		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	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		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	l	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	1	06/08/23	06/09/23		
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/09/23		
Surrogate: n-Nonane		71.4 %	50-200		06/08/23	06/09/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	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

CSW19 E306074-09

		E000071 0>				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
,	mg/kg	mg/kg		alyst: IY	1 11101) 200	Batch: 2323061
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	06/08/23	06/09/23	Batch: 2323001
Benzene	ND ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND ND	0.0230	1	06/08/23	06/09/23	
p,m-Xylene	ND ND	0.0300	1	06/08/23	06/09/23	
Total Xylenes	ND					
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	An	alyst: 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	An	alyst: 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	An	alyst: 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

CSW20 E306074-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323061
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		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
		20.0			06/08/23	06/09/23	.,,



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

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	Diluti	on Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/2	23 06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/2	23 06/09/23	
Toluene	ND	0.0250	1	06/08/2	23 06/09/23	
o-Xylene	ND	0.0250	1	06/08/2	23 06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/2	23 06/09/23	
Total Xylenes	ND	0.0250	1	06/08/2	23 06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/2	23 06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	06/08/2	23 06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/2	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	06/08/2	23 06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/08/2	23 06/09/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	06/08/2	23 06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/2	23 06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/2	23 06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/2	23 06/09/23	

76.8 %

mg/kg

20.0

mg/kg

ND

50-200

06/08/23

06/08/23

Analyst: RAS

06/09/23

06/09/23

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

CSW22

E306074-12

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323061
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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	g/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	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		62.9 %	50-200	06/08/23	06/09/23	
	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2323066
Anions by EPA 300.0/9056A	mg/kg	gg				



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	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		108 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323061
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		108 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323071
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		67.4 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2323066
Chloride	ND	20.0		1	06/08/23	06/09/23	



QC Summary Data

Diamond PWU 22 1H Pima Environmental Services-Carlsbad Project Name: Reported: 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 Source RPD Reporting Spike 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 2.20 0.0250 2.50 87.9 70-130 2.25 2.50 89.9 70-130 0.0250 o-Xylene 88.6 4.43 5.00 70-130 p,m-Xylene 0.0500 6.68 0.0250 7.50 89.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.2 70-130 0.474 0.500 94.7 70-130 Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 0.500 70-130 0.509

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	
Matrix Spiles Dun (2222061 MSD1)				Common	F206074	02	Promonada 06/08/22 Analyzada 06/10/22

Matrix Spike Dup (2323061-MSD1)				Source:	Source: E306074-02			Prepared: 06/08/23 Analyzed: 06/10/23		
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				

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/12/20233:40:43PM

PO Box 247 Plains TX, 79355-0247		Project Number Project Manager		058-0007 m Bynum					6/12/2023 3:40:43PI
	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 (2323061-BLK1)							Prepared: 0	6/08/23	Analyzed: 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	Analyzed: 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	Analyzed: 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: 0	6/08/23	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			

0.500

0.500

0.500

100

105

70-130

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											
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 A	analyzed: 06/09/23		
tiesel Range Organics (C10-C28)	ND	25.0									
vil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	40.6		50.0		81.2	50-200					
.CS (2323071-BS1)							Prepared: 0	6/08/23 A	analyzed: 06/09/23		
riesel Range Organics (C10-C28)	280	25.0	250		112	38-132					
urrogate: n-Nonane	40.8		50.0		81.6	50-200					
Aatrix Spike (2323071-MS1)				Source:	E306074-0	03	Prepared: 0	6/08/23 A	analyzed: 06/09/23		
riesel 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 A	analyzed: 06/09/23		
tiesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	0.176	20			
urrogate: n-Nonane	41.2		50.0		82.3	50-200					



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	d	Project Name: Project Number:	0	Diamond PWU 1058-0007	22 1H				•	orted:
Plains TX, 79355-0247		Project Manager	: Т	om Bynum					6/12/2023	3:40:43PM
		Anions	by EPA	300.0/90 5 6 <i>E</i>	4			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 (2323066-BLK1)							Prepared: 0	06/08/23	Analyzed: (06/09/23
Chloride	ND	20.0								
LCS (2323066-BS1)							Prepared: 0	06/08/23	Analyzed: (06/12/23
Chloride	246	20.0	250		98.6	90-110				
Matrix Spike (2323066-MS1)				Source:	E306074-0)1	Prepared: 0	06/08/23	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	06/08/23	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.



4	nformatio	1			Cha	in of Custoc	ly											Page 9	of(
Client: P Project:	ima Envi	ronmen	tal Servic	ces TH	Attention: De Von		Lab	WO#			se On		er	1D	2D	TAT	Standard	EPA P	rogram
	Manager:				Address:		E3	WO#	07	4	0/0	580	er 2007	X			o turruur u	CVIA	JUIN
	5614 N. e, Zip Ho			-	City, State, Zip Phone:						Analy	sis an	d Metho	d T	_				RCRA
Phone:	580-748-	1613			Email:		15	15									S.7-4,-1	State	L
Email: 1 Report d	tom@pin	aoil.cor	n		Pima Project # 1-781	-3	by 80	by 80	171	90	0	0.00		N.			NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Table 1 Special Co. T. Co. T.	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC N	хт эоды		XI	Remarks	
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2:40				csu		3													
1:45				CSW	14	4													
2:50				CSW	15	5													
2:55				CSW	16	6													
3:00				CSW	17	7													
3:05				CSW	18	8													
3:10				CSW	19	9													
3:15	1	1		csw.	20	10								1					
Addition	al Instruct	ions:			B# 2114	55 98									_				
date or time	of collection i	s considered	fraud and m	ay be grounds for I		elling the sampl	e locati	on,									ved on ice the day to on subsequent da		ed or received
Mar	d by: (Signa	dame	Date	/8/23 Time	Received by: (Signature) Welle eluk	Date 6-80	13	Time	POL)	Rece	eived	on ice:	Y	ab Us	e Only			
Mid	d by: (Signa	ens	Date	8-23 Time	Received by: (Signature) MMW MUSS	Date	23	Time	82	20	T1			T2			Т3		
All	d by: (Signa	ture)* N	Date 6-	9-23 C	Received by: (Signature)	(0/9)	2	Time	α	7	AVG	Tem	°c e	+					
		- Solid, Sg - S	Sludge, A - Ac	queous, O - Other _	unless other arrangements are made. Hazardo	Containe	r Type	: g - g	glass,	p - po	oly/pl	astic,	ag - amb	er gla	ss, v -	VOA			



Proi	ect Inf	orma	ation
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nquished by: (Sign	ature)	Date		Time	Received by: (Signature)	Date 10/9/	23	Time	X	`	AVG	Tem	°c L	+							
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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.

Phone: (575) 631-6977 Date Logged In: 06/08/23 15:45 Logged In By: Caitlin Mars				, ,			
Canala of Castody (COC)	Client:	Pima Environmental Services-Carlsbad	Date Received:	06/09/23 06:00)	Work Order ID:	E306074
Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling side location match the COC yes 3. Were samples dropped of by believe for carrier? 4. Was the COC complete, i.e. signatures, dates/times, requested analyses? 5. Were all samples received within holding inne? 5. Were all samples received within holding inne? 6. Die the COC indicate standard TAT, or Expedited TAT? 7. Was a sample roof received in ince an or included in this discussion. Samule Tourn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. Yes 9. Was the sample (so received indicat, i.e., not broken? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received in set; 2T yes, the recorded temp is 4°C, i.e., 6°=2°C 13. If no visible is, excourd the temperature. Actual sample temperature: 4°C Sample Container 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6.8 mm (pas stord or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are anon-VOC samples collected in the correct containers? 19. Is the appropriative volume-weight or number of sample containers collected? 19. Is the appropriative volume-weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC of field labels indicate the samples were preserved? 22. Are samples for field labels indicate the samples were preserved? 23. Loes the COC of field labels indicate the samples were preserved? 24. Is lab filteration required and for requested for dissolved metals? 25. Does the COC specify which plasse(s) is to be analyzed? 26. Does the cample lave more than one phase, i.e., multiphase? 27. If yes, does the COC specify which plasse(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory 29. Was a subcontract laboratory specified	Phone:	(575) 631-6977	Date Logged In:	06/08/23 15:45	5	Logged In By:	Caitlin Mars
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples to repeat of laye lighted to recrired? 4. Was the COC complete, i.e., signatures, datestimes, requested analyses? 4. Was the COC complete, i.e., signatures, datestimes, requested analyses? 5. Were all samples received with holding time? 7. Was a sample collecter for which should be conducted in the field, i.e. 15 minume hold time. are not included in this discossion. Sample Turn Around Time (TAT) 6. Sample Colorer received? 7. Was a sample colorer received? 8. If yers, was cooler received? 9. Was the sample (a) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temps is 4°C, i.e., 6°-2°C Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling place collected in Act and sample temperature. 14. Are aqueous VOC samples collected in the correct containers? 15. Are VOC samples collected in the correct containers? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample IDT: Sample IDT: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are samples) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Are samples have more than one phase, i.e., multiphase? 26. Loes the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which plaase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so	Email:	tom@pimaoil.com	Due Date:	06/09/23 17:00	0 (0 day TAT)		
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4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Now Analysis, such as plt which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. Samule Furn Around Time (TXT) 6. Did the COC indicate standard TxT, or Expedited TxT? 8. If yes, was cooler received? 7. Was a sample cooler received? 9. Was the sample (society of inact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on its out required, if samples are received wit 15 minutes of sampling. 13. If no visible io, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples collected in VOA Vials? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip bank (T8) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers? 20. Were field sample labels filled out with the minimum information: Sample ID? Date Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample Matrix 22. Are samplely correctly preserved? No Multiphase Sample Matrix 23. Are samples operation of PWU 22 IH has been separated into 5 reports due to high sample volume. Workorders are as follow: E306070, E306071, E306072, E306073 & E306074. Project Diamond PWU 22 IH has been separated into 5 reports due to high sample volume. Workorders are as follow: E306070, E306071, E306072, E306073 & E306074. No 11. If yes, dore the temperature. Actual sample temperature: 4°C Sample Container 12. West file sample appearated into 5 reports due to high sample volume. Workorders are as follow: E306070, E306071, E306072, E306073, E306074. No No No No No No No Sample Time Collected? Yes Sample Area (Society the Collected) Ye					Corrior: C	Courier	
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Date

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Diamond PWU 22 1H

Work Order: E306071

Job Number: 01058-0007

Received: 6/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/12/23

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

Date Reported: 6/12/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Diamond PWU 22 1H

Workorder: E306071

Date Received: 6/9/2023 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2023 6:00:00AM, under the Project Name: Diamond PWU 22 1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum06/12/23 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

		Reporting					
Analyte	Result	Limit	Dilu	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	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	İ	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	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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	Α	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		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	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		76.3 %	50-200	06/08/23	06/09/23	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323063
Anions by EPA 300.0/9056A	g. 11g	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 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	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	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		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		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	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		96.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	-	Analyst: 5	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		96.1 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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		06/08/23	06/09/23	
Surrogate: n-Nonane		61.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2323063
Allous by EFA 500.0/9050A							



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	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2323058
Benzene	ND	0.0250	1		06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/09/23	
Toluene	ND	0.0250	1		06/08/23	06/09/23	
o-Xylene	ND	0.0250	1		06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	1	Analyst: SL			Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM	[Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/09/23	
Surrogate: n-Nonane		65.5 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2323063
	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 3:57:47PM

27 CS

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		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	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/09/23	
Surrogate: n-Nonane		63.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2323063
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

28 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		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
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

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	
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		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		68.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323063
Amons by ETA 500.0/7050A						



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

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250	1	l	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	[06/08/23	06/09/23	
Toluene	ND	0.0250	1	l	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	·	99.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	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		68.9 %	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	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/12/2023 3:57:47PM

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		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	·	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: 5	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: 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		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: 1	RAS		Batch: 2323063



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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2323058
Benzene	ND	0.0250		1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/09/23	
Toluene	ND	0.0250		1	06/08/23	06/09/23	
o-Xylene	ND	0.0250		1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		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:	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		99.5 %	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:	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		66.0 %	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	
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		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2323058
Benzene	ND	0.0250	1	06	/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06	/08/23	06/09/23	
Toluene	ND	0.0250	1	06	/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06	/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06	/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06	/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06	/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	06	/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06	/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06	/08/23	06/09/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06	/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	06	/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06	/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06	/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06	/08/23	06/09/23	
Surrogate: n-Nonane		69.3 %	50-200	06	7/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2323063



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 1H	
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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 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		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	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	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
Chloride	ND	20.0		1	06/09/23	06/09/23	

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		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2323058
Benzene	ND	0.0250	1	0	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	0	06/08/23	06/09/23	
Toluene	ND	0.0250	1	0	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	0	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	0	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	0	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		104 %	70-130	0	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	0	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	0	06/08/23	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	0	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		104 %	70-130	0	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	0	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	0	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	0	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	0	06/08/23	06/09/23	
Surrogate: n-Nonane		70.7 %	50-200	0	06/08/23	06/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS	<u> </u>		Batch: 2323063



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

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		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	
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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 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

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

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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	Α	Analyst: SL		Batch: 2323058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		105 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		64.1 %	50-200	06/08/23	06/09/23	
	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2323063
Anions by EPA 300.0/9056A	mg ng			,		Battern 2020000



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

40 CS

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2323058
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		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	А	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	Α	Analyst: KM		Batch: 2323068
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		66.2 %	50-200	06/08/23	06/09/23	
	mg/kg	mg/kg	А	Analyst: RAS		Batch: 2323063
Anions by EPA 300.0/9056A	mg/kg	mg/Kg				Batem: 202000



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 3:57:47PM

Volatile Organic Compounds by EPA 8260B Analyst: SL

Flams 1A, 79333-0247		Project Manage	r: 10	ин Бунині				0/12	2/2023 3.57.47FN
Volatile Organic Compounds by EPA 8260B Analys									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	5/08/23 Analy	zed: 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							
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: 1,2-Dictioroeinane-a4 Surrogate: Toluene-d8	0.497		0.500		102	70-130			
surrogate. 10tuene-uo	0.312		0.500		102	70-150			
LCS (2323058-BS1)							Prepared: 0	6/08/23 Analy	zed: 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			
Matrix Spike (2323058-MS1)				Source:	E306071-	08	Prepared: 0	6/08/23 Analy	zed: 06/09/23
Benzene	2.17	0.0250	2.50	ND	86.9	48-131			
Ethylbenzene	2.25	0.0250	2.50	ND	89.9	45-135			
Toluene	2.21	0.0250	2.50	ND	88.3	48-130			
o-Xylene	2.33	0.0250	2.50	ND	93.1	43-135			
p,m-Xylene	4.54	0.0500	5.00	ND	90.7	43-135			
Total Xylenes	6.86	0.0250	7.50	ND	91.5	43-135			
Surrogate: Bromofluorobenzene	0.509	0.0220	0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			
Matrix Spike Dup (2323058-MSD1)				Source:	E306071-	08	Prepared: 0	6/08/23 Analy	zed: 06/09/23
Benzene	2.23	0.0250	2.50	ND	89.1	48-131	2.45	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135	2.74	27	
Toluene	2.27	0.0250	2.50	ND	90.9	48-130	2.93	24	
o-Xylene	2.38	0.0250	2.50	ND	95.1	43-135	2.15	27	
p,m-Xylene	4.64	0.0500	5.00	ND	92.7	43-135	2.19	27	
Total Xylenes	7.02	0.0250	7.50	ND	93.5	43-135	2.18	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
			0.500		00.5	50.15			

0.500

70-130

0.493

Surrogate: Toluene-d8

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

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

70-130

70-130

70-130

70-130

2.46

Nonhalogenated	Organics h	v FPA	2015D _	CRO

47.7

0.529

0.467

0.516

Analyst:	SI.
Anaryst.	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 Analy	zed: 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 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike (2323058-MS2)				Source:	E306071-	08	Prepared: 0	6/08/23 Analy	zed: 06/09/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			
Matrix Spike Dup (2323058-MSD2)				Source:	E306071-	08	Prepared: 0	6/08/23 Analy	zed: 06/09/23

50.0

0.500

0.500

0.500

20.0

ND

95.4

106

93.3

103



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 3:57:47PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6/1	12/2023 3:57:47PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323068-BLK1)							Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	30.9		50.0		61.8	50-200			
LCS (2323068-BS1)							Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	31.8		50.0		63.7	50-200			
Matrix Spike (2323068-MS1)				Source:	E306071-	06	Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132			
Surrogate: n-Nonane	31.4		50.0		62.8	50-200			
Matrix Spike Dup (2323068-MSD1)				Source:	E306071-	06	Prepared: 0	6/08/23 Anal	yzed: 06/09/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	38-132	0.159	20	
Surrogate: n-Nonane	29.8		50.0		59.7	50-200			



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Diamond PWU 1058-0007 Com Bynum	22 1H				Reported: 6/12/2023 3:57:47PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	
Blank (2323063-BLK1)							Prepared:	06/09/23	Analyzed: 06/09/23
Chloride	ND	20.0							
LCS (2323063-BS1)							Prepared:	06/09/23	Analyzed: 06/09/23
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2323063-MS1)				Source:	E306071-)1	Prepared:	06/09/23	Analyzed: 06/09/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2323063-MSD1)				Source:	E306071-)1	Prepared:	06/09/23	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.



Project	Information
-)	

Chain of Custody

	-		
	7		IA
Page	1	of	W
Page		_ 01	

Client: Pima	Envi	ronmen	tal Servi	ces		n B	Bill To				La	b Us	e On	ly .		T		TA	T	1	EPA P	ogram
Project: VI				1 H_	Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of th	tention: Pe Voi	n		Lab	WO#			Job I			1D	2D	3D	Standar	d	CWA	SDWA
Project Man: Address: 56				_	the second second	dress:			£3	200	071	_	_		7	10						
City, State, Z						y, State, Zip							Analy	sis a	nd Metho	d						RCRA
Phone: 580			VI. 00240		1	none:							9		-				1			
Email: tom			n			nail:	0		015	015								1 1			State	
Report due b		iaon.coi			P	ima Project#	1-781-	-3	by 8	by 8	121	09	9	0.00		Σ×		1 1		00	UT AZ	TX
	Date		1	_			2 , (4.	-	ORO	ORO	37 8(y 82	9 60.	de 3			×		x			
Sampled Sar	mpled	Matrix	No. of Containers	Sample ID)			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			1	Remarks	
9:40 61	(8	5	1	21				1								X						
9:45			1	22				2														
9:50				23				3														
9:55				24				4														
10:00				25				5														
10:05				26				6														
10:10				27				7														
16:15				28				8								1						
10:20				29				9														
10:25		1		30				10								1						
Additional In	struct	ions:				B#211	45598	1														
l, (field sampler), a date or time of co						that tampering with or in Sampled		ng the sample	locatio	on,									ived on ice the C on subseque			d or received
Relinquished by	ne 1	Adam	Date (o	18/23	Ž00	Received by: (Signat		Date G-82	13	Time	100	,	Rece	ived	on ice:	L	ab Us	e Onl	ý			
Relinquished by	- 4	mx	Date	8.23	Time	Received by: (Signat	ture) 0.	Date 6-G-	-23	Time /	830		T1		on icc.	TZ	, "		Т3			3-
Relinquished by Aldrew		n OS	Date O	9-23	Time Glan	Received by: (Signat	na	6/9/2		imie	a		AVG	Tem	p°c 4	,	10.10					
Sample Matrix: S -					0	20-00		Container			_		-				SS. V -	VOA				
Note: Samples a	are disca	rded 30 da	ays after re	sults are rep	orted unless otl	ner arrangements are r	made. Hazardous s	amples will	be ret	urned	to clie	nt or	dispos	sed of	at the clie	nt exr	ense.	The re	port for the	analy	sis of the	bove
samples is appli	cable or	ly to those	samples r	eceived by th	ne laboratory w	ith this COC. The liabili	ty of the laboratory	is limited to	thea	moun	t paid f	for or	then	enort	7 4 4 7 7 7 7	-	1012					



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 cs		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?	1.4.000	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					

Date

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

Pro	ject	Infor	mation
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Chain of Custody

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City, State, Zip. Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoli.com Email: pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Project # \$1-78/-5 Pima Projec	Address:	561	4 N.	Lovin	gtor	Hwy.			c	ity, State, Zi	p				NU	01						K				NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,		DCDA
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Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above	Note: Sam	ples ar	e disc	arded 3) days	after re	sults are re	eported i	unless o	ther arrangem	ents are mad	de. Hazardous	samples will	be ret	urned	to clie	ent or	dispos	sed of	at the	client	expe	ense.	The re	eport	for the anal	vsis of the a	bove



Project Information

Chain of Custody

Page 4 of 10

Received by OCD: 11/26/2024 9:48:41 AM

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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

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Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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Envirotech Web Address: www.envirotech-inc.com



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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

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2324017
	ND	20.0		06/13/23	06/13/23	



		QC St	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ary Data					
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:		Diamond PWU 22 1H 01058-0007					Reported:	
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					6/14/2023 2:48:00PM
		Volatile Oı	ganics	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							
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	7.49		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			
Toluene	4.89	0.0250	5.00		97.9	70-130			
o-Xylene	4.86	0.0250	5.00		97.1	70-130			
p,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			
o-Xylene	4.72	0.0250	5.00	ND	94.4	63-131			
p,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	
V-1	9.81	0.0500	10.0	ND	98.1	63-131	4.87	20	
p,m-Xylene	7.01	0.0500	10.0	T LD	70.1	05 151	1.07	20	

8.00

7.51

93.9

70-130



Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Diamond PWU 22 1H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/14/2023 2:48:00PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/14/2023 2:48:00PM
	Noi	nhalogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2324016-BLK1)							Prepared: 0	6/13/23	Analyzed: 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	Analyzed: 06/13/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			
Matrix Spike (2324016-MS2)				Source:	E306095-	01	Prepared: 0	6/13/23	Analyzed: 06/13/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			
Matrix Spike Dup (2324016-MSD2)				Source:	E306095-	01	Prepared: 0	6/13/23	Analyzed: 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				(5/14/2023 2:48:00PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2324015-BLK1)							Prepared: 0	6/13/23 An	alyzed: 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 An	alyzed: 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 An	alyzed: 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 An	alyzed: 06/13/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	38-132	2.41	20	
Gurrogate: n-Nonane	34.3		50.0		68.6	50-200			

Chloride

QC Summary Data

Pima Environmental Services-Carlsbac	d	Project Name:		oiamond PWU	22 1H				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager		1058-0007 om Bynum					6/14/2023 2:48:00PM
		Anions	by EPA	300.0/9056	A				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (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

250

20.0

ND

99.9

80-120

0.587

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.



Project Information
Client: Pima Enviro
Client: Pima Environmente Project: Diamona
Project Manager: T
Address: 5614 N. L
City, State, Zip Hol
Phone: 580-748-1
Email: tom@pima

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	per	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. Address: City, State, Zip	_	ES	DIC	ML				10007	X					RCRA
Address: 5614 N. Lovington Hwy. City, State, Zip Phone:	-	-	_			Anaiy	sis an	d 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 Modern Modern	Date 6-12	-72	Time	730	2	T1			T2			<u>T3</u>		
Relinquished by: (Signature) Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date 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	07:30		Work Order ID:	E306095
Phone:	(575) 631-6977	Date Logged In:	06/12/23	16:41		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:		17:00 (0 day TAT)			
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 mate	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Co	ourier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	_			
5. Were al	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in					Comments	s/Resolution
C1- T	i.e, 15 minute hold time, are not included in this disucssion	on.		Г		<u>comment.</u>	7/XCSOIUTION
	COC in disease the Land TATE on Franchis de TATE		37				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			Vac				
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
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	<u>oel</u>						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
	reservation		No				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	escived:	NA				
	filteration required and/or requested for dissolved m	etals?	No				
	•	icais.	110				
	se Sample Matrix	9	2.7				
	the sample have more than one phase, i.e., multiphas		No				
	does the COC specify which phase(s) is to be analy	zeu?	NA				
	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	astruction_						

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

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Diamond PWU 22 #1H

Work Order: E410009

Job Number: 01058-0007

Received: 10/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/3/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/3/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Diamond PWU 22 #1H

Workorder: E410009

Date Received: 10/3/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2024 5:00:00AM, under the Project Name: Diamond PWU 22 #1H.

The analytical test results summarized in this report with the Project Name: Diamond PWU 22 #1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/03/24 15:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E410009-01A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW1-1'	E410009-02A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS2-6'	E410009-03A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW2-6'	E410009-04A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW3-6'	E410009-05A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS3-6'	E410009-06A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW4-6'	E410009-07A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW5-6'	E410009-08A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS4-10'	E410009-09A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW6-10'	E410009-10A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW7-10'	E410009-11A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW8-10'	E410009-12A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS5-9'	E410009-13A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW9-9'	E410009-14A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW10-9'	E410009-15A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW11-9'	E410009-16A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS6-1'	E410009-17A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS12-1'	E410009-18A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CS7-2'	E410009-19A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.
CW13-2'	E410009-20A	Soil	10/01/24	10/03/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CS1-1' E410009-01

		E410007-01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250	1	1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	27.6	25.0	1	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/02/24	10/03/24	
Surrogate: n-Nonane		108 %	50-200		10/02/24	10/03/24	
							5 1 2440001
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2440081



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CW1-1' E410009-02

		D110007 02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
		mg/kg		Analyst: BA	1 11141) 244	Batch: 2440077
Volatile Organic Compounds by EPA 8260B	mg/kg			10/02/24	10/03/24	Batch: 2440077
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	10/02/24	10/03/24	
Toluene	ND	0.0250	1	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		103 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		119 %	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

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	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		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	A	analyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130	10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130	10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		105 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2440081
11110115 8 1 231110 0010/5 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	10/3/2024 3:42:08PM

CW3-6' E410009-05

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2440077
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	10/02/24	10/03/24	Batch: 2440077
Benzene Ethylbenzene	ND 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		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		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		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: B	A		Batch: 2440077
Benzene	ND	0.0250	1		10/02/24	10/03/24	
Ethylbenzene	ND	0.0250	1	Į.	10/02/24	10/03/24	
Toluene	ND	0.0250	1	Į.	10/02/24	10/03/24	
o-Xylene	ND	0.0250	1	Į.	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500	1	Į.	10/02/24	10/03/24	
Total Xylenes	ND	0.0250	1	ļ	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: B	A		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	IV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0	1		10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ.	10/02/24	10/03/24	
Surrogate: n-Nonane		110 %	50-200		10/02/24	10/03/24	
A L. EDA 200 0/0056 A	mg/kg	mg/kg		Analyst: D	T		Batch: 2440081
Anions by EPA 300.0/9056A	8 8	0 0					



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CW4-6'

		E410009-07				
		Reporting				
Analyte	Result	Limit	Dilu	tion 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	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		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	: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		100 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		110 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2440081
Chloride	ND	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CS4-10' E410009-09

		E-10007-07				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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		97.3 %	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	A	nalyst: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	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 - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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		117 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: 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

CW6-10' E410009-10

		2.10007 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg	- Di	Analyst:		7 Hary Zea	Batch: 2440077
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	10/02/24	10/03/24	Batch. 2440077
Benzene	ND ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene				1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1			
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	



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

CW7-10' E410009-11

		E410009-11					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	ution	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.3 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.3 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane	·	112 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	ND	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CW8-10' E410009-12

		E410003-12					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Liinit	Dilu	HOH	r repared	Ananyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: E	BA		Batch: 2440077
Benzene	ND	0.0250	1	ļ	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	Į.	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		96.1 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: E	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	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		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		96.1 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2440064
Diesel Range Organics (C10-C28)	27.7	25.0	1		10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u>. </u>	10/02/24	10/03/24	
Surrogate: n-Nonane		111 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: J	M		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

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



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'

E410	000	9-1	4
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		Reporting					
Analyte	Result	Limit	Di	lution	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		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		94.9 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		94.9 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		114 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2440081

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	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	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		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: l	ВА		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: 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		98.4 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: J	JM		Batch: 2440081
Chloride	635	20.0	1		10/03/24	10/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CW11-9'

		E410009-16					
		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		105 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		95.7 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	59.5	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.9 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	250	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CS6-1'

E410009-17

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	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	1	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		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		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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		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		101 %	50-200		10/02/24	10/03/24	
		_			D. (D 1 2440001
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CS12-1' E410009-18

	2110007 10				
Result	Reporting Limit		ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A			Batch: 2440077
		1	10/02/24	10/03/24	
		1	10/02/24	10/03/24	
ND	0.0250	1	10/02/24	10/03/24	
ND	0.0250	1	10/02/24	10/03/24	
ND	0.0500	1	10/02/24	10/03/24	
ND	0.0250	1	10/02/24	10/03/24	
	97.5 %	70-130	10/02/24	10/03/24	
	102 %	70-130	10/02/24	10/03/24	
	95.7 %	70-130	10/02/24	10/03/24	
mg/kg	mg/kg	A	nalyst: BA		Batch: 2440077
ND	20.0	1	10/02/24	10/03/24	
	97.5 %	70-130	10/02/24	10/03/24	
	102 %	70-130	10/02/24	10/03/24	
	95.7 %	70-130	10/02/24	10/03/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2440064
25.2	25.0	1	10/02/24	10/03/24	_
ND	50.0	1	10/02/24	10/03/24	
	99.4 %	50-200	10/02/24	10/03/24	
mg/kg	mg/kg	A	nalyst: JM		Batch: 2440081
	mg/kg ND ND ND ND ND ND ND ND ND ND 25.2	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 97.5 % 102 % 95.7 % mg/kg ND 20.0 97.5 % 102 % 95.7 % mg/kg mg/kg mg/kg 25.2 % 25.0 ND 50.0	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 97.5 % 70-130 70-130 102 % 70-130 70-130 mg/kg mg/kg A ND 20.0 1 97.5 % 70-130 70-130 95.7 % 70-130 95.7 % mg/kg mg/kg A mg/kg mg/kg A ND 55.7 70-130 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/02/24 ND 0.0250 1 10/02/24 ND 0.0250 1 10/02/24 ND 0.0250 1 10/02/24 ND 0.0500 1 10/02/24 ND 0.0250 1 10/02/24 4 102 % 70-130 10/02/24 95.7 % 70-130 10/02/24 95.7 % 70-130 10/02/24 97.5 % 70-130 10/02/24 97.5 % 70-130 10/02/24 95.7 % 70-130 10/02/24 95.7 % 70-130 10/02/24 95.7 % 70-130 10/02/24 95.7 % 70-130 10/02/24 95.7 % 70-130 10/02/24 mg/kg mg/kg Analyst: NV 25.2 25.0 1 10/02/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/02/24 10/03/24 ND 0.0250 1 10/02/24 10/03/24 ND 0.0250 1 10/02/24 10/03/24 ND 0.0500 1 10/02/24 10/03/24 ND 0.0250 1 10/02/24 10/03/24 ND 0.0250 1 10/02/24 10/03/24 ND 0.0250 1 10/02/24 10/03/24 ND 70-130 10/02/24 10/03/24 95.7 % 70-130 10/02/24 10/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/02/24 10/03/24 10/2 % 70-130 10/02/24 10/03/24 10/2 % 70-130 10/02/24 10/03/24 10/2 % 70-130 10/02/24 10/03/24 mg/kg mg/kg </td



Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2024 3:42:08PM

CS7-2'

E410009-19

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		101 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2440081
Chloride	362	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

CW13-2'

		E410009-20					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Benzene	ND	0.0250		1	10/02/24	10/03/24	
Ethylbenzene	ND	0.0250		1	10/02/24	10/03/24	
Toluene	ND	0.0250		1	10/02/24	10/03/24	
o-Xylene	ND	0.0250		1	10/02/24	10/03/24	
p,m-Xylene	ND	0.0500		1	10/02/24	10/03/24	
Total Xylenes	ND	0.0250		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2440077
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/02/24	10/03/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130		10/02/24	10/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/02/24	10/03/24	
Surrogate: Toluene-d8		102 %	70-130		10/02/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2440064
Diesel Range Organics (C10-C28)	ND	25.0		1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/02/24	10/03/24	
Surrogate: n-Nonane		98.8 %	50-200		10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2440081
Chloride	465	20.0		1	10/03/24	10/03/24	



Pima Environmental Services-CarlsbadProject Name:Diamond PWU 22 #1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/3/2024 3:42:08PM

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	Volatile Organic Compounds by EPA 8260B 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 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 0.0250 105 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 Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control 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 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 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 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 1.500 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 70-130 104 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 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 70-130 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6	Ethylbenzene	2.38	0.0250	2.50		95.1	70-130			
Description of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property 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 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 70-130 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

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	EPA	.8015D -	GRO

Anal	

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

Blank (2440077-BLK1)						Prepared: 10	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			



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			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Diamond PWU	22 #1H				Re	ported:
Plains TX, 79355-0247		Project Number: Project Manager:		om Bynum					10/3/202	4 3:42:08PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analy	rst: 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:	10/03/24	Analyzed:	10/03/24
Chloride	ND	20.0								
LCS (2440081-BS1)							Prepared: 1	10/03/24	Analyzed:	10/03/24
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2440081-MS1)				Source:	E410009-0)4	Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2440081-MSD1)				Source:	E410009-0)4	Prepared:	10/03/24	Analyzed:	10/03/24
Chloride	256	20.0	250	ND	103	80-120	0.303	20		

QC Summary Report Comment:

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



Definitions and Notes

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	10/03/24 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.



of 2	Rec
am DWA	ceived by
CRA	OCD.
	11/26
	6/2024
	9:48:41

Client: E	ima Envi	ronmen	tal Servi	ices	Bill To				La	ab Us	e Onl	ly				TA	T	EPA Pi	ogram
	Diamon				Attention: Devon Energy		Lab	WO	†		Job N			1D	2D	3D	Standard	CWA	SDWA
	Manager:				Address:		E4	1100	009		010	58	-0007	X		1.3			
	5614 N.			.,	City, State, Zip						Analy	sis ar	nd Metho	d					RCRA
City, Sta	te, Zip Ho	bbs, NI	И. 8824	0	Phone:														
	806-782-				Email:		8015	8015										State	
Email:	tom@pin	naoil.com	n		Work Order/Billing #: 2114559	0	λ 8 λ)4 8(21	00	0	0.0		Σ			NM CO	UT AZ	TX
Report o	ue by:				Work Order/Billing #. 211455	O	8	80	y 80	826	601	le 30			¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	
4:03	10/1/24	S	1	CS1-1'		1								X					
9:17				CW1-1'		2								Ц					
9:21				CS2-6'		3				11									
9:36				CW2-6'		4													
D.45				CW3-6'		5								Ц					
Page 31				CS3-6'		6								Ш					
of 33				CW4-6'		٦								Ц					
3 24				CW5-6'		8								Ш					
10:36	,			CS4-10'		9								Ш					
10.56				CW6-10'		10							LANC						
Additio	nal Instruc	tions:	Pima Pr	oject #s 1-281-	2/1-281-3 nAB1721657722 & nAE	1914250	102												
				A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR	am aware that tampering with or intentionally mislabel			ion			Sample	es requ	iring thermal	preserv	ation m	ust be rec	ceived on ice the day	they are sampl	ed or received
The second second				I may be grounds for le		ing the samp	. 1000										6 °C on subsequent o		
	e of collection		Dat	re a Time	Requived by: (Signature)	Date		Time	r	>_				ı	ab U	se On	ly		
	ine A			0.2.241	130 HANN	10.2	.21	4 (1	50	Rece	eived	d on ice:	0	1/1	١			
	ned by: (Sign		Dat	1-224 15	Received by: (Signature)	Date (0-2-	24	Time			T1			T2			<u>T3</u>		
Relinquis	ned by: (Sign	ature)	Dat		Received by: (Signature)	Date 10-3-		Time			AVG	i Ter	np °C	4					
1	tulus C. Call C	d Calid c-	11-	Aqueous, O - Other	- Inchile I . Vac								, ag - amb	er gla	ass, v	- VOA			
Note: Sar	noles are dis	carded 30	days after	results are reported	unless other arrangements are made. Hazardous	samples wil	ll be re	eturne	d to c	lient c	or dispo	sed o	of at the cli	ent ex	pense	. The	report for the ar	alysis of the	above
samples i	s applicable	only to tho	se samples	received by the lab	oratory with this COC. The liability of the laborato	ry is limited	to the	amou	nt pai	d for d	on the	repor	t.						_

or on the report.

Contact of all the client expense. The report for the analysis of the above or on the report.

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Contact of the client expense. The report for the analysis of the above or on the report.

Client: Pima Environmental Services Project: Diamond PWU 22 #1H Attention: Devon Energy								La	ab Us	se Or	ıly				TA	AT	EPA F	EPA Program	
				Attention: Devon Energy			WO#			The second second	Numb		1D	2D	3D	Standa	rd CWA	SDWA	
roject Manager:	Tom By	num		Address:		EL	1100	SOC	1	OV	58-	0007	X						
ddress: 5614 N.	Lovingt	on Hw	y	City, State, Zip						Anal	ysis an	d Metho	d					RCRA	
ity, State, Zip Ho	obbs, NI	M, 882	40	Phone:								7							
hone: 806-782-	1151			Email:		8015	8015						1				State		
mail: tom@pin	naoil.coi	m		W	-00	by 80	y 80	11	0	_	300.0		5			NM	CO UT AZ	TX	
eport due by:				Work Order/Billing #: 211455	98	30 b	30 b	802	826	6010	e 30		S	¥		Х			
Time Date Sampled Sampled	Matrix	No. of Contains			Lab Number	DRO/ORO	GRO/DRO by	втех by	VOC by 8260	Metals 6010	Chloride		верос	верос			Remarks	;	
[:00 10/1/24	S	1	CW7-10'		1)								х						
1:17			CW8-10'		12														
1:28			CS5-9'		13														
1:36			CW9-9'		14														
			CW10-9'		15														
351			CW11-9'		16														
5%			CS6-1'		17								Ц						
0.09			CW12-1'		18														
2:20			CS7-2'		19								Ц						
2:21			CW13-2'		20														
dditional Instruc	tions:	Pima P	Project #s 1-281-	2/1-281-3 nAB1721657722 & nA	B1914250	102													
			enticity of this sample. Indicate may be grounds for leg	am aware that tampering with or intentionally mislab gal action. <u>Sampled by:</u>	elling the sample	e locati	on,									ceived on ice th 5 °C on subsequ	e day they are samp ent days.	led or receive	
elinguished by: (Signa Kerine H	ature)	D	0.2.29 Time	30 Received by: (Signature)	Date 10.2	24	Time	13	0	Rec	eived	on ice:		ab U	se On	ily			
elinguished by: (Signa	ature)	D	0,2.24 Time		Date 10 - 2 -	24	Time	io	6	T1			<u>T2</u>			<u></u>			
elinquished by: (Signa	ature)		ate Time 20.	Received by: (Signature)	Date 10 · 3 · .	24	Time 05	Oi)	AVO	Tem	p°C	1						
mple Matrix: S - Soil, Se					Containe		e: g - g	glass,	p - p										
oto, Camples are dis	carded 30 c	lays after	results are reported t	unless other arrangements are made. Hazardon oratory with this COC. The liability of the laborat	us samples will	be ret	turned	to cli	ent or	r disp	osed of	at the clie	nt exp	ense.	The	report for th	e analysis of the	e above	

Printed: 10/3/2024 8:29:51AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

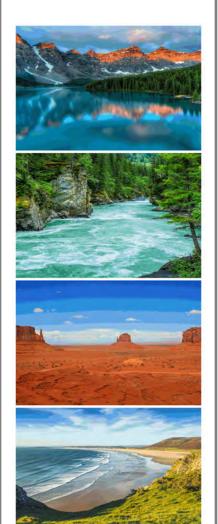
Instructions: Please take note of any NO checkmarks.

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

	no response concerning views from a result of the						
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/03/24 05	5:00		Work Order ID:	E410009
Phone:	(575) 631-6977	Date Logged In:	10/02/24 14	4:06		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/03/24 1	7:00 (0 day TAT)			
1. Does th	Custody (COC) the sample ID match the COC? the number of samples per sampling site location match.	ch the COC	Yes 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				
	Il 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			Comment	s/Resolution
	urn Around Time (TAT)				Sampled b	v not provide	d on COC per
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		1 -	y not provide	u on coc per
7. Was a s	Cooler_ ample cooler received?		Yes		client.		
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 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							
20. Were : Sa D	one field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	rmation:	Yes Yes No				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	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				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	so who?	NA	Subcontract Lab	o: NA		
Client In	struction						

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: 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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Diamond PWU 22 #1H	Donoutode
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/10/24 13:21

Client Sample ID	Lab Sample ID Matrix	Sampled Recei	ved Container
CW9-9'	E410089-01A Soil	10/08/24 10/10/	Glass Jar, 2 oz.
CS10-9'	E410089-02A Soil	10/08/24 10/10/	Glass Jar, 2 oz.
CW11-9'	E410089-03A Soil	10/08/24 10/10/	24 Glass Jar, 2 oz.



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

CW9-9'

E410089-01

		L+10007 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	yst: CG		Batch: 2441051
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/24	10/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2441067
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/24	10/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/24	10/10/24	
Surrogate: n-Nonane		82.5 %	50-200	10/10/24	10/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2441070
Chloride	ND	20.0	1	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

CS10-9'

E410089-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2441051
Benzene	ND	0.0250	1	10/10/24	10/10/24	
Ethylbenzene	ND	0.0250	1	10/10/24	10/10/24	
Toluene	ND	0.0250	1	10/10/24	10/10/24	
o-Xylene	ND	0.0250	1	10/10/24	10/10/24	
p,m-Xylene	ND	0.0500	1	10/10/24	10/10/24	
Total Xylenes	ND	0.0250	1	10/10/24	10/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	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		93.9 %	70-130	10/10/24	10/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2441067
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/24	10/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/24	10/10/24	
Surrogate: n-Nonane		75.1 %	50-200	10/10/24	10/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2441070
Chloride	ND	20.0	1	10/10/24	10/10/24	



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'

E410089-03									
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: CG		Batch: 2441051			
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/10/24	10/10/24				
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	10/10/24	10/10/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2441067			
Diesel Range Organics (C10-C28)	ND	25.0	1	10/10/24	10/10/24				
Oil Range Organics (C28-C36)	ND	50.0	1	10/10/24	10/10/24				
Surrogate: n-Nonane		61.4 %	50-200	10/10/24	10/10/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2441070			
Chloride	ND	20.0	1	10/10/24	10/10/24				



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

100

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 1:21:22P
	Nor	nhalogenated	Organics l	by EPA 80	15D - G	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2441051-BLK1)							Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	ND	20.0					•		<u>-</u>
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
LCS (2441051-BS2)							Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			
Matrix Spike (2441051-MS2)				Source:	E410084-	01	Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike Dup (2441051-MSD2)				Source:	E410084-	01	Prepared: 1	0/09/24 Anal	yzed: 10/09/24
Gasoline Range Organics (C6-C10)	37.6	20.0	50.0	ND	75.1	70-130	1.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

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	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 MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD mg/kg MD 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-Carlsba PO Box 247 Plains TX, 79355-0247	d	Project Name: Project Number Project Manager	: 0	Diamond PWU 1058-0007	22 #1H				Reported: 10/10/2024 1:21:22PM
Frams 1A, 79333-0247				om Bynum 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 Snike Dun (2441070-MSD1)				Source	E410062-	03	Prepared: 1	0/10/24 A ₁	nalvzed: 10/10/24

250

20.0

80-120

113

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.



Project Information

by OCD: 11/26/2024 9:48:41 AM



samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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 0	8:00		Work Order ID:	E410089
Phone:	(575) 631-6977	Date Logged In:	10/09/24 1	4:56		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/10/24 1	7:00 (0 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No	_	<u>_</u>		
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in	1 the field.	Yes				
	i.e, 15 minute hold time, are not included in this disucssion			ı		Comments	s/Resolution
	COC in disease and TAT on Franchised TATS		37		Sampled b	v not provide	d on COC per
	COC indicate standard TAT, or Expedited TAT?		Yes		_	y not provide	d on coc per
Sample C			**		client.		
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
	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°0	<u>C</u>				
	<u>Container</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				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	37				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes No				
	reservation		NO				
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	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				
		yzcu:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and in	f so who?	NA	Subcontract Lab	: NA		
Client Ir	<u>nstruction</u>						

Date



Appendix F

Previous Site Maps & Data Tables

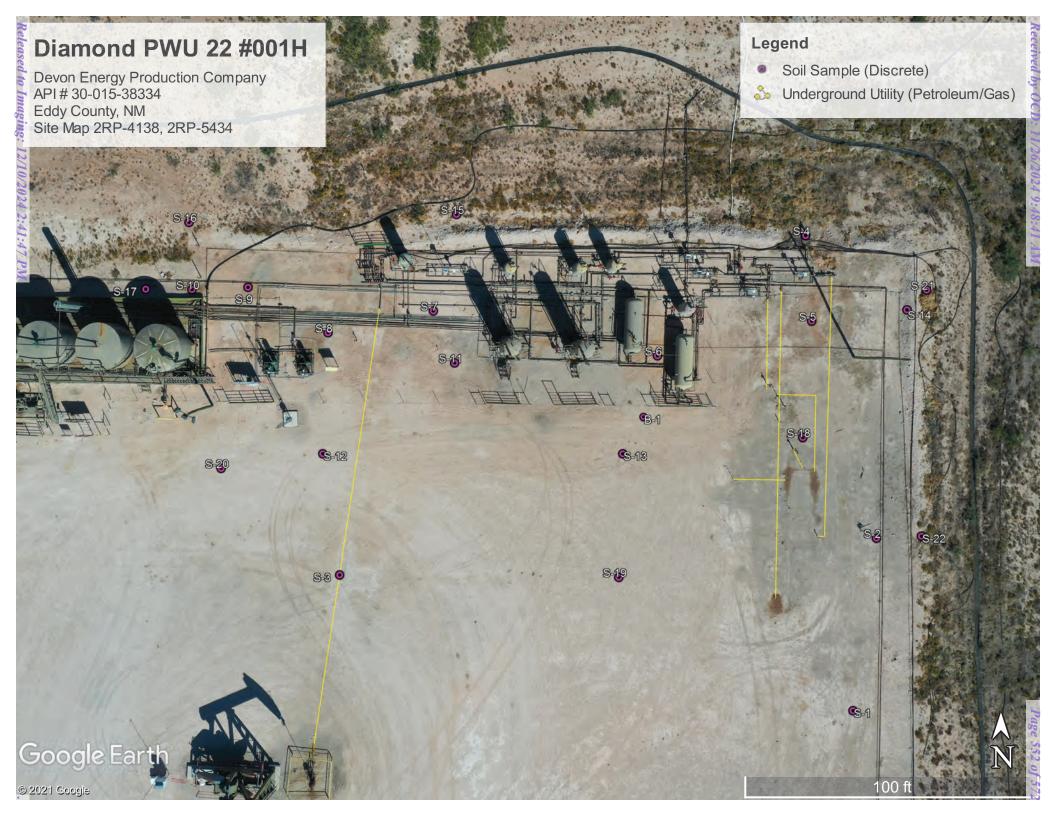


Table 1 : Soil Sample Analysis

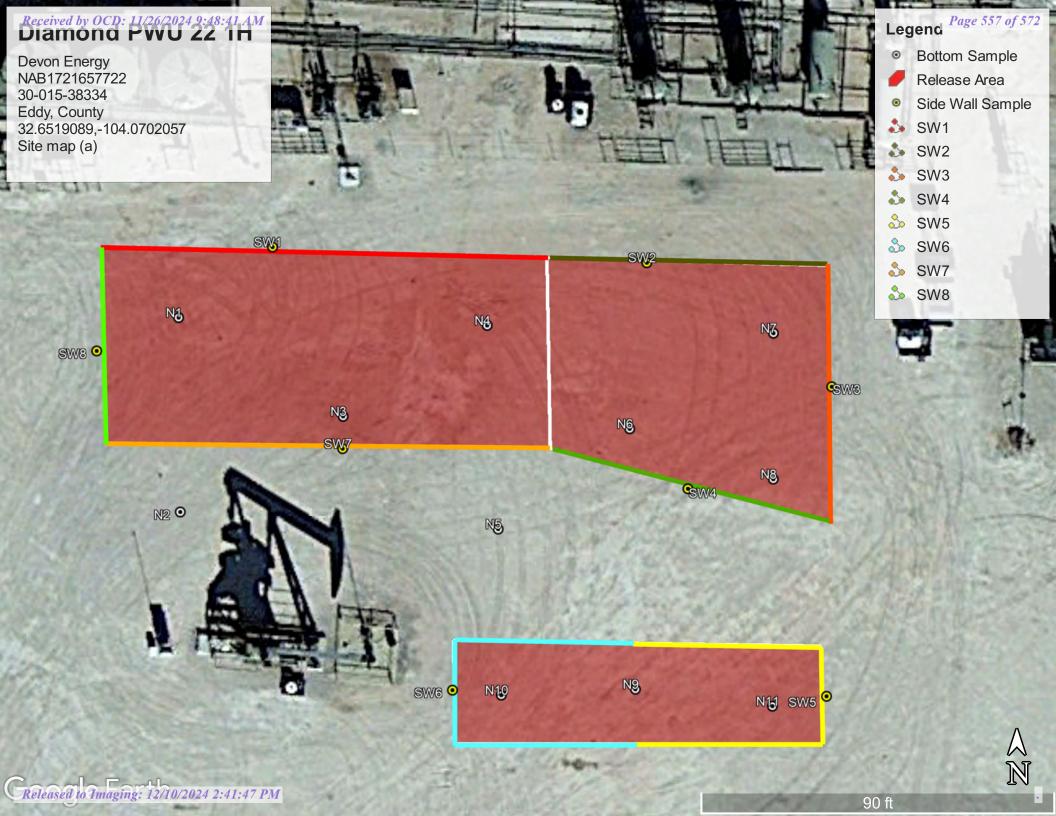
		10	able i . c	oui Saiii	ole Allai	ysis			
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-1	0-1	4/29/2020	ND	ND	ND	ND	ND	-	ND
	0-1	4/29/2020	ND	ND	ND	ND	ND	-	1000
6.2	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

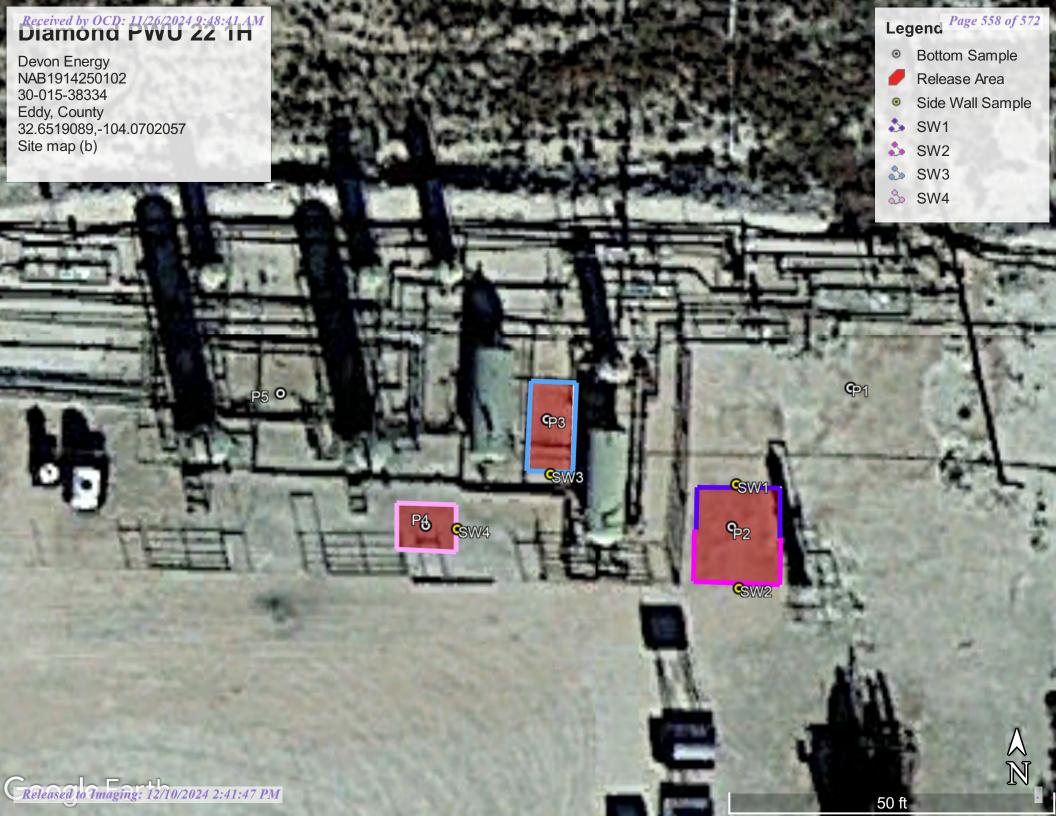
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg	Total TPH (mg/kg)	CI (mg/kg)
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	0-1	4/29/2020	ND	ND	ND	ND	ND	-	14000
	1-2	9/16/2020	NT	NT	NT	NT	NT	-	5100
	2-3	9/16/2020	NT	NT	NT	NT	NT	-	5200
	3-4	9/16/2020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



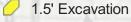


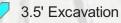
Received by OCD: 11/26/2024 9:48:41 AM Diamond PVVU 22 1H **Devon Energy** NAB1721657722 30-015-38334 Eddy, County 32.6519089,-104.0702057 Confirmation Sample Map (a) CSW2 CSW3 CSW4 **L**CSW5 9CS **2CS** SCS **94CS GCS 9**42CS **943CS 9**44CS **45CS 26CS C**SW₁ 9CS **G**SCS **GCS** 90CS 49CS **OSW**6 **946CS** 6CS **47CS** 91CS 9_{12CS} 93CS 9₄CS 95CS **9**708 **450CS %1CS** \$2CS **453CS** CSW12 17**G**S 9_{6CS} 18CS 0 **20CS** 99CS **54GS 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**32CS CSW15 41**G**S **9**40CS **9**37CS **G**8CS **G**9CS CSW16 CSW17

Legend

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- 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

N1		NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Nample ID										
Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample Nample N			Sample Da	te: 4/21/2023	NM A	Approved Labo	ratory Results			
N1	Sample ID	•						7.77	CI mg/kg	
N1		1'	ND	ND	ND	ND	ND	0	747	
A'	N1	3'	ND	ND	ND	ND	ND	0	101	
1'	INI	4'	ND	ND	ND	ND	ND	0	75.9	
No		5'	ND	ND	ND	ND	ND	0	ND	
No		1'	ND	ND	ND	ND	ND	0	481	
A	Na	3'	ND	ND	ND	ND	ND	0	135	
N3	IN Z	4'	ND	ND	ND	ND	ND	0	78.4	
N3		5'	ND	ND	ND	ND	ND	0	ND	
N3 4' ND ND ND ND ND ND 0 303 5' ND ND ND ND ND ND ND 0 ND ND 1' 0.025 ND ND ND ND ND ND 0 ND ND 0 ND 4' ND ND ND ND ND ND ND 0 ND ND ND ND 0 ND 5' ND ND ND ND ND ND ND ND 0 ND ND ND ND 0 ND 5' ND ND ND ND ND ND ND ND 0 ND ND ND ND 0 ND 1' ND ND ND ND ND ND ND ND ND 0 0 336 4' ND ND ND ND ND ND ND ND ND 0 0 25.4 4' ND ND ND ND ND ND ND ND ND 0 0 ND 5' ND ND ND ND ND ND ND ND ND ND ND ND ND		1'	ND	ND	ND	ND	ND	0	2350	
1	N/2	3'	ND	ND	ND	ND	ND	0	443	
1	N3	4'	ND	ND	ND	ND	ND	0	303	
N4		5'	ND	ND	ND	ND	ND	0	ND	
No		1'	0.025	ND	ND	2330	917	3247.025	14200	
A'		3'	ND	ND	ND	ND	ND	0	ND	
1	N4	4'	ND	ND	ND	ND	ND	0	ND	
N5 3' ND ND ND ND ND ND 0 25.4		5'	ND	ND	ND	ND	ND	0	ND	
N5		1'	ND	ND	ND	ND	ND	0	336	
1		3'	ND	ND	ND	ND	ND	0	25.4	
N-6	N5	4'	ND	ND	ND	ND	ND	0	ND	
N-6		5'	ND	ND	ND	ND	ND	0	ND	
N-6		1'	ND	ND	ND		ND	0	2790	
S' ND ND ND ND ND ND O ND		3'	ND	ND	ND	ND	ND	0	1180	
A'	N-6	4'	ND	ND	ND	ND	ND	0	173	
N-7 1' ND ND ND ND ND ND ND 0 2160 3' ND ND ND ND ND ND ND 0 1020 4' ND ND ND ND ND ND ND 0 120 1' ND ND ND ND ND ND ND ND 0 1340 3' ND ND ND ND ND ND ND 0 1300 4' ND ND ND ND ND ND ND 0 143 5' ND ND ND ND ND ND ND ND 0 ND N-9 1' ND ND ND ND ND ND ND ND ND ND ND ND ND		5'	ND	ND	ND	ND	ND	0	ND	
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A'		1'	ND	ND	ND	ND	ND	0	2160	
N-8 1' ND ND ND ND ND ND 0 1340 3' ND ND ND ND ND ND 0 1300 4' ND ND ND ND ND ND 0 143 5' ND ND ND ND ND ND ND 0 ND 1' ND ND ND ND ND ND 27.9 ND 27.9 ND 1' ND ND ND ND ND ND ND ND ND ND ND ND ND	N-7	3'	ND	ND	ND	ND	ND	0	1020	
N-8 3' ND ND ND ND ND 0 1300		4'	ND	ND	ND	ND	ND	0	120	
N-8 4' ND ND ND ND ND ND 0 143 5' ND ND ND ND ND ND ND 0 ND 1' ND ND ND ND ND 27.9 ND 27.9 ND 3' ND ND ND ND ND ND ND ND 0 ND 4' ND ND ND ND ND ND ND ND ND ND N-10 3' ND ND ND ND ND ND ND ND ND ND ND ND ND		1'	ND	ND	ND	ND	ND	0	1340	
N-8 4' ND ND ND ND ND ND 0 143 5' ND ND ND ND ND ND ND 0 ND 1' ND ND ND ND ND 27.9 ND 27.9 ND 3' ND ND ND ND ND ND ND ND 0 ND 4' ND ND ND ND ND ND ND ND ND ND N-10 3' ND ND ND ND ND ND ND ND ND ND ND ND ND		3'	ND					0	1300	
ND ND ND ND ND ND ND ND	N-8								143	
N-9		5'	ND					0		
N-9 3' ND ND ND ND ND 0 ND 4' ND ND ND ND ND ND 0 ND 1' ND ND ND 126 139 265 47.8 N-10 3' ND ND ND ND ND ND ND ND ND		1'								
4' ND ND ND ND ND ND 1' ND ND ND 126 139 265 47.8 N-10 3' ND ND ND ND ND ND ND	N-9	3'								
N-10 1' ND ND ND 126 139 265 47.8 ND-10 ND ND ND ND ND ND ND ND	ļ	4'	ND					0		
N-10 3' ND ND ND ND 0 ND		1'	ND						47.8	
	N-10									
4' 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	L Closure Criteria	19.15.29 NMAC	(Depth to Gro	undwater is <50')		
			DEVON ENE	RGY -DIAMOND	PWU 22 1H			
		Sample Dat	te: 4/21/2023	NM A	pproved Labor	atory 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	209
P1	3'	ND	ND	ND	ND	ND	0	34.9
PI	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
Р3	3'	ND	ND	ND	ND	ND	0	456
P3	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
DE	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	6-8-2023 Confirmation Soil Sample Results 15CSNMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
130	SIVIVIOCE		VON ENERG				water is \Ju	<u>') </u>	
	Sampl	e Date: 6/8				Laboratory R	esults		
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg	
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	0	ND ND	
CSW 9	0-3.5'	ND							
-	0-3.5		ND	ND	ND	ND	0	ND	
CSW 10		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 14	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	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 8 CS	1.5' 1.5'	ND ND	ND	ND	ND	ND	0	ND ND	
9 CS	1.5	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND	
10 CS	1.5'	ND ND	ND ND	ND ND	ND	ND ND	0	ND ND	
11 CS	1.5'	ND ND	ND	ND	ND	ND	0	ND	
12 CS	1.5'	ND	ND	ND	ND	ND	0	ND	
13 CS	1.5'	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				ND	ND	ND	0	ND
UT CJ	1.5'	ND	ND	ן ואט	שמו	שוו	0	שמו

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

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

QUESTIONS

Action 406604

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1914250102
Incident Name	NAB1914250102 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	05/08/2019
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Other Pipeline (Any) Produced Water Released: 22 BBL Recovered: 6 BBL Lost: 16 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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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 406604

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	OGRID: 6137 Action Number:
Oklahoma City, OK 73102	406604
	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)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	of all harvard that would requit 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
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

Phone: (505) 629-6116

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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 406604

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report der	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		igrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI 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 wi	Il the remediation commence	01/15/2025
On what date will (or did) th	ne final sampling or liner inspection occur	02/01/2025
On what date will (or was) t	the remediation complete(d)	02/01/2025
What is the estimated surfa	ce area (in square feet) that will be reclaimed	1415
What is the estimated volur	ne (in cubic yards) that will be reclaimed	268
What is the estimated surfa	ce area (in square feet) that will be remediated	1415
What is the estimated volur	ne (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.		

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

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

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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 406604

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	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.)	
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.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

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.

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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 406604

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	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

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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 406604

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	389842	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2024	
What was the (estimated) number of samples that were to be gathered	3	
What was the sampling surface area in square feet	420	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	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 406604

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	406604
	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 and in addition contamination found during re-assessment activities on 2S, 67CS and 68CS requires remediation to be completed per 19.15.29.12 and 19.15.29.13 NMAC.	12/10/2024