State of New Mexico
Oil Conservation Division

Incident ID	nPAC0612150881
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	< 50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nPAC0612150881
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Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 1/17/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 01/17/2023

State of New Mexico
Oil Conservation Division

Incident ID	nPAC0612150881
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[x] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

[x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 1/17/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 01/17/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 02/03/2023

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

January 4, 2023

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

Re: Site Assessment, Remediation, and Closure Report
Rio Blanco 4 Federal Com #003
API No. 30-025-36425
GPS: Latitude 32.3309593 Longitude -103.4718094
UL -- J, 4, T23S, R34E
Lea County, NM
NMOCD Ref. No. NPAC0612150881

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Rio Blanco 4 Federal Com #003 (Rio Blanco). The initial C-141 was submitted on April 18, 2006 (Appendix C). This incident was assigned Incident ID NPAC0612150881 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Rio Blanco is located approximately twenty (20) miles southwest of Eunice, NM. This spill site is in Unit J, Section 4, Township 23S, Range 34E, Latitude 32.3309593 Longitude -103.4718094, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Rio Blanco (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 285 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 135 feet BGS. The closest waterway is a Salt Playa located approximately 3.56 miles to the southeast of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

Release Information

NPAC0612150881: On April 13, 2006, a 3" ploy line pipe, separated from fused connection causing fluid release onto pad. Devon had a vacuum truck remove the standing fluid. The released fluids were calculated to be approximately 50 barrels (bbls) of produced water. Vacuum trucks were able to recover approximately 40 bbls of produced water.

Remediation Activities, Site Assessment, and Soil Sampling Results

On September 22, 2022, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the areas to a depth of 2',4',5' BGS. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On October 6, 2022, Pima mobilized personnel to the site to begin collecting soil samples from the excavated areas. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

10-6-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -RIO BLANCO 4 FED COM 3								
Sample Date: 10/6/22		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	30.3	ND	30.3	590
S-3	1'	ND	ND	ND	648	270	918	661
	4'	ND	ND	ND	65.6	ND	65.6	494
S-4	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	21.7
SW 1	6"	ND	ND	ND	ND	ND	0	38.1
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
BG 1	6"	ND	ND	ND	ND	ND	0	ND
BG 2	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On October 15, 2022, after sending a 48-hour notification (Appendix C), Pima began collecting confirmation samples of the affected areas. The laboratory results of this sampling event can be found in the data table on pages 4-11 of this report. A Confirmation Sample Map can be found in Figure 5.

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NPAC0612150881 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Confirmation Sample Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141 Form and 48 Hour Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -RIO BLANCO 4 FED COM 3								
Sample Date: 10/15/22		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS 1	4'	ND	ND	ND	ND	ND	0	ND
CS 2	4'	ND	ND	ND	ND	ND	0	ND
CS 3	4'	ND	ND	ND	ND	ND	0	ND
CS 4	4'	ND	ND	ND	ND	ND	0	ND
CS 5	4'	ND	ND	ND	ND	ND	0	ND
CS 6	4'	ND	ND	ND	ND	ND	0	ND
CS 7	4'	ND	ND	ND	ND	ND	0	ND
CS 8	4'	ND	ND	ND	ND	ND	0	ND
CS 9	4'	ND	ND	ND	ND	ND	0	ND
CS 10	4'	ND	ND	ND	ND	ND	0	ND
CS 11	4'	ND	ND	ND	ND	ND	0	ND
CS 12	4'	ND	ND	ND	ND	ND	0	ND
CS 13	4'	ND	ND	ND	ND	ND	0	ND
CS 14	4'	ND	ND	ND	ND	ND	0	ND
CS 15	4'	ND	ND	ND	ND	ND	0	ND
CS 16	4'	ND	ND	ND	ND	ND	0	26.9
CS 17	4'	ND	ND	ND	ND	ND	0	ND
CS 18	4'	ND	ND	ND	ND	ND	0	ND
CS 19	4'	ND	ND	ND	ND	ND	0	24.3
CS 20	4'	ND	ND	ND	ND	ND	0	ND
CS 21	4'	ND	ND	ND	ND	ND	0	ND
CS 22	4'	ND	ND	ND	ND	ND	0	ND
CS 23	4'	ND	ND	ND	ND	ND	0	ND
CS 24	4'	ND	ND	ND	ND	ND	0	ND
CS 25	4'	ND	ND	ND	ND	ND	0	ND
CS 26	4'	ND	ND	ND	ND	ND	0	ND
CS 27	4'	ND	ND	ND	ND	ND	0	ND
CS 28	4'	ND	ND	ND	ND	ND	0	ND
CS 29	4'	ND	ND	ND	ND	ND	0	ND
CS 30	4'	ND	ND	ND	ND	ND	0	ND
CS 31	4'	ND	ND	ND	ND	ND	0	ND
CS 32	4'	ND	ND	ND	ND	ND	0	ND
CS 33	4'	ND	ND	ND	ND	ND	0	ND
CS 34	4'	ND	ND	ND	ND	ND	0	ND
CS 35	4'	ND	ND	ND	ND	ND	0	ND
CS 36	4'	ND	ND	ND	ND	ND	0	ND
CS 37	4'	ND	ND	ND	ND	ND	0	ND
CS 38	4'	ND	ND	ND	ND	ND	0	ND
CS 39	4'	ND	ND	ND	ND	ND	0	ND
CS 40	5'	ND	ND	ND	ND	ND	0	ND
CS 41	5'	ND	ND	ND	ND	ND	0	ND
CS 42	5'	ND	ND	ND	ND	ND	0	ND

CS 43	5'	ND	ND	ND	ND	ND	0	ND
CS 44	5'	ND	ND	ND	ND	ND	0	ND
CS 45	5'	ND	ND	ND	ND	ND	0	ND
CS 46	5'	ND	ND	ND	ND	ND	0	ND
CS 47	5'	ND	ND	ND	ND	ND	0	ND
CS 48	5'	ND	ND	ND	ND	ND	0	ND
CS 49	5'	ND	ND	ND	ND	ND	0	ND
CS 50	5'	ND	ND	ND	ND	ND	0	ND
CS 51	5'	ND	ND	ND	ND	ND	0	ND
CS 52	5'	ND	ND	ND	ND	ND	0	ND
CS 53	5'	ND	ND	ND	ND	ND	0	ND
CS 54	5'	ND	ND	ND	ND	ND	0	ND
CS 55	5'	ND	ND	ND	ND	ND	0	ND
CS 56	5'	ND	ND	ND	ND	ND	0	ND
CS 57	4'	ND	ND	ND	ND	ND	0	ND
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CS 59	4'	ND	ND	ND	ND	ND	0	ND
CS 60	4'	ND	ND	ND	ND	ND	0	ND
CS 61	4'	ND	ND	ND	ND	ND	0	ND
CS 62	4'	ND	ND	ND	ND	ND	0	ND
CS 63	4'	ND	ND	ND	ND	ND	0	ND
CS 64	4'	ND	ND	ND	ND	ND	0	ND
CS 65	4'	ND	ND	ND	ND	ND	0	ND
CS 66	4'	ND	ND	ND	ND	ND	0	ND
CS 67	4'	ND	ND	ND	ND	ND	0	ND
CS 68	4'	ND	ND	ND	ND	ND	0	ND
CS 69	4'	ND	ND	ND	ND	ND	0	ND
CS 70	4'	ND	ND	ND	ND	ND	0	46.7
CS 71	4'	ND	ND	ND	ND	ND	0	34.6
CS 72	4'	ND	ND	ND	ND	ND	0	29.7
CS 73	4'	ND	ND	ND	ND	ND	0	22.3
CS 74	4'	ND	ND	ND	ND	ND	0	ND
CS 75	4'	ND	ND	ND	ND	ND	0	20.3
CS 76	4'	ND	ND	ND	ND	ND	0	20.5
CS 77	4'	ND	ND	ND	ND	ND	0	28.1
CS 78	4'	ND	ND	ND	ND	ND	0	30.7
CS 79	4'	ND	ND	ND	ND	ND	0	24.5
CS 80	4'	ND	ND	ND	ND	ND	0	28.6
CS 81	4'	ND	ND	ND	ND	ND	0	ND
CS 82	4'	ND	ND	ND	ND	ND	0	32.9
CS 83	4'	ND	ND	ND	ND	ND	0	23.7
CS 84	4'	ND	ND	ND	ND	ND	0	23.4
CS 85	4'	ND	ND	ND	ND	ND	0	ND
CS 86	4'	ND	ND	ND	ND	ND	0	35.8
CS 87	4'	ND	ND	ND	ND	ND	0	42.7
CS 88	4'	ND	ND	ND	ND	ND	0	22.3
CS 89	4'	ND	ND	ND	ND	ND	0	ND

CS 90	4'	ND	ND	ND	ND	ND	0	48.4
CS 91	4'	ND	ND	ND	ND	ND	0	ND
CS 92	4'	ND	ND	ND	ND	ND	0	23.2
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CS 190	4'	ND	ND	ND	ND	ND	0	ND
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CS 192	4'	ND	ND	ND	ND	ND	0	ND
CS 193	4'	ND	ND	ND	ND	ND	0	ND
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CS 195	4'	ND	ND	ND	ND	ND	0	ND
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CS 201	4'	ND	ND	ND	ND	ND	0	ND
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CS 203	4'	ND	ND	ND	ND	ND	0	ND
CS 204	4'	ND	ND	ND	ND	ND	0	ND
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CS 207	4'	ND	ND	ND	ND	ND	0	ND
CS 208	4'	ND	ND	ND	ND	ND	0	ND
CS 209	2'	ND	ND	ND	ND	ND	0	ND
CS 210	2'	ND	ND	ND	ND	ND	0	ND
CS 211	2'	ND	ND	ND	ND	ND	0	ND
CS 212	2'	ND	ND	ND	ND	ND	0	ND
CS 213	2'	ND	ND	ND	ND	ND	0	ND
CS 214	2'	ND	ND	ND	ND	ND	0	ND
CS 215	2'	ND	ND	ND	ND	ND	0	ND
CS 216	2'	ND	ND	ND	ND	ND	0	ND
CS 217	2'	ND	ND	ND	ND	ND	0	ND
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CS 242	2'	ND	ND	ND	ND	ND	0	ND
CS 243	2'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND
BG2	1'	ND	ND	ND	ND	ND	0	ND
BG3	1'	ND	ND	ND	ND	ND	0	ND
BG4	1'	ND	ND	ND	ND	ND	0	ND
BG5	1'	ND	ND	ND	ND	ND	0	ND
CSW 1	4'	ND	ND	ND	ND	ND	0	ND
CSW 2	4'	ND	ND	ND	ND	ND	0	23.8
CSW 3	4'	ND	ND	ND	ND	ND	0	20.4
CSW 4	4'	ND	ND	ND	ND	ND	0	27.9
CSW 5	4'	ND	ND	ND	ND	ND	0	ND
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Released to Imaging: 2/3/2023 11:49:39 AM

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Pima Environmental Services

Figures:

1 - Location Map

2 - Topographic Map

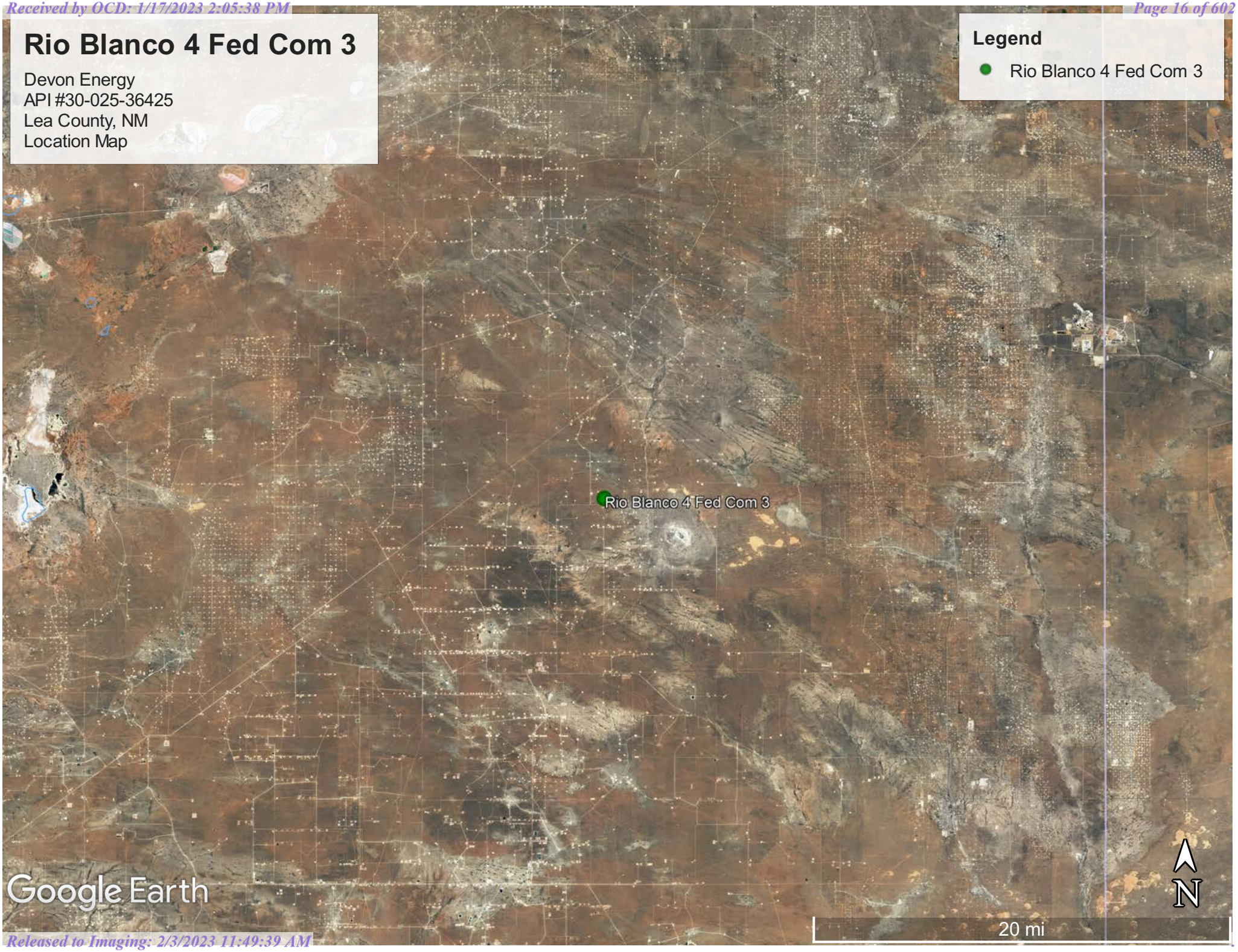
3 - Karst Map

4 - Site Map

5 - Confirmation Sample Map

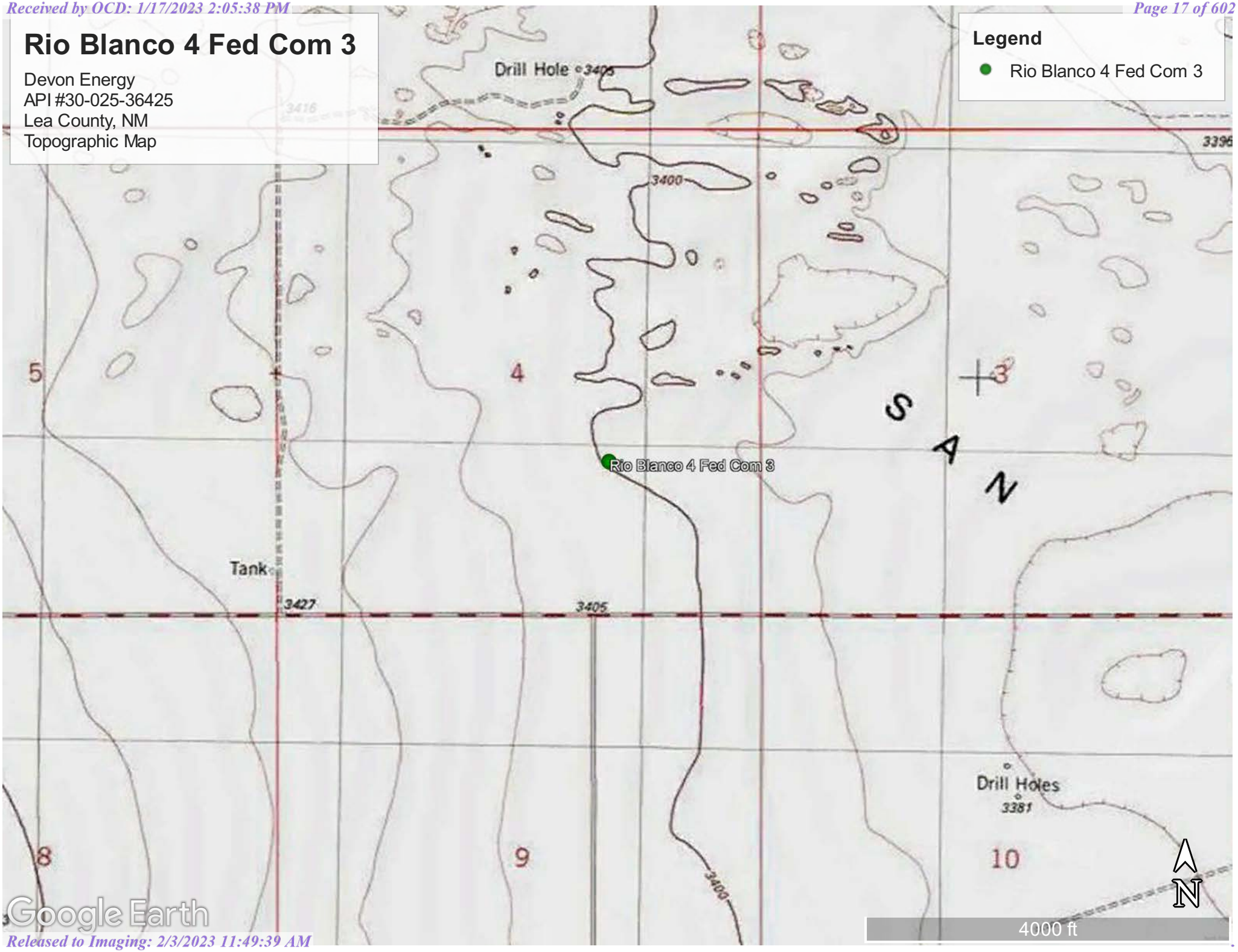
Rio Blanco 4 Fed Com 3

Devon Energy
API #30-025-36425
Lea County, NM
Location Map



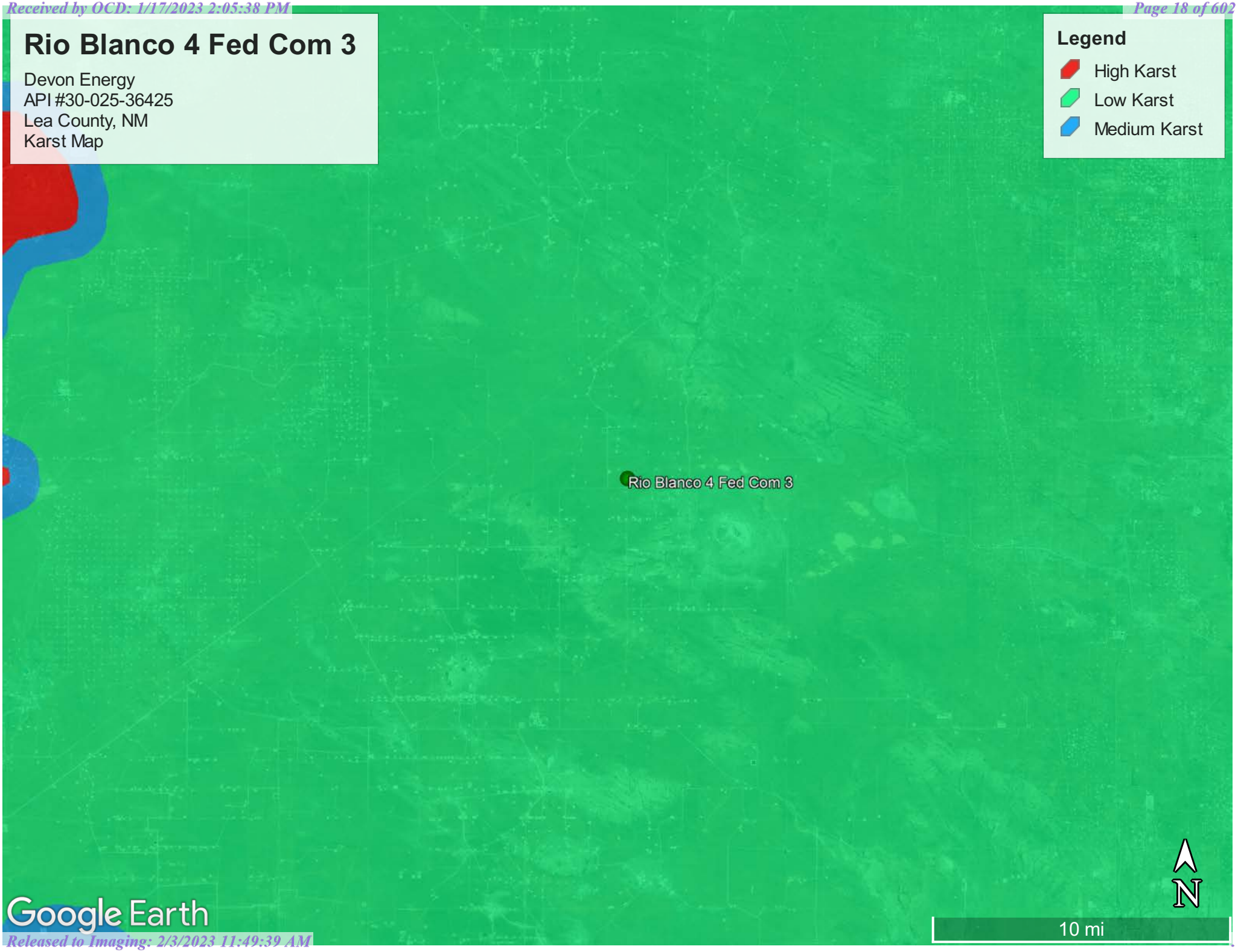
Rio Blanco 4 Fed Com 3

Devon Energy
API #30-025-36425
Lea County, NM
Topographic Map



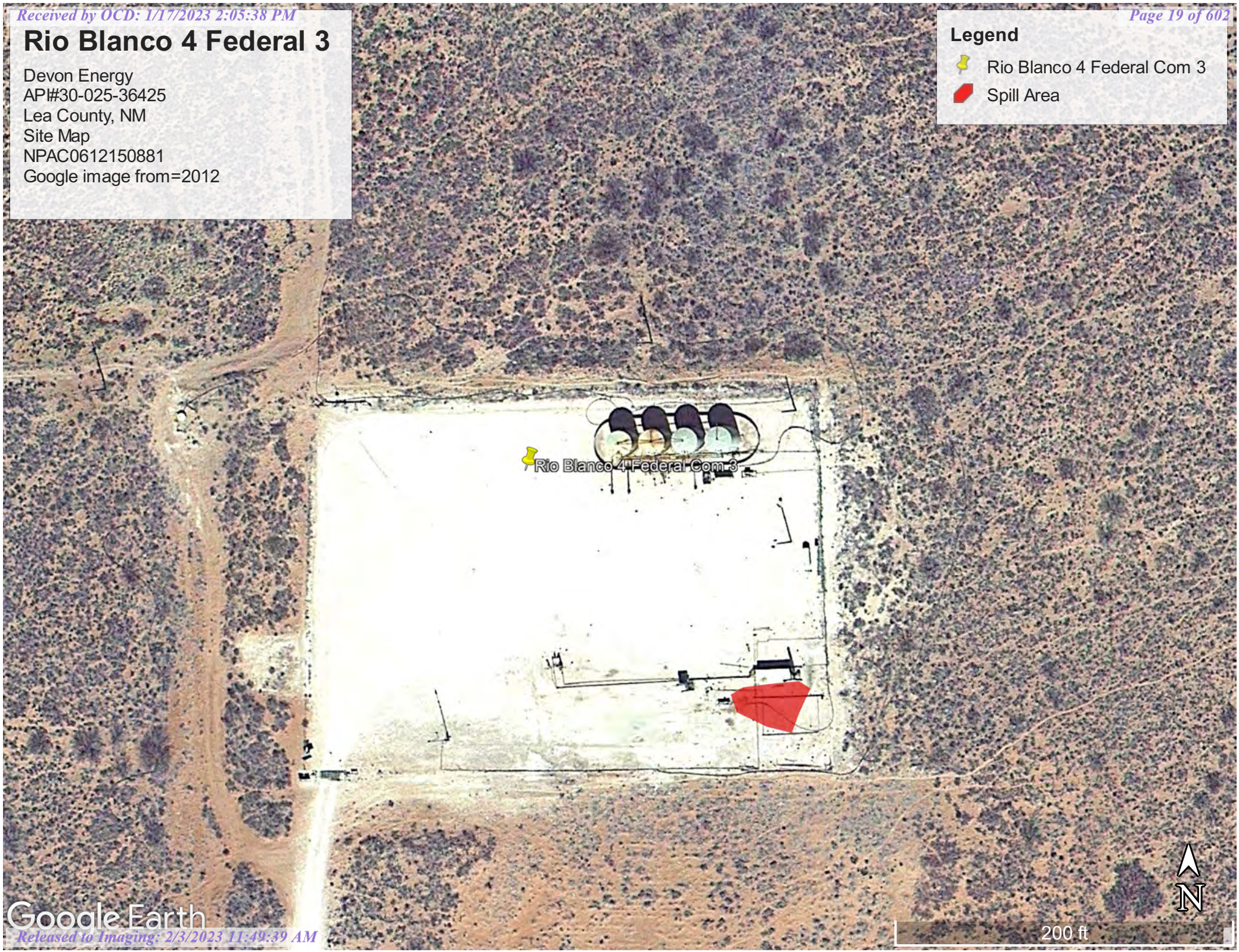
Rio Blanco 4 Fed Com 3

Devon Energy
API #30-025-36425
Lea County, NM
Karst Map



Rio Blanco 4 Federal 3

Devon Energy
API#30-025-36425
Lea County, NM
Site Map
NPAC0612150881
Google image from=2012



Rio Blanco 4 Fed Com 3

Devon Energy
API#30-025-36425
Lea County, NM
Confirmation Map

Legend

- Backgrounds/Sidewalls
- Excavation
- Confirmation Samples
- Rio Blanco 4 Federal Com 3



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01622 POD1		CP	LE	1	3	3	04	23S	34E	642830	3577872	1040	575	285	290
CP 01502 POD2		CP	LE	4	3	3	05	23S	34E	642074	3577676	1820	680	300	380
CP 01760 POD1		CP	LE	3	1	2	16	23S	34E	643627	3575897	2258	767	290	477
CP 01730 POD1		CP	LE	2	2	1	16	23S	34E	643549	3575824	2338	594	200	394
CP 01706 POD1		CP	LE	4	4	2	32	22S	34E	642603	3580185	2381	340	282	58
CP 01705 POD1		CP	LE	4	4	2	32	22S	34E	642588	3580179	2383	700	305	395
CP 01829 POD1		CP	LE	4	4	2	32	22S	34E	642559	3580172	2393	1410	1150	260
CP 01502 POD1		CP	LE	4	3	3	05	23S	34E	641316	3577635	2568	648	200	448
CP 01075 POD1		CP	LE	1	1	1	08	23S	34E	641278	3577525	2629	430	20	410
CP 01740 POD1		CP	LE	1	1	1	34	22S	34E	644402	3580765	2680	600	560	40
CP 00872 POD1		CP	LE	1	1	1	08	23S	34E	641225	3577504*	2685	494	305	189
CP 01826 POD1		CP	LE	1	1	1	34	22S	34E	644379	3580778	2688	698	180	518
CP 01803 POD1		CP	LE	1	1	1	34	22S	34E	644357	3580786	2691	240	180	60
CP 00556 POD1		CP	LE	4	4	3	08	23S	34E	641762	3576206	2837	497	255	242
E 07616 POD1		E	TO							646466	3576970	2883	500	300	200

Average Depth to Water: **320 feet**
Minimum Depth: **20 feet**
Maximum Depth: **1150 feet**

Record Count: 15

UTMNAD83 Radius Search (in meters):

Easting (X): 643833 **Northing (Y):** 3578146.4 **Radius:** 3000

***UTM location was derived from PLSS - see Help**

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

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

- See the Water Data for the Nation Blog for the latest news and updates.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 321917103303001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

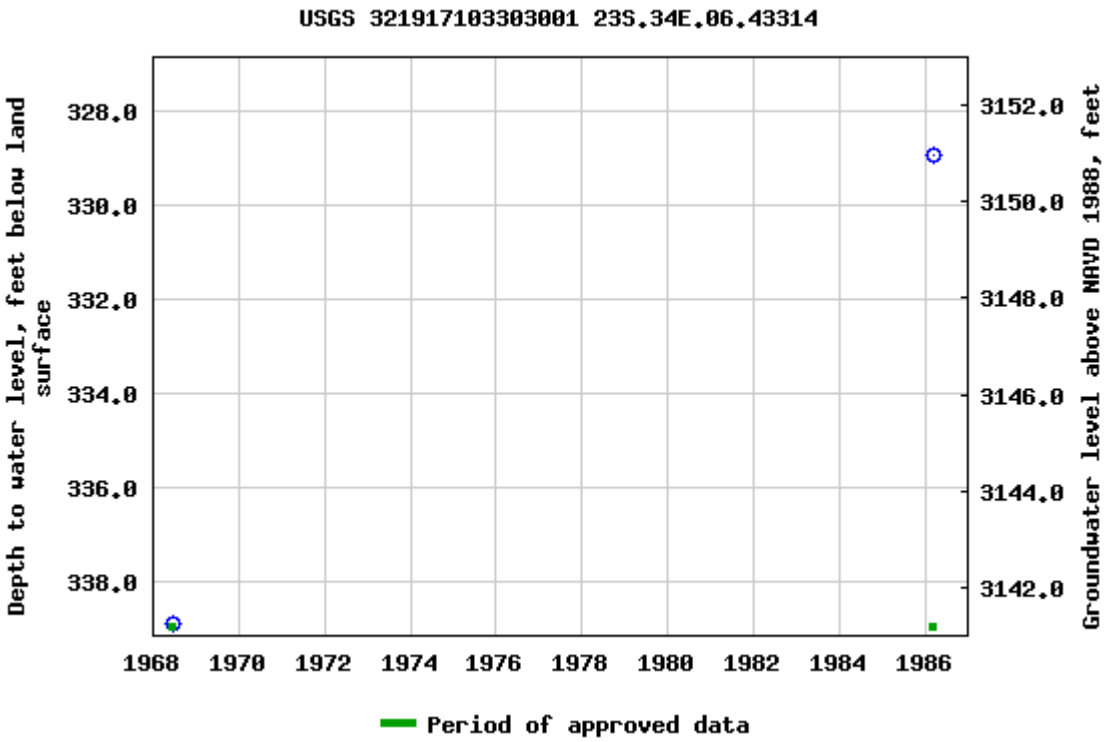
USGS 321917103303001 23S.34E.06.43314

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°19'17", Longitude 103°30'30" NAD27
Land-surface elevation 3,480 feet above NAVD88
The depth of the well is 640 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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



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

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

Accessibility FOIA Privacy Policies and Notices

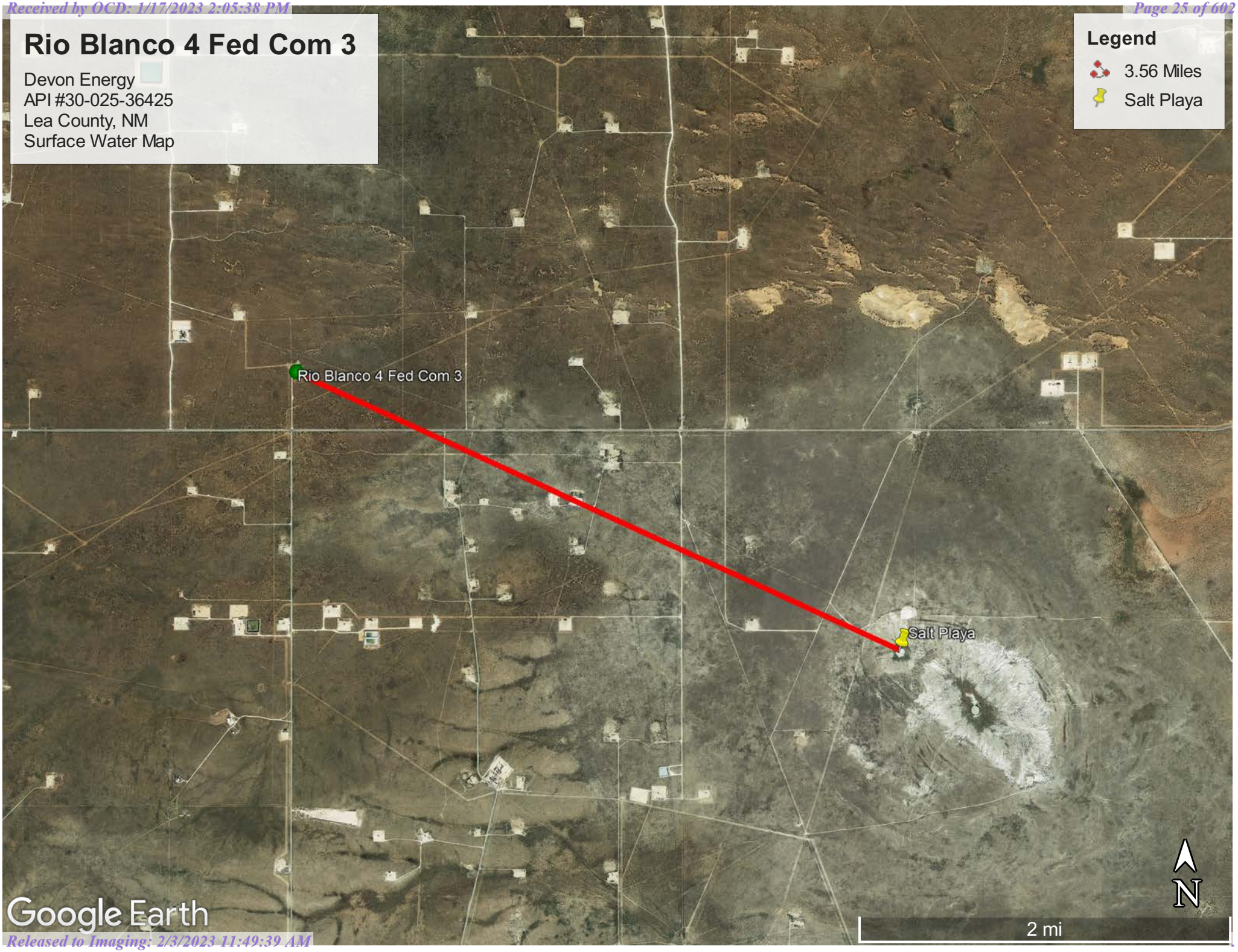
U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2022-12-31 15:22:05 EST
0.57 0.49 nadww01

Rio Blanco 4 Fed Com 3

Devon Energy
API #30-025-36425
Lea County, NM
Surface Water Map



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Received by OCD: 1/17/2023 2:05:38 PM

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R042XC022NM - Sandhills

Released to Imaging: 2/3/2023 11:49:39 AM

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

Received by OCD: 1/17/2023 2:05:38 PM

National Flood Hazard Layer FIRMette

FEMA

103°28'37"W 32°20'7"N



103°28'W 32°19'36"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Released to Imaging: 2/3/2023 11:49:39 AM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

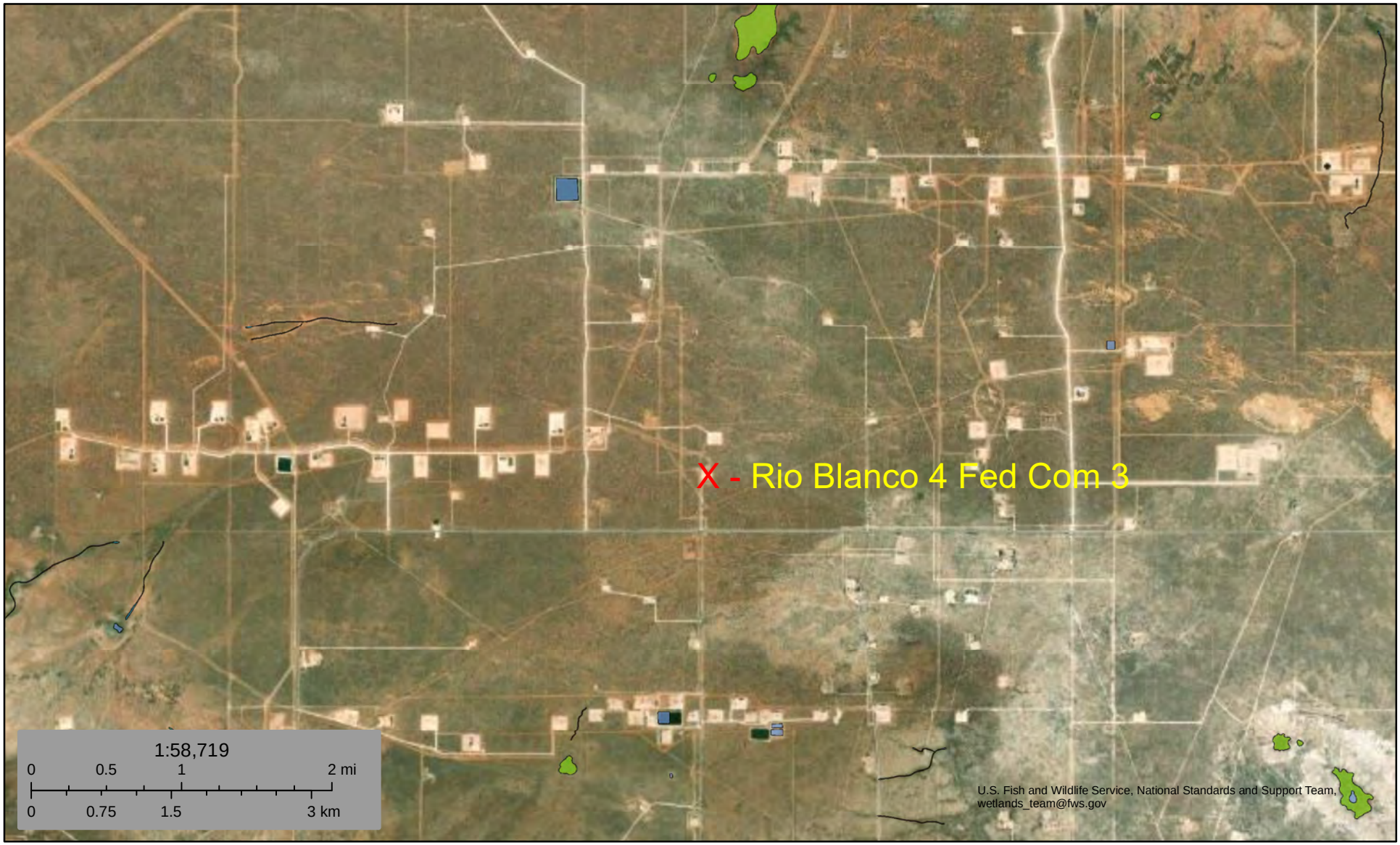
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/23/2022 at 3:20 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



December 31, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Co., LP	Contact: Jennifer Van Curen
Address: PO Box 250; Artesia, NM 88211	Telephone No. 505-748-0160
Facility Name Rio Blanco 4 Federal 3	Facility Type Well

Surface Owner	Mineral Owner	Lease No. NMNM19143

LOCATION OF RELEASE

API#3002536425 0000

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	4	23S	34E	1650	South	1650	East	Lea

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release: Water	Volume of Release: 50 bbls	Volume Recovered: 40 bbls
Source of Release: welded connection parted	Date and Hour of Occurrence: 4-12-06; 1:30 pm	Date and Hour of Discovery: 4-12-06; 1:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Pat Caperton; OCD	
By Whom? Roger Hernandez; Foreman	Date and Hour: 4-13-06; 9:45 am	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Found fluid {P/W} spraying out of a welded {fused} connection on a 3" SDR-7polyethylene pipe. The separation on the weld was approximately 2" long. Set low kill on transfer pump as close as possible to line pressure when pumps are on line and stake down poly pipe to keep from snaking or moving around.

Describe Area Affected and Cleanup Action Taken.*
Shut P/W transfer down, called out vacuum and picked up fluid. 20'x100 & 20'x200" on well pad. Grating area , fertilized and back drag location.

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

Signature: Jennifer Van Curen	OIL CONSERVATION DIVISION
Printed Name: Jennifer Van Curen	Approved by District Supervisor:
Title: Production Field Tech	Approval Date: / Expiration Date:
E-mail Address: Jennifer.Vancuren@dvn.com	Conditions of Approval: / Attached ☐
Date: 4-18-06 Phone: 748-0160	

* Attach Additional Sheets If Necessary

incident - nPAC0612150881
application - pPAC0612151209

State of New Mexico
Oil Conservation Division

Incident ID	nPAC0612150881
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	< 50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nPAC0612150881
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 1/17/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Incident ID	nPAC0612150881
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[x] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

[x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 1/17/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Gmail

Gio PimaOil <gio@pimaoil.com>

Confirmation of Samples at Rio Blanco 4 fed com #3

1 message

Gio PimaOil <gio@pimaoil.com> Thu, Oct 13, 2022 at 10:14 AM
To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>, Sebastian Pima Oil <sebastian@pimaoil.com>

Good Morning,
Pima Environmental would like to notify you that we will be collecting confirmation samples at the Rio Blanco 4 fed com #3 for incidents NAB1915740015, nKl1626534300, nkj1531346514,PTO1415448410 & NAPP2226449010. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Saturday October 15, 2022. If you have any questions or concerns, please let me know. Thank you.

--
Gio Gomez
Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.

From: tom@pimaoil.com
To: ocdonline@state.nm.us
Cc: "Gio PimaOil"
Subject: RE: Confirmation of Samples at Rio Blanco 4 fed com #3
Date: Thursday, January 5, 2023 8:16:13 AM

Good morning,
Our apologies but we need to make a correction on this notification.
The incident ID nKL1626534300 from below refers to an incident that has already been closed. The incident ID we needed to include was **nPAC0612150881**. Again, we apologize for the oversight and appreciate your patience and understanding in this matter.

THANK YOU,

Tom Bynum
Cell – 580-748-1613
Office – 575-964-7740

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM, 88240

From: Gio PimaOil <gio@pimaoil.com>
Sent: Thursday, October 13, 2022 10:15 AM
To: ocdonline@state.nm.us; Tom Pima Oil <tom@pimaoil.com>; Sebastian Pima Oil <sebastian@pimaoil.com>
Subject: Confirmation of Samples at Rio Blanco 4 fed com #3

Good Morning,
Pima Environmental would like to notify you that we will be collecting confirmation samples at the Rio Blanco 4 fed com #3 for incidents nAB1915740015, ~~nKL1626534300~~, nKJ1531346514, nTO1415448410 & nAPP2226449010. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Saturday October 15, 2022. If you have any questions or concerns, please let me know. Thank you.

--
Gio Gomez
Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.

Pima Environmental Services

Appendix D

Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY

RIO BLANCO 4 FED COM 3

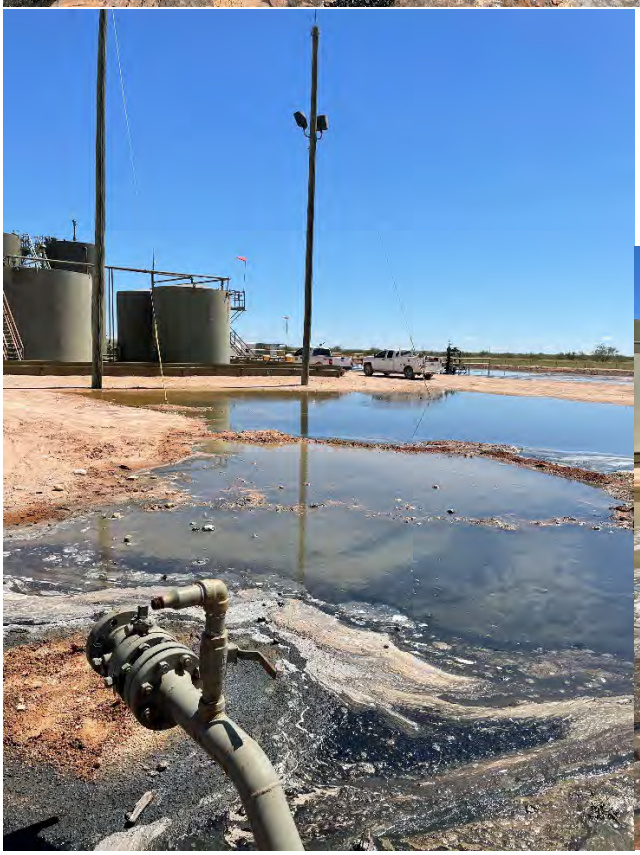
INITIAL INCIDENT

















SITE ASSESSMENT





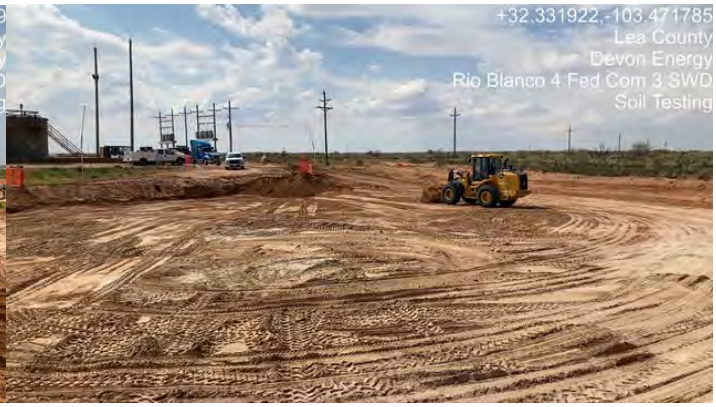

+32.330927,-103.471927
56° NE
Assessment
Devon: Rio Blanco 4 Fed Com 3


+32.330927,-103.471927
30° NE
Assessment
Devon: Rio Blanco 4 Fed Com 3


+32.331028,-103.471915
88° E
Assessment
Devon: Rio Blanco 4 Fed Com 3

EXCAVATION


+32.331451,-103.472269
Lea County
Devon Energy
Rio Blanco 4 Fed Com 3 SWD
Soil Testing


+32.331922,-103.471785
Lea County
Devon Energy
Rio Blanco 4 Fed Com 3 SWD
Soil Testing


+32.330964,-103.471876
46° NE
Assessment
Devon: Rio Blanco 4 Fed Com 3



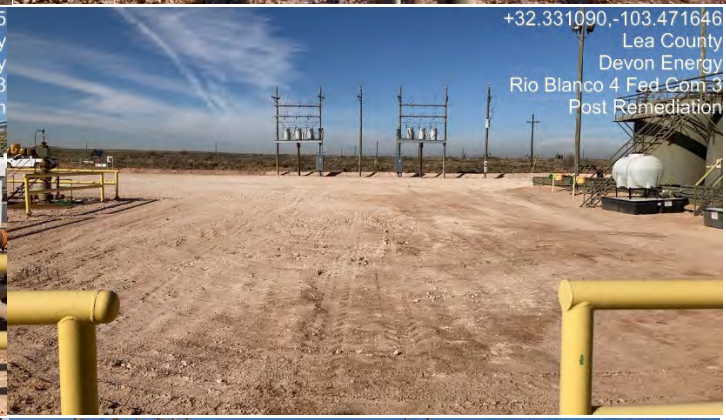


POST EXCAVATION/REMEDIATION














+32.331988,-103.471844
Lea County
Devon Energy
Rio Blanco 4 Fed Com 3
Post Remediation


+32.331481,-103.471853
Lea County
Devon Energy
Rio Blanco 4 Fed Com 3
Post Remediation


+32.331593,-103.472273
Lea County
Devon Energy


+32.331496,-103.472284
Lea County
Devon Energy

Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Rio Blanco 4 Fed Com 3
Work Order:	E210084
Job Number:	01058-0007
Received:	10/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/21/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210084
Date Received: 10/19/2022 9:55:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2022 9:55:00AM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/22 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E210084-01A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 2	E210084-02A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 3	E210084-03A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 4	E210084-04A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 5	E210084-05A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 6	E210084-06A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 7	E210084-07A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 8	E210084-08A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 9	E210084-09A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 10	E210084-10A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 11	E210084-11A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 12	E210084-12A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 13	E210084-13A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 14	E210084-14A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 15	E210084-15A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 16	E210084-16A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 17	E210084-17A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 18	E210084-18A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 19	E210084-19A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 20	E210084-20A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CS 21	E210084-21A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 1	E210084-22A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 2	E210084-23A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 3	E210084-24A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 4	E210084-25A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 5	E210084-26A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 6	E210084-27A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 7	E210084-28A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 8	E210084-29A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 9	E210084-30A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 10	E210084-31A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 11	E210084-32A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 12	E210084-33A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 13	E210084-34A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.
CSW 14	E210084-35A	Soil	10/15/22	10/19/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS-1

E210084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 2

E210084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*80.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 3

E210084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 4

E210084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*75.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 5

E210084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 6

E210084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*84.2 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 7

E210084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*83.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 8

E210084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*78.8 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 9

E210084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 10

E210084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 11

E210084-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 12

E210084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 13

E210084-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 14

E210084-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 15

E210084-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 16

E210084-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	**26.9**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 17

E210084-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 18

E210084-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 19

E210084-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	**24.3**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 20

E210084-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243071
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243073
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CS 21

E210084-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 1

E210084-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 2

E210084-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**23.8**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 3

E210084-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**20.4**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 4

E210084-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**27.9**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 5

E210084-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 6

E210084-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**20.0**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 7

E210084-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**25.5**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 8

E210084-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 9

E210084-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 10

E210084-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**21.6**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 11

E210084-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/19/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/21/22	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*10/19/22*	*10/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**35.9**	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 12

E210084-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/21/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 13

E210084-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/21/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/19/22*	*10/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

CSW 14

E210084-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243072
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/21/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/19/22*	*10/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243074
Chloride	**21.7**	20.0	1	10/19/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243069-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
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	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.552*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2243069-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Benzene	2.12	0.0250	2.50		85.0	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.9	70-130			
Toluene	2.09	0.0250	2.50		83.6	70-130			
o-Xylene	2.18	0.0250	2.50		87.1	70-130			
p,m-Xylene	4.33	0.0500	5.00		86.6	70-130			
Total Xylenes	6.51	0.0250	7.50		86.8	70-130			
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			
LCS Dup (2243069-BSD1)									Prepared: 10/19/22 Analyzed: 10/20/22
Benzene	2.27	0.0250	2.50		90.7	70-130	6.49	23	
Ethylbenzene	2.25	0.0250	2.50		89.8	70-130	8.06	27	
Toluene	2.28	0.0250	2.50		91.2	70-130	8.76	24	
o-Xylene	2.35	0.0250	2.50		93.9	70-130	7.56	27	
p,m-Xylene	4.67	0.0500	5.00		93.3	70-130	7.44	27	
Total Xylenes	7.01	0.0250	7.50		93.5	70-130	7.48	27	
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.572*		*0.500*		*114*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*99.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243070-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
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	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2243070-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Benzene	2.35	0.0250	2.50		93.9	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.3	70-130			
Toluene	2.33	0.0250	2.50		93.2	70-130			
o-Xylene	2.22	0.0250	2.50		89.0	70-130			
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS Dup (2243070-BSD1)									Prepared: 10/19/22 Analyzed: 10/19/22
Benzene	2.32	0.0250	2.50		92.9	70-130	1.07	23	
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130	1.40	27	
Toluene	2.30	0.0250	2.50		91.8	70-130	1.43	24	
o-Xylene	2.21	0.0250	2.50		88.3	70-130	0.722	27	
p,m-Xylene	4.42	0.0500	5.00		88.3	70-130	1.20	27	
Total Xylenes	6.62	0.0250	7.50		88.3	70-130	1.04	27	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243069-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.552*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2243069-BS2)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.537*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
LCS Dup (2243069-BSD2)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	5.31	20	
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.545*		*0.500*		*109*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243070-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2243070-BS2)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS Dup (2243070-BSD2)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130	2.89	20	
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243071-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.4*		*50.0*		*86.8*	*50-200*			
LCS (2243071-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	211	25.0	250		84.6	38-132			
Surrogate: n-Nonane	*44.8*		*50.0*		*89.5*	*50-200*			
Matrix Spike (2243071-MS1)				**Source: E210084-03**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.4	38-132			
Surrogate: n-Nonane	*39.2*		*50.0*		*78.4*	*50-200*			
Matrix Spike Dup (2243071-MSD1)				**Source: E210084-03**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	210	25.0	250	ND	84.0	38-132	0.453	20	
Surrogate: n-Nonane	*41.6*		*50.0*		*83.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243072-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*50-200*			
LCS (2243072-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	*56.4*		*50.0*		*113*	*50-200*			
Matrix Spike (2243072-MS1)				**Source: E210084-23**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2243072-MSD1)				**Source: E210084-23**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	0.865	20	
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243073-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	ND	20.0							
LCS (2243073-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	264	20.0	250		106	90-110			
LCS Dup (2243073-BSD1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	262	20.0	250		105	90-110	0.745	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/2022 4:25:15PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243074-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	ND	20.0							
LCS (2243074-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	268	20.0	250		107	90-110			
LCS Dup (2243074-BSD1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	265	20.0	250		106	90-110	1.30	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/21/22 16:25

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information

Chain of Custody

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Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com3	Attention: Devon Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210084 | Job Number 01058-0003

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	10/15/22	S	1	CS-1	1							X		
8:05	"	"	"	CS 2	2									
8:10				CS 3	3									
8:15				CS 4	4									
8:20				CS 5	5									
8:25				CS 6	6									
8:30				CS 7	7									
8:35				CS 8	8									
8:40				CS 9	9									
8:45				CS 10	10									

Analysis and Method

Additional Instructions: Billing # 21076894

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: AB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/18/22	2:40		10-18-22	3:00
	10-18-22	4:15		10/19/22	9:55

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

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

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Project Information | Chain of Custody | Page 2 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT
Project: Rio Blanco 4 Fed Com 3	Attention: Devon Energy	Lab WO# E210084	Job Number 01058-0007
Project Manager: Tom Bynum	Address:		1D: X; 2D; 3D; Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip		EPA Program: CWA; SDWA; RCRA
City, State, Zip Hobbs, NM. 88240	Phone:		State: NM: X; CO; UT; AZ; TX
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 1-204		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	10/15/22	S	1	CS 11	11							X		
8:55				CS 12	12									
9:00				CS 13	13									
9:05				CS 14	14									
9:10				CS 15	15									
9:15				CS 16	16									
9:20				CS 17	17									
9:25				CS 18	18									
9:30				CS 19	19									
9:35				CS 20	20									

Additional Instructions: Bill to # 210768940

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: AB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/18/22	242		10-18-22	3:00
	10-18-22	4:15		10/19/22	9:55

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 3 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Dixon Energy	Lab WO# E210084
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:40	10/6/22	S	1	CS 21	21	X	
9:45				CSW 1	22		
9:50				CSW 2	23		
10:00				CSW 3	24		
10:05				CSW 4	25		
10:10				CSW 5	26		
10:15				CSW 6	27		
10:20				CSW 7	28		
10:25				CSW 8	29		
10:30				CSW 9	30		

Additional Instructions: Billing # 210 76 894

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: AB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/18/22	2:43		10-18-22	3:00
	10-18-22	4:15		10/19/22	9:55

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

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

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Project Information | Chain of Custody | Page 4 of 4

Client: Pima Environmental Services	Bill To
Project: Teso Blanco 4 Federal 3	Attention: Deana Emery
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project #
Report due by:	

Lab Use Only: Lab WO# E210084 | Job Number 01058-0004

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:35	10/13/22	S	1	CSW 10	31	X	
10:46				CSW 11	32		
10:45				CSW 12	33		
10:56				CSW 13	34		
10:55				CSW 14	35		

Additional Instructions: Billing # 21076894

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: AB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/18/22	2:45		10-18-22	3:07
	10-18-22	4:15		10/19/22	9:55

Lab Use Only: Received on ice: (Y) N

T1 | T2 | T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 11:34:06AM

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:	10/19/22 09:55	Work Order ID:	E210084
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:50	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/19/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210085
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210085
Date Received: 10/18/2022 1:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 1:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Office: 505-632-1881
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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 16:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW 15	E210085-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW 16	E210085-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW 17	E210085-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW 18	E210085-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW 19	E210085-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

CSW 15

E210085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243013
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243056
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

CSW 16

E210085-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243013
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243056
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

CSW 17

E210085-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243013
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243056
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

CSW 18

E210085-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243013
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243056
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

CSW 19

E210085-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243013
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243056
Chloride	ND	20.0	1	10/18/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243038-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
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	*8.21*		*8.00*		*103*	*70-130*			
LCS (2243038-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.35	0.0250	5.00		107	70-130			
Ethylbenzene	5.41	0.0250	5.00		108	70-130			
Toluene	5.54	0.0250	5.00		111	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*8.00*		*104*	*70-130*			
LCS Dup (2243038-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.04	0.0250	5.00		101	70-130	5.98	20	
Ethylbenzene	5.12	0.0250	5.00		102	70-130	5.57	20	
Toluene	5.22	0.0250	5.00		104	70-130	5.84	20	
o-Xylene	5.28	0.0250	5.00		106	70-130	5.36	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	5.42	20	
Total Xylenes	15.7	0.0250	15.0		104	70-130	5.40	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243038-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2243038-BS2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.7*	*70-130*			
LCS Dup (2243038-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	2.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243013-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.5*		*50.0*		*107*	*50-200*			
LCS (2243013-BS1)									Prepared: 10/17/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*50-200*			
Matrix Spike (2243013-MS1)				**Source: E210078-03**					Prepared: 10/17/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*47.5*		*50.0*		*95.1*	*50-200*			
Matrix Spike Dup (2243013-MSD1)				**Source: E210078-03**					Prepared: 10/17/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	0.814	20	
Surrogate: n-Nonane	*46.2*		*50.0*		*92.4*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:30:19PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243056-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243056-BS1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	252	20.0	250		101	90-110			
LCS Dup (2243056-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	267	20.0	250		107	90-110	6.11	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 16:30

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 3 of 1

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 4 of 1

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon Energy	Lab WO# E210085
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
10:30	10/15/22	S		CSW10	1	
10:35				CSW11		
10:40				CSW12		
10:45				CSW13		
10:50				CSW14		
10:55				CSW15		
11:00				CSW16	2	
11:05				CSW17	3	
11:10				CSW18	4	
11:15				CSW19	5	

Additional Instructions: Billing# 21076894

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: Adriana Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Adriana Benavides	10/17/22	3:00		10-17	3
	10-17-22	4:15		10/18/22	13:00

Lab Use Only — Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Envirotech Analytical Laboratory

Printed: 10/18/2022 3:43:40PM

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:	10/18/22 13:00	Work Order ID:	E210085
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:51	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. Samples CS21 & CSW1 through CSW15 Cancelled per client.

Client Instruction

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

Date

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Project Information | Chain of Custody | Page 3 of 1

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Kidwell Federal Com 3	Attention: Devon Energy	Lab WO# E210085	Job Number 01956 0007
Project Manager: Tom Bynum	Address:	1D X	2D	3D	Standard	CWA	SDWA
Address: 5614 N. Lovington Hwy.	City, State, Zip						RCRA
City, State, Zip Hobbs, NM. 88240	Phone:						
Phone: 580-748-1613	Email:					State: NM X	CO	UT	AZ	TX
Email: tom@pimaoil.com	Pima Project # 1-204						
Report due by:							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:40	10/15/22	S		CS21								X		
9:45	"	"		CSW01								"		
9:50	"	"		CSW02								"		
9:55	"	"		CSW03								"		
10:00	"	"		CSW04								"		
10:05	"	"		CSW05								"		
10:10	"	"		CSW06								"		
10:15	"	"		CSW07								"		
10:20	"	"		CSW08								"		
10:25	"	"		CSW09								"		

Cancelled per client 10/17/2022 DA

Additional Instructions: Billing # 21076894 Samples were not received DA

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: Andriana Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andriana Benavides	10/17/22	13:00		10-17-22	3:00
	10-17-22	4:15		10/18/22	13:00

Lab Use Only — Received on ice: Y / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Received by OCD: 1/17/2023 2:05:38 PM

Released to Imaging: 2/3/2023 11:49:39 AM

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Project Information | Chain of Custody | Page 4 of 4

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Devon Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# EZ10085 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
10:30	10/15/22	S		CSW10		samples not received Canceled per client 10/18/22 AK
10:35				CSW11		
10:40				CSW12		
10:45				CSW13		
10:50				CSW14		
10:55	10/15/22		1	CSW15	1	
11:00				CSW16	2	
11:05				CSW17	3	
11:10				CSW18	4	
11:15				CSW19	5	

Additional Instructions: Billing# 210768941

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: Arianna Bernardez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10/17/22	3
	10-17-22	4:15		10/18/22	13:00

Lab Use Only: Received on ice: (Y) / N

T1 | T2 | T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

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

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Received by OCD: 1/17/2023 2:05:38 PM

Released to Imaging: 2/3/2023 11:49:39 AM

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Rio Blanco 4 Fed Com 3
Work Order:	E210086
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210086
Date Received: 10/18/2022 12:30:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:30:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW20	E210086-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW21	E210086-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW22	E210086-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW23	E210086-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW24	E210086-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW25	E210086-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW26	E210086-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW27	E210086-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW28	E210086-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW29	E210086-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW30	E210086-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW31	E210086-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW32	E210086-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW33	E210086-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW34	E210086-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW35	E210086-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW36	E210086-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW37	E210086-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW38	E210086-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW39	E210086-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW20

E210086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW21

E210086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW22

E210086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW23

E210086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW24

E210086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW25

E210086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW26

E210086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW27

E210086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW28

E210086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW29

E210086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW30

E210086-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

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E210086-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

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E210086-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW33

E210086-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW34

E210086-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW35

E210086-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW36

E210086-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW37

E210086-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW38

E210086-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

CSW39

E210086-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243044
Chloride	ND	20.0	1	10/18/22	10/18/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243020-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
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	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2243020-BS1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	2.49	0.0250	2.50		99.6	70-130			
Ethylbenzene	2.47	0.0250	2.50		98.8	70-130			
Toluene	2.42	0.0250	2.50		96.8	70-130			
o-Xylene	2.33	0.0250	2.50		93.1	70-130			
p,m-Xylene	4.62	0.0500	5.00		92.4	70-130			
Total Xylenes	6.95	0.0250	7.50		92.6	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*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*			
LCS Dup (2243020-BSD1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	2.43	0.0250	2.50		97.2	70-130	2.38	23	
Ethylbenzene	2.48	0.0250	2.50		99.0	70-130	0.263	27	
Toluene	2.43	0.0250	2.50		97.1	70-130	0.248	24	
o-Xylene	2.34	0.0250	2.50		93.6	70-130	0.621	27	
p,m-Xylene	4.64	0.0500	5.00		92.8	70-130	0.508	27	
Total Xylenes	6.98	0.0250	7.50		93.1	70-130	0.546	27	
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243020-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2243020-BS2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS Dup (2243020-BSD2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130	1.56	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243024-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			
LCS (2243024-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	*55.2*		*50.0*		*110*	*50-200*			
Matrix Spike (2243024-MS1)				**Source: E210086-06**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2243024-MSD1)				**Source: E210086-06**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	1.26	20	
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:15:09PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243044-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243044-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	262	20.0	250		105	90-110			
LCS Dup (2243044-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	266	20.0	250		106	90-110	1.42	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:15

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 5 of ____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Devon Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210086 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:20	10/15/22	S	1	CSW20	1	X	
11:25	"	"	"	CSW21	2	"	
11:30	"	"	"	CSW22	3	"	
11:35	"	"	"	CSW23	4	"	
11:40	"	"	"	CSW24	5	"	
11:45	"	"	"	CSW25	6	"	
11:50	"	"	"	CSW26	7	"	
11:55	"	"	"	CSW27	8	"	
12:00	"	"	"	CSW28	9	"	
12:05	"	"	"	CSW29	10	"	

Additional Instructions: Billing 21076894

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: A. Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
A. Benavides	10/17/22	3:00		10-17-22	3:00
	10-17-22	4:10		10/18/22	12:30

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 6 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon	Lab WO# E2100886
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	TAT: 1D X, 2D, 3D, Standard
City, State, Zip Hobbs, NM. 88240	Phone:	EPA Program: CWA, SDWA, RCRA
Phone: 580-748-1613	Email:	State: NM X, CO, UT, AZ, TX
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:10		S	1	CSW30	11							X		
12:15				CSW31	12									
12:20				CSW32	13									
12:25				CSW33	14									
12:30				CSW34	15									
12:35				CSW35	16									
12:40				CSW36	17									
12:45				CSW37	18									
12:56				CSW38	19									
12:55				CSW39	20									

Additional Instructions: 210716894

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: A. Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-17-22	4:16		10/18/22	12:30

Lab Use Only: Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 3:03:54PM

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:	10/18/22 12:30	Work Order ID:	E210086
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:53	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. COC incomplete no date sampled.

Client Instruction

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

Date

envirotech Inc.

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Project Information | Chain of Custody | Page 5 of ____

| | | |

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Project Information | Chain of Custody | Page 6 of ____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: DEVON
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210086 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:10	10/15/22	S	1	CSW30	11	
12:15				CSW31	12	
12:20				CSW32	13	
12:25				CSW33	14	
12:30				CSW34	15	
12:35				CSW35	16	
12:40				CSW36	17	
12:45				CSW37	18	
12:50				CSW38	19	
12:55				CSW39	20	

Additional Instructions: 10/18/22 CC 210716894

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: A. Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-17-22	411		10/18/22	12:30

Lab Use Only: Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

envirotech

Received by OCD: 1/17/2023 2:05:38 PM

Released to Imaging: 2/3/2023 11:49:39 AM

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Rio Blanco 4 Fed Com 3
Work Order:	E210087
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210087
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW40	E210087-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW41	E210087-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW42	E210087-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW43	E210087-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW44	E210087-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW45	E210087-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW46	E210087-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW47	E210087-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW48	E210087-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW49	E210087-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW50	E210087-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW51	E210087-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW52	E210087-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW53	E210087-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW54	E210087-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW55	E210087-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW56	E210087-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW57	E210087-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW58	E210087-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW59	E210087-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW40

E210087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*89.8 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW41

E210087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW42

E210087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW43

E210087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW44

E210087-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.3 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW45

E210087-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW46

E210087-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*78.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW47

E210087-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW48

E210087-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW49

E210087-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW50

E210087-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.3 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW51

E210087-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW52

E210087-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW53

E210087-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW54

E210087-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW55

E210087-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW56

E210087-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW57

E210087-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW58

E210087-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

CSW59

E210087-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*78.5 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243045
Chloride	ND	20.0	1	10/18/22	10/18/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243018-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
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	*8.25*		*8.00*		*103*	*70-130*			
LCS (2243018-BS1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.95	0.0250	5.00		98.9	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*70-130*			
LCS Dup (2243018-BSD1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	5.20	0.0250	5.00		104	70-130	8.77	20	
Ethylbenzene	5.14	0.0250	5.00		103	70-130	6.54	20	
Toluene	5.29	0.0250	5.00		106	70-130	7.34	20	
o-Xylene	5.29	0.0250	5.00		106	70-130	6.72	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	6.11	20	
Total Xylenes	15.7	0.0250	15.0		105	70-130	6.32	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.37*		*8.00*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243018-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2243018-BS2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			
LCS Dup (2243018-BSD2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130	3.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.68*		*8.00*		*96.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243025-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*50-200*			
LCS (2243025-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	*57.0*		*50.0*		*114*	*50-200*			
Matrix Spike (2243025-MS1)				**Source: E210087-14**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
Matrix Spike Dup (2243025-MSD1)				**Source: E210087-14**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.33	20	
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:16:24PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243045-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243045-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	257	20.0	250		103	90-110			
LCS Dup (2243045-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	257	20.0	250		103	90-110	0.161	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:16

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 7 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4Fed Com 3	Attention: Devon	Lab WO# E210587
Project Manager: Tom Bynum	Address:	Job Number 01C58-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State					
NM	CO	UT	AZ	TX	
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 NM	BGDOC TX	Remarks
1:00	10/15/22	S	1	CSW40	1							X		
1:05	"	"	"	CSW41	2							"		
1:10	"	"	"	CSW42	3							"		
1:15	"	"	"	CSW43	4							"		
1:20	"	"	"	CSW44	5							"		
1:25	"	"	"	CSW45	6							"		
1:30	"	"	"	CSW46	7							"		
1:35	"	"	"	CSW47	8							"		
1:40	"	"	"	CSW48	9							"		
1:45	"	"	"	CSW49	10							"		

Additional Instructions: 21076894

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: Ian Burnside

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	
	10-17-22	4:15		10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 8 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon	Lab WO# E210087
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
Y					
					RCRA

State: NM Y | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:50	10/5/22	S	1	CSW50	11							Y		
1:55	"	"	"	CSW51	12							"		
2:00	"	"	"	CSW52	13							"		
2:05	"	"	"	CSW53	14							"		
2:10	"	"	"	CSW54	15							"		
2:15	"	"	"	CSW55	16							"		
2:20	"	"	"	CSW56	17							"		
2:25	"	"	"	CSW57	18							"		
2:30	"	"	"	CSW58	19							"		
2:35	"	"	"	CSW59	20							"		

Additional Instructions: 21076894

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: A Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/7/22	3:00		10-17-22	3:00
	10-17-22	4:15		10/18/22	12:00

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 11:41:38AM

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:	10/18/22 12:00	Work Order ID:	E210087
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:54	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210088
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210088
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW60	E210088-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW61	E210088-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW62	E210088-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW63	E210088-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW64	E210088-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW65	E210088-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW66	E210088-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW68	E210088-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW69	E210088-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW70	E210088-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW71	E210088-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW72	E210088-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW73	E210088-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW74	E210088-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW75	E210088-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW76	E210088-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CSW67	E210088-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW60

E210088-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	100	5	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW61

E210088-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW62

E210088-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW63

E210088-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW64

E210088-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW65

E210088-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW66

E210088-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW68

E210088-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW69

E210088-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW70

E210088-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW71

E210088-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW72

E210088-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW73

E210088-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW74

E210088-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW75

E210088-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW76

E210088-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

CSW67

E210088-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243026
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243046
Chloride	ND	20.0	1	10/18/22	10/18/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243019-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
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	*8.04*		*8.00*		*101*	*70-130*			
LCS (2243019-BS1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	5.61	0.0250	5.00		112	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130			
Toluene	4.76	0.0250	5.00		95.1	70-130			
o-Xylene	4.53	0.0250	5.00		90.6	70-130			
p,m-Xylene	9.07	0.0500	10.0		90.7	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
LCS Dup (2243019-BSD1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	5.46	0.0250	5.00		109	70-130	2.69	20	
Ethylbenzene	4.36	0.0250	5.00		87.2	70-130	2.39	20	
Toluene	4.64	0.0250	5.00		92.8	70-130	2.45	20	
o-Xylene	4.42	0.0250	5.00		88.3	70-130	2.52	20	
p,m-Xylene	8.86	0.0500	10.0		88.6	70-130	2.34	20	
Total Xylenes	13.3	0.0250	15.0		88.5	70-130	2.40	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.33*		*8.00*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243019-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.47*		*8.00*		*80.9*	*70-130*			
LCS (2243019-BS2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.62*		*8.00*		*82.8*	*70-130*			
LCS Dup (2243019-BSD2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130	0.818	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.65*		*8.00*		*83.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243026-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.8*		*50.0*		*124*	*50-200*			
LCS (2243026-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	237	25.0	250		94.7	38-132			
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			
Matrix Spike (2243026-MS1)				**Source: E210088-11**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.8	38-132			
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
Matrix Spike Dup (2243026-MSD1)				**Source: E210088-11**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.5	38-132	2.87	20	
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:20:00PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243046-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243046-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	262	20.0	250		105	90-110			
LCS Dup (2243046-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	271	20.0	250		108	90-110	3.50	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:20

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 9 of ____

Client: Pima Environmental Services	
Project: Rio Blanco 4 Fed Com 3	
Project Manager: Tom Bynum	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM, 88240	
Phone: 580-748-1613	
Email: tom@pimaoil.com	
Report due by:	

Bill To

Attention: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project # 1-204	

Lab Use Only

Lab WO#	Job Number
E210888	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
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 NM	BGDOC TX	Remarks
2:40	10/15/22	S	1	CSW 60	1							X		
2:45	"	"	"	CSW 61	2							"		
2:50	"	"	"	CSW 62	3							"		
2:55	"	"	"	CSW 63	4							"		
3:00	"	"	"	CSW 64	5							"		
3:05	"	"	"	CSW 65	6							"		
3:10	"	"	"	CSW 66	7							"		
3:15	"	"	"	CSW 68	8							"		
3:20	"	"	"	CSW 69	9							"		
3:25	"	"	"	CSW 70	10							"		

Additional Instructions: 210768894

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: Andrew Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/17/22	3:00	[signature]	10-17-22	3:00
[signature]	10/17/22	4:15	[signature]	10/18/22	12:00

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

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Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 10 of ____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210688 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
3:30	10/15/22	S	1	CSW71	11							X		
3:35	"	"	"	CSW72	12							"		
3:40	"	"	"	CSW73	13							"		
3:45	"	"	"	CSW74	14							"		
3:50	"	"	"	CSW75	15							"		
3:55	"	"	"	CSW76	16							"		

Additional Instructions: 21076894

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: A. Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Brandon Sanders	10/17/22	3:00	[signature]	10/17/22	3:01
[signature]	10/17/22	4:15	[signature]	10/18/22	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 11:52:22AM

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:	10/18/22 12:00	Work Order ID:	E210088
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:56	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. Received extra sample CSW67 Client asked to add to COC.

Client Instruction

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

Date

envirotech Inc.

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Project Information | Chain of Custody | Page 9 of ____

| | | |

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Project Information | Chain of Custody | Page 10 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Rio Blanco 4 Fed Com 3	Attention: Devon	Lab WO# E21068	Job Number 01C	1D X	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:								
Address: 5614 N. Lovington Hwy.	City, State, Zip								RCRA
City, State, Zip Hobbs, NM. 88240	Phone:								
Phone: 580-748-1613	Email:							State	
Email: tom@pimaoil.com	Pima Project # 1-204							NM X	CO	UT	AZ	TX
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
3:30	10/15/22	S	1	CSW71	11							X		
3:35	"	"	"	CSW72	12							"		
3:40	"	"	"	CSW73	13							"		
3:45	"	"	"	CSW74	14							"		
3:50	"	"	"	CSW75	15							"		
3:55	"	"	"	CSW76	16							"		
	10/15	S	1	CSW67	17									
				received extra sample										
				added per Client 10/18/22 CC										

Additional Instructions: 21076894

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: A. Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/17/22	3:00	[signature]	10/17/22	3:01
[signature]	10/17/22	4:15	[signature]	10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

envirotech

Received by OCD: 1/17/2023 2:05:38 PM
Released to Imaging: 2/3/2023 11:49:39 AM

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Rio Blanco 4 Fed Com 3
Work Order:	E210089
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210089
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS22	E210089-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS23	E210089-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS24	E210089-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS25	E210089-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS26	E210089-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS27	E210089-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS28	E210089-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS29	E210089-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS30	E210089-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS31	E210089-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS32	E210089-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS33	E210089-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS34	E210089-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS35	E210089-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS36	E210089-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS37	E210089-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS38	E210089-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS39	E210089-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS40	E210089-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS41	E210089-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS22

E210089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS23

E210089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS24

E210089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS25

E210089-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS26

E210089-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS27

E210089-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS28

E210089-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS29

E210089-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS30

E210089-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS31

E210089-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS32

E210089-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS33

E210089-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/18/22	
Toluene	ND	0.0250	1	10/17/22	10/18/22	
o-Xylene	ND	0.0250	1	10/17/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/18/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/17/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS34

E210089-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS35

E210089-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS36

E210089-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS37

E210089-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS38

E210089-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS39

E210089-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS40

E210089-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

CS41

E210089-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Benzene	ND	0.0250	1	10/17/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/17/22	10/19/22	
Toluene	ND	0.0250	1	10/17/22	10/19/22	
o-Xylene	ND	0.0250	1	10/17/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/17/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/17/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/17/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243027
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243047
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243021-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
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	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.550*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
LCS (2243021-BS1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	2.38	0.0250	2.50		95.3	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.4	70-130			
Toluene	2.41	0.0250	2.50		96.4	70-130			
o-Xylene	2.49	0.0250	2.50		99.8	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130			
Total Xylenes	7.39	0.0250	7.50		98.5	70-130			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.530*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.2*	*70-130*			
LCS Dup (2243021-BSD1)									Prepared: 10/17/22 Analyzed: 10/18/22
Benzene	2.43	0.0250	2.50		97.2	70-130	2.04	23	
Ethylbenzene	2.45	0.0250	2.50		98.2	70-130	3.95	27	
Toluene	2.46	0.0250	2.50		98.5	70-130	2.15	24	
o-Xylene	2.57	0.0250	2.50		103	70-130	2.83	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	2.84	27	
Total Xylenes	7.60	0.0250	7.50		101	70-130	2.84	27	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243021-BLK1)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.550*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
LCS (2243021-BS2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			
LCS Dup (2243021-BSD2)									Prepared: 10/17/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0		108	70-130	0.100	20	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.527*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243027-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.0*		*50.0*		*114*	*50-200*			
LCS (2243027-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			
Matrix Spike (2243027-MS1)				**Source: E210089-06**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			
Matrix Spike Dup (2243027-MSD1)				**Source: E210089-06**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	1.10	20	
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:27:41PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243047-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243047-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	260	20.0	250		104	90-110			
LCS Dup (2243047-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	260	20.0	250		104	90-110	0.140	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:27

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 11 of ____

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 12 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon	Lab WO# E210089
Project Manager: Tom Bynum	Address:	Job Number 01C0000
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
4:50	10/15/22	S	1	CS 32	11									X				
4:55	"	"	"	CS 33	12									"				
5:00	"	"	"	CS 34	13									"				
5:05	"	"	"	CS 35	14									"				
5:10	"	"	"	CS 36	15									"				
5:15	"	"	"	CS 37	16									"				
5:20	"	"	"	CS 38	17									"				
5:30	"	"	"	CS 39	18									"				
5:35	"	"	"	CS 40	19									"				
5:40	"	"	"	CS 41	20									"				

Additional Instructions: 210716894

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: ABR

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10/17/22	3:02
	10/17/22	4:15		10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/19/2022 11:55:45AM

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:	10/18/22 12:00	Work Order ID:	E210089
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:58	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210090
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210090
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS42	E210090-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS43	E210090-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS44	E210090-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS45	E210090-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS46	E210090-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS47	E210090-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS48	E210090-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS49	E210090-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS50	E210090-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS51	E210090-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS52	E210090-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS53	E210090-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS54	E210090-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS55	E210090-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS56	E210090-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS57	E210090-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS58	E210090-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS59	E210090-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS60	E210090-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS61	E210090-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS42

E210090-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*85.0 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS43

E210090-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS44

E210090-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS45

E210090-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS46

E210090-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*80.5 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS47

E210090-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS48

E210090-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS49

E210090-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*82.6 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS50

E210090-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS51

E210090-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS52

E210090-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*89.5 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS53

E210090-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS54

E210090-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*84.2 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS55

E210090-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS56

E210090-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS57

E210090-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS58

E210090-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS59

E210090-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS60

E210090-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

CS61

E210090-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243028
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*72.3 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243048
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243034-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
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	*8.12*		*8.00*		*102*	*70-130*			
LCS (2243034-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	5.90	0.0250	5.00		118	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.3	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	4.79	0.0250	5.00		95.8	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.4	0.0250	15.0		95.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		*8.00*		*103*	*70-130*			
LCS Dup (2243034-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	5.65	0.0250	5.00		113	70-130	4.29	20	
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130	4.00	20	
Toluene	4.82	0.0250	5.00		96.5	70-130	4.16	20	
o-Xylene	4.61	0.0250	5.00		92.3	70-130	3.75	20	
p,m-Xylene	9.22	0.0500	10.0		92.2	70-130	3.90	20	
Total Xylenes	13.8	0.0250	15.0		92.2	70-130	3.85	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243034-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.15*		*8.00*		*76.9*	*70-130*			
LCS (2243034-BS2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.71*		*8.00*		*83.9*	*70-130*			
LCS Dup (2243034-BSD2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130	6.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.60*		*8.00*		*82.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243028-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.5*		*50.0*		*89.0*	*50-200*			
LCS (2243028-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	200	25.0	250		80.0	38-132			
Surrogate: n-Nonane	*45.4*		*50.0*		*90.9*	*50-200*			
Matrix Spike (2243028-MS1)				**Source: E210090-05**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	211	50.0	250	ND	84.4	38-132			
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			
Matrix Spike Dup (2243028-MSD1)				**Source: E210090-05**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	214	50.0	250	ND	85.4	38-132	1.22	20	
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 3:28:12PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243048-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243048-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	263	20.0	250		105	90-110			
LCS Dup (2243048-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	261	20.0	250		104	90-110	0.854	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 15:28

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 13 of ____

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 14 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco Fed Com 3	Attention:	Lab WO# E210090
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State					
NM	CO	UT	AZ	TX	
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 NM	BGDOC TX			Remarks
6:35	10/15/22	S	1	CS 52	11									X				
6:40	"	"	"	CS 53	12									"				
6:45	"	"	"	CS 54	13									"				
6:50	"	"	"	CS 55	14									"				
6:55	"	"	"	CS 56	15									"				
17:00	"	"	"	CS 57	16									"				
7:05	"	"	"	CS 58	17									"				
7:10	"	"	"	CS 59	18									"				
7:15	"	"	"	CS 60	19									"				
7:20	"	"	"	CS 61	20									"				

Additional Instructions: 21076894

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:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				10-17-22	3:10
	10-17-22	4:46		10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/19/2022 11:59:50AM

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:	10/18/22 12:00	Work Order ID:	E210090
Phone:	(575) 631-6977	Date Logged In:	10/17/22 16:59	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210091
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210091
Date Received: 10/18/2022 12:30:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:30:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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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:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS62	E210091-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS63	E210091-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS64	E210091-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS65	E210091-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS66	E210091-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS67	E210091-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS68	E210091-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS69	E210091-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS70	E210091-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS71	E210091-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS72	E210091-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS73	E210091-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS74	E210091-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS75	E210091-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS76	E210091-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS77	E210091-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS78	E210091-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS79	E210091-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS80	E210091-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS81	E210091-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS62

E210091-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS63

E210091-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS64

E210091-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS65

E210091-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS66

E210091-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS67

E210091-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS68

E210091-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS69

E210091-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS70

E210091-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/18/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/18/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/18/22*	*10/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**46.7**	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS71

E210091-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**34.6**	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS72

E210091-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**29.7**	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS73

E210091-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**22.3**	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS74

E210091-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS75

E210091-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*129 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**20.3**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS76

E210091-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**20.5**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS77

E210091-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**28.1**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS78

E210091-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**30.7**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS79

E210091-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**24.5**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS80

E210091-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*130 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	**28.6**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

CS81

E210091-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243029
Diesel Range Organics (C10-C28)	ND	50.0	2	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	100	2	10/18/22	10/19/22	
Surrogate: n-Nonane		*134 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243049
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243035-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
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	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.552*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS (2243035-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	2.35	0.0250	2.50		93.9	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.6	70-130			
Toluene	2.40	0.0250	2.50		95.9	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.5	70-130			
Total Xylenes	7.38	0.0250	7.50		98.4	70-130			
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.549*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS Dup (2243035-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	2.43	0.0250	2.50		97.1	70-130	3.41	23	
Ethylbenzene	2.47	0.0250	2.50		98.7	70-130	4.24	27	
Toluene	2.52	0.0250	2.50		101	70-130	4.84	24	
o-Xylene	2.55	0.0250	2.50		102	70-130	3.89	27	
p,m-Xylene	5.15	0.0500	5.00		103	70-130	4.39	27	
Total Xylenes	7.70	0.0250	7.50		103	70-130	4.22	27	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.537*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243035-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.552*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS (2243035-BS2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.548*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			
LCS Dup (2243035-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130	8.25	20	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.533*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243029-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*50-200*			
LCS (2243029-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	214	25.0	250		85.4	38-132			
Surrogate: n-Nonane	*53.4*		*50.0*		*107*	*50-200*			
Matrix Spike (2243029-MS1)				**Source: E210091-03**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	228	50.0	250	ND	91.1	38-132			
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2243029-MSD1)				**Source: E210091-03**					Prepared: 10/18/22 Analyzed: 10/18/22
Diesel Range Organics (C10-C28)	223	50.0	250	ND	89.4	38-132	1.85	20	
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:55:10PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243049-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243049-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	262	20.0	250		105	90-110			
LCS Dup (2243049-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	262	20.0	250		105	90-110	0.123	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 16:55

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page 15 of ____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project:	Attention:	Lab WO# E21009l / Job Number 01058-0007
Project Manager: Tom Bynum	Address:	
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
7:25	10/15/22	S	1	CS62	1	
7:30				CS63	2	
7:35				CS64	3	
7:40				CS65	4	
7:45				CS66	5	
7:50				CS67	6	
7:55				CS68	7	
8:00				CS69	8	
8:05				CS70	9	
8:10				CS71	10	

Additional Instructions: 21076894

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:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				10-17-22	3:00
	10-17-22	4:15		10/18/22	12:30

Lab Use Only: Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Project Information | Chain of Custody | Page _____ of _____

| | | |

Envirotech Analytical Laboratory

Printed: 10/19/2022 3:33:17PM

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:	10/18/22 12:30	Work Order ID:	E210091
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:01	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. COC Incomplete no project name.

Client Instruction

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

Date

envirotech Inc.

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Project Information | Chain of Custody | Page 15 of ____

10/18/22 CC.

Client: Pima Environmental Services	
Project: Rio Blanco 4 Fed Com 3	
Project Manager: Tom Bynum	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM. 88240	
Phone: 580-748-1613	
Email: tom@pimaoil.com	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-204

Lab Use Only

Lab WO#	Job Number
E21009l	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
7:25	10/15/22	S	1	CS62	1									X				
7:30				CS63	2													
7:35				CS64	3													
7:40				CS65	4													
7:45				CS66	5													
7:50				CS67	6													
7:55				CS68	7													
8:00				CS69	8													
8:05				CS70	9													
8:10				CS71	10													

Additional Instructions: 210768 94

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:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less then 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				10/17/22	3:00
	10-17-22	4:15		10/18/22	12:30

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

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Project Information | Chain of Custody | Page _____ of _____

10/18/22 CC

Client: Pima Environmental Services	
Project: Big Blanco 4 Fed Com 3	
Project Manager: Tom Bynum	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM, 88240	
Phone: 580-748-1613	
Email: tom@pimaoil.com	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-204

Lab Use Only

Lab WO#	Job Number
E 210091	01058-0007

TAT

1D	2D	3D	Standard
Y			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:15	10/15/22	S	1	CS 72	11									X				
8:20	"	"	"	CS 73	12									"				
8:25	"	"	"	CS 74	13									"				
8:30	"	"	"	CS 75	14									"				
8:35	"	"	"	CS 76	15									"				
8:40	"	"	"	CS 77	16									"				
8:45	"	"	"	CS 78	17									"				
8:50	"	"	"	CS 79	18									"				
8:55	"	"	"	CS 80	19									"				
9:00	"	"	"	CS 81	20									"				

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				10-17-22	3:00
	10-17-22	4:16		10/18/22	12:30

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

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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:	Rio Blanco 4 Fed Com 3
Work Order:	E210092
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210092
Date Received: 10/18/2022 12:30:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:30:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 16:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS82	E210092-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS83	E210092-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS84	E210092-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS85	E210092-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS86	E210092-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS87	E210092-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS88	E210092-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS89	E210092-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS90	E210092-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS91	E210092-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS92	E210092-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS93	E210092-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS94	E210092-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS95	E210092-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS96	E210092-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS97	E210092-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS98	E210092-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS99	E210092-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS100	E210092-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS101	E210092-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS82

E210092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*74.9 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**32.9**	20.0	1	10/18/22	10/18/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS83

E210092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**23.7**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS84

E210092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*60.8 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**23.4**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS85

E210092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*63.9 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS86

E210092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**35.8**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS87

E210092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**42.7**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS88

E210092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**22.3**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS89

E210092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS90

E210092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**48.4**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS91

E210092-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS92

E210092-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**23.2**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS93

E210092-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS94

E210092-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**20.7**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS95

E210092-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS96

E210092-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS97

E210092-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS98

E210092-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**21.3**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS99

E210092-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**22.3**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS100

E210092-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	**22.1**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

CS101

E210092-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243036
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243050
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243036-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
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	*8.40*		*8.00*		*105*	*70-130*			
LCS (2243036-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	4.78	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.95	0.0250	5.00		99.1	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.7	0.0250	15.0		98.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			
LCS Dup (2243036-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	4.56	0.0250	5.00		91.2	70-130	4.58	20	
Ethylbenzene	4.58	0.0250	5.00		91.6	70-130	5.00	20	
Toluene	4.69	0.0250	5.00		93.8	70-130	4.79	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	4.64	20	
p,m-Xylene	9.31	0.0500	10.0		93.1	70-130	4.94	20	
Total Xylenes	14.0	0.0250	15.0		93.6	70-130	4.84	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243036-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.72*		*8.00*		*96.5*	*70-130*			
LCS (2243036-BS2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			
LCS Dup (2243036-BSD2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130	6.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243030-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			
LCS (2243030-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	216	25.0	250		86.4	38-132			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
Matrix Spike (2243030-MS1)				**Source: E210092-13**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.7	38-132			
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*50-200*			
Matrix Spike Dup (2243030-MSD1)				**Source: E210092-13**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.4	38-132	1.37	20	
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2022 4:36:25PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243050-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	ND	20.0							
LCS (2243050-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	267	20.0	250		107	90-110			
LCS Dup (2243050-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Chloride	262	20.0	250		105	90-110	1.88	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/22 16:36

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page ____ of ____

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	**Bill To**	Lab Use Only: Lab WO# E210092 / Job Number 01058-0007
Project:	Attention:	TAT: 1D X / 2D / 3D / Standard
Project Manager: Tom Bynum	Address:	EPA Program: CWA / SDWA / RCRA
Address: 1601 N Turner St., Suite 500	City, State, Zip	State: NM X / CO / UT / AZ / TX
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
9:55	12/15/22	S	1	CS 92	11	
10:00				CS 93	12	
10:05				CS 94	13	
10:10				CS 95	14	
10:15				CS 96	15	
10:20				CS 97	16	
10:25				CS 98	17	
10:30				CS 99	18	
10:35				CS 100	19	
10:40				CS 101	20	

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/19/2022 12:05:53PM

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:	10/18/22 12:30	Work Order ID:	E210092
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:03	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. Project name not provided on COC.

Client Instruction

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

Date

envirotech Inc.

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Project Information | Chain of Custody | Page _____ of _____

10/19/22 CS

Client: Pima Environmental Services	
Project: Rio Blanco 4 Fed Com 3	
Project Manager: Tom Bynum	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM, 88240	
Phone: 580-748-1613	
Email: tom@pimaoil.com	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-204

Lab Use Only

Lab WO#	Job Number
E210092	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
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 NM	BGDOC TX			Remarks
9:05	10/15/22	S	1	CS 82	1									Y				
9:10				CS 83	2													
9:15				CS 84	3													
9:20				CS 85	4													
9:25				CS 86	5													
9:30				CS 87	6													
9:35				CS 88	7													
9:40				CS 89	8													
9:45				CS 90	9													
9:50				CS 91	10													

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
			[signature]	10-17-22	3:07
[signature]	10-17-22	4:15	[signature]	10/18/22	12:30

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

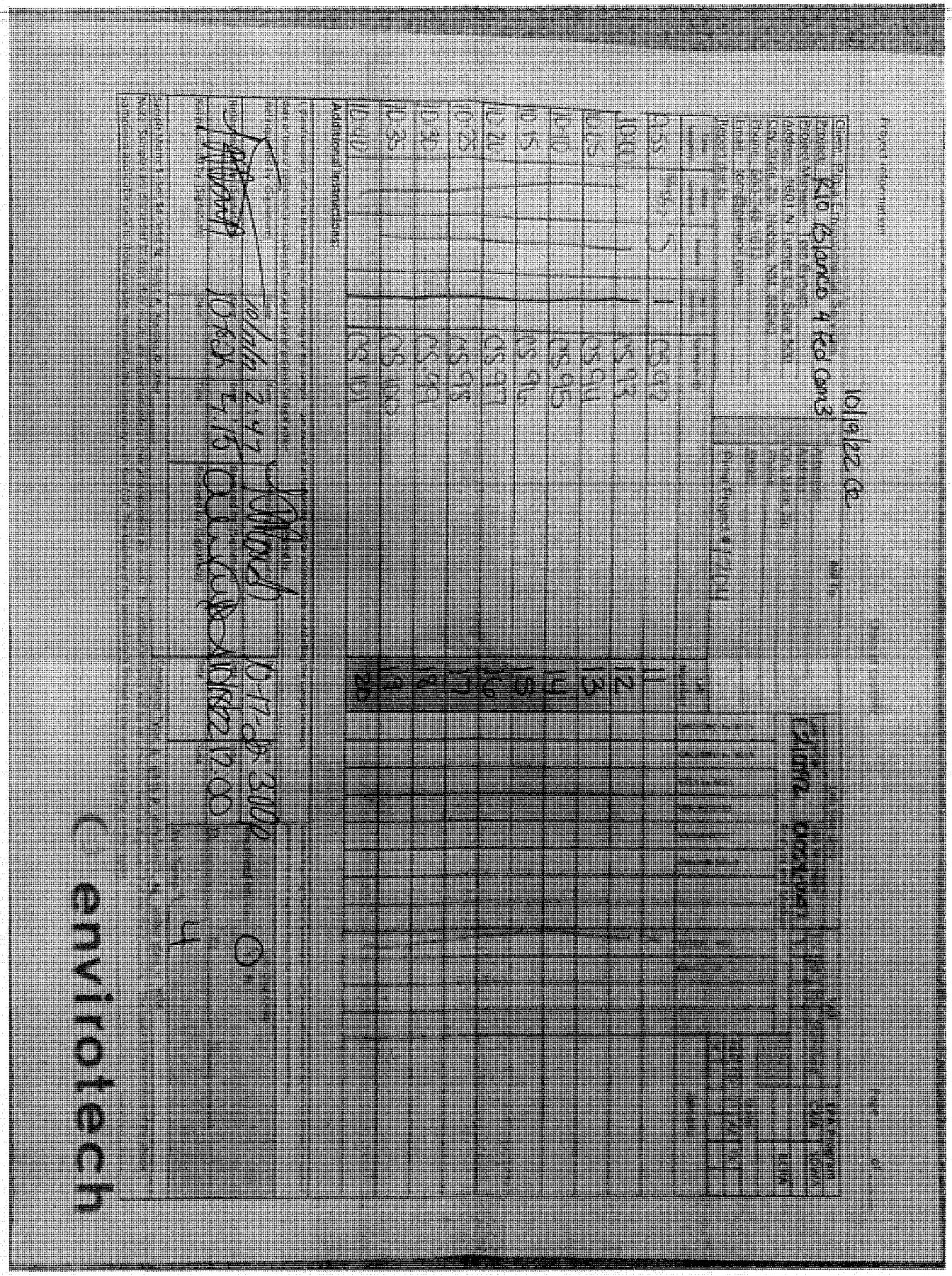
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Received by OCD: 1/17/2023 2:05:38 PM

Released to Imaging: 2/3/2023 11:49:39 AM


Rio Arriba 4 Rd Com3
10/19/22
Environtech

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210093
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210093
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Field Offices:

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 13:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS102	E210093-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS103	E210093-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS104	E210093-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS105	E210093-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS106	E210093-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS107	E210093-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS108	E210093-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS109	E210093-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS110	E210093-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS111	E210093-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS112	E210093-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS113	E210093-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS114	E210093-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS115	E210093-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS116	E210093-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS117	E210093-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS118	E210093-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS119	E210093-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS120	E210093-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS121	E210093-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS102

E210093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*79.7 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	**22.8**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS103

E210093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS104

E210093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS105

E210093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*69.0 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	**23.4**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS106

E210093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS107

E210093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	**20.3**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS108

E210093-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS109

E210093-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS110

E210093-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/18/22	
Toluene	ND	0.0250	1	10/18/22	10/18/22	
o-Xylene	ND	0.0250	1	10/18/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/18/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/18/22*	*10/18/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS111

E210093-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS112

E210093-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS113

E210093-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS114

E210093-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS115

E210093-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS116

E210093-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS117

E210093-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	**21.8**	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS118

E210093-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS119

E210093-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS120

E210093-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

CS121

E210093-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243031
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/18/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243051
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243039-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
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	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS (2243039-BS1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	2.95	0.0250	2.50		118	70-130			
Ethylbenzene	2.92	0.0250	2.50		117	70-130			
Toluene	2.90	0.0250	2.50		116	70-130			
o-Xylene	2.76	0.0250	2.50		110	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.25	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS Dup (2243039-BSD1)									Prepared: 10/18/22 Analyzed: 10/18/22
Benzene	2.56	0.0250	2.50		102	70-130	14.2	23	
Ethylbenzene	2.53	0.0250	2.50		101	70-130	14.1	27	
Toluene	2.52	0.0250	2.50		101	70-130	14.2	24	
o-Xylene	2.39	0.0250	2.50		95.8	70-130	14.1	27	
p,m-Xylene	4.76	0.0500	5.00		95.3	70-130	14.3	27	
Total Xylenes	7.16	0.0250	7.50		95.4	70-130	14.2	27	
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243039-BLK1)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS (2243039-BS2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS Dup (2243039-BSD2)									Prepared: 10/18/22 Analyzed: 10/18/22
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0		106	70-130	1.57	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243031-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2243031-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*50-200*			
Matrix Spike (2243031-MS1)				**Source: E210093-09**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
Matrix Spike Dup (2243031-MSD1)				**Source: E210093-09**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132	1.60	20	
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 1:35:05PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243051-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243051-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	255	20.0	250		102	90-110			
LCS Dup (2243051-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	255	20.0	250		102	90-110	0.0200	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 13:35

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To Attention: Devon	Lab Use Only Lab WO# E210693
Project:	Address:	Job Number 01C58-0003
Project Manager: Tom Bynum	City, State, Zip	
Address: 5614 N. Lovington Hwy.	Phone:	
City, State, Zip Hobbs, NM, 88240	Email:	
Phone: 580-748-1613	Pima Project # 1-204	
Email: tom@pimaoil.com		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State					
NM	CO	UT	AZ	TX	
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 NM	BGDOC TX			Remarks
11:35	10/15/22	S	1	CS 112	1									X				
11:40	"	"	"	CS 113	2									"				
11:45	"	"	"	CS 114	3									"				
11:50	"	"	"	CS 115	4									"				
11:55	"	"	"	CS 116	5									"				
12:00	"	"	"	CS 117	6									"				
12:05	"	"	"	CS 118	7									"				
12:10	"	"	"	CS 119	8									"				
12:15	"	"	"	CS 120	9									"				
12:20	"	"	"	CS 121	10									"				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: 10-17-22

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-18-22	3:00
	10-18-22	4:15		10/18/22	12:00
	10-17-22				

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/19/2022 12:15:40PM

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:	10/18/22 12:00	Work Order ID:	E210093
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:04	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099. Project name not provided on COC.

Client Instruction

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

Date

envirotech Inc.

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Project Information | Chain of Custody | Page _____ of _____

10/19/22 CC

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT	EPA Program
Project: Rio Blanco 4 Fed Com 3	Attention:	Lab WO# E210093	Job Number 01058-0007	1D X	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:								
Address: 5614 N. Lovington Hwy.	City, State, Zip								RCRA
City, State, Zip Hobbs, NM, 88240	Phone:								
Phone: 580-748-1613	Email:							State	
Email: tom@pimaoil.com	Pima Project #							NM X	CO	UT	AZ	TX
Report due by:												

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
10:45	10/15/22	S	1	CS 102	1	~~11~~									X				
10:50				CS 103	2	~~12~~													
10:55				CS 104	3	~~13~~													
11:00				CS 105	4	~~14~~													
11:05				CS 106	5	~~15~~													
11:10				CS 107	6	~~16~~													
11:15				CS 108	7	~~17~~													
11:20				CS 109	8	~~18~~													
11:25				CS 110	9	~~19~~													
11:30				CS 111	10	~~20~~													

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/17/22	3:00	[signature]	10-17-22	3:00
[signature]	10-17-22	4:15	[signature]	10/18/22	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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

envirotech

Received by OCD: 1/17/2023 2:05:38 PM
Released to Imaging: 2/3/2023 11:49:39 AM

Page 391 of 602

Project Information | Chain of Custody | Page ____ of ____

10/19/22 CG

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Deion
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210093 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:35	10/15/22	S	1	CS 112	11							X		
11:40	"	"	"	CS 113	12							"		
11:45	"	"	"	CS 114	13							"		
11:50	"	"	"	CS 115	14							"		
11:55	"	"	"	CS 116	15							"		
12:00	"	"	"	CS 117	16							"		
12:05	"	"	"	CS 118	17							"		
12:10	"	"	"	CS 119	18							"		
12:15	"	"	"	CS 120	19							"		
12:20	"	"	"	CS 121	20 ~~10~~							"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: 10-17-22

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		~~10-18-22~~	3:00
	~~10-18-22~~	4:15		10/18/22	12:00
	10-17-22				

Lab Use Only: Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

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

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

envirotech

Received by OCD: 1/17/2023 2:05:38 PM

Released to Imaging: 2/3/2023 11:49:39 AM

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Rio Blanco 4 Fed Com 3
Work Order:	E210094
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210094
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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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:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 16:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS122	E210094-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS123	E210094-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS124	E210094-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS125	E210094-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS126	E210094-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS127	E210094-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS128	E210094-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS129	E210094-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS130	E210094-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS131	E210094-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS132	E210094-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS133	E210094-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS134	E210094-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS135	E210094-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS136	E210094-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS137	E210094-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS138	E210094-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS139	E210094-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS140	E210094-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS141	E210094-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS122

E210094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS123

E210094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS124

E210094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS125

E210094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS126

E210094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS127

E210094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS128

E210094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS129

E210094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS130

E210094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS131

E210094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS132

E210094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS133

E210094-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS134

E210094-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS135

E210094-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS136

E210094-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS137

E210094-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.2 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS138

E210094-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS139

E210094-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS140

E210094-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

CS141

E210094-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243052
Chloride	ND	20.0	1	10/18/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243040-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
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	*8.11*		*8.00*		*101*	*70-130*			
LCS (2243040-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.2	70-130			
Toluene	4.58	0.0250	5.00		91.5	70-130			
o-Xylene	4.39	0.0250	5.00		87.8	70-130			
p,m-Xylene	8.76	0.0500	10.0		87.6	70-130			
Total Xylenes	13.1	0.0250	15.0		87.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			
LCS Dup (2243040-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.04	0.0250	5.00		101	70-130	4.80	20	
Ethylbenzene	4.12	0.0250	5.00		82.4	70-130	4.56	20	
Toluene	4.37	0.0250	5.00		87.3	70-130	4.70	20	
o-Xylene	4.19	0.0250	5.00		83.9	70-130	4.55	20	
p,m-Xylene	8.38	0.0500	10.0		83.8	70-130	4.42	20	
Total Xylenes	12.6	0.0250	15.0		83.8	70-130	4.46	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243040-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.60*		*8.00*		*82.6*	*70-130*			
LCS (2243040-BS2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.79*		*8.00*		*84.9*	*70-130*			
LCS Dup (2243040-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130	0.483	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.92*		*8.00*		*86.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243022-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
LCS (2243022-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	*56.1*		*50.0*		*112*	*50-200*			
Matrix Spike (2243022-MS1)				**Source: E210094-05**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
Matrix Spike Dup (2243022-MSD1)				**Source: E210094-05**					Prepared: 10/18/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	3.15	20	
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 4:33:23PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243052-BLK1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	ND	20.0							
LCS (2243052-BS1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	250	20.0	250		99.8	90-110			
LCS Dup (2243052-BSD1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	248	20.0	250		99.2	90-110	0.579	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 16:33

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco	Attention: Devon Energy	Lab WO# E210094 / Job Number 01058-0007
Project Manager: Tom Bynum	Address:	TAT: 1D X / 2D / 3D / Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip	EPA Program: CWA / SDWA / RCRA
City, State, Zip Hobbs, NM, 88240	Phone:	State: NM X / CO / UT / AZ / TX
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-704	
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
12:25	10/15/22	S	1	CS122	1									X				
12:30				CS 123	2													
12:35				CS 124	3													
12:40				CS 125	4													
12:45				CS 126	5													
12:50				CS 127	6													
12:55				CS 128	7													
1:00				CS 129	8													
1:05				CS 130	9													
1:10				CS 131	10													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: 10-17-22

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:04		~~10-18-22~~	3.00
	~~10-18-22~~	4:15		10/18/22	12:00
	10-17-22				

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

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

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

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

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Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Envirotech Analytical Laboratory

Printed: 10/19/2022 12:24:35PM

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:	10/18/22 12:00	Work Order ID:	E210094
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:06	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210095
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210095
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS142	E210095-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS143	E210095-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS144	E210095-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS145	E210095-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS146	E210095-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS147	E210095-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS148	E210095-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS149	E210095-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS150	E210095-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS151	E210095-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS152	E210095-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS153	E210095-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS154	E210095-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS155	E210095-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS156	E210095-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS157	E210095-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS158	E210095-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS159	E210095-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS160	E210095-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS161	E210095-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS142

E210095-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS143

E210095-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS144

E210095-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS145

E210095-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS146

E210095-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS147

E210095-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS148

E210095-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS149

E210095-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS150

E210095-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS151

E210095-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS152

E210095-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS153

E210095-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS154

E210095-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS155

E210095-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS156

E210095-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS157

E210095-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS158

E210095-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS159

E210095-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS160

E210095-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

CS161

E210095-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*10/18/22*	*10/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*129 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243053
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243041-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
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	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2243041-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	2.48	0.0250	2.50		99.3	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.35	0.0250	2.50		94.0	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130			
Total Xylenes	7.04	0.0250	7.50		93.8	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS Dup (2243041-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	2.43	0.0250	2.50		97.1	70-130	2.28	23	
Ethylbenzene	2.41	0.0250	2.50		96.5	70-130	3.62	27	
Toluene	2.38	0.0250	2.50		95.2	70-130	3.18	24	
o-Xylene	2.26	0.0250	2.50		90.4	70-130	3.88	27	
p,m-Xylene	4.51	0.0500	5.00		90.1	70-130	3.95	27	
Total Xylenes	6.77	0.0250	7.50		90.2	70-130	3.93	27	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243041-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2243041-BS2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS Dup (2243041-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130	3.13	20	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243057-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
LCS (2243057-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	225	25.0	250		90.1	38-132			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
Matrix Spike (2243057-MS1)				**Source: E210095-12**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	38-132			
Surrogate: n-Nonane	*55.6*		*50.0*		*111*	*50-200*			
Matrix Spike Dup (2243057-MSD1)				**Source: E210095-12**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.4	38-132	3.23	20	
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:05:08PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243053-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243053-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	249	20.0	250		99.4	90-110			
LCS Dup (2243053-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	246	20.0	250		98.4	90-110	1.04	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:05

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Envirotech Analytical Laboratory

Printed: 10/19/2022 12:27:53PM

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:	10/18/22 12:00	Work Order ID:	E210095
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:06	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210096
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210096
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 15:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS162	E210096-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS163	E210096-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS164	E210096-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS165	E210096-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS166	E210096-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS167	E210096-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS168	E210096-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS169	E210096-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS170	E210096-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS171	E210096-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS172	E210096-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS173	E210096-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS174	E210096-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS175	E210096-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS176	E210096-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS177	E210096-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS178	E210096-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS179	E210096-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS180	E210096-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS181	E210096-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS162

E210096-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS163

E210096-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS164

E210096-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS165

E210096-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/19/22	
Toluene	ND	0.0250	1	10/18/22	10/19/22	
o-Xylene	ND	0.0250	1	10/18/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.3 %*	*70-130*	*10/18/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS166

E210096-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.5 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS167

E210096-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.7 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS168

E210096-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.7 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS169

E210096-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS170

E210096-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS171

E210096-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS172

E210096-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.8 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS173

E210096-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS174

E210096-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS175

E210096-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*77.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS176

E210096-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS177

E210096-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS178

E210096-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS179

E210096-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*78.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS180

E210096-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

CS181

E210096-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243042
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243058
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243054
Chloride	ND	20.0	1	10/18/22	10/19/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243042-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
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	*8.10*		*8.00*		*101*	*70-130*			
LCS (2243042-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.92	0.0250	5.00		118	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	4.97	0.0250	5.00		99.3	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.9	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			
LCS Dup (2243042-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.69	0.0250	5.00		114	70-130	4.11	20	
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	4.41	20	
Toluene	4.94	0.0250	5.00		98.7	70-130	4.24	20	
o-Xylene	4.76	0.0250	5.00		95.3	70-130	4.16	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	4.36	20	
Total Xylenes	14.2	0.0250	15.0		94.9	70-130	4.29	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243042-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.72*		*8.00*		*84.0*	*70-130*			
LCS (2243042-BS2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.83*		*8.00*		*85.4*	*70-130*			
LCS Dup (2243042-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130	11.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.76*		*8.00*		*84.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243058-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2243058-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	259	25.0	250		103	38-132			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
Matrix Spike (2243058-MS1)				**Source: E210096-03**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.4	38-132			
Surrogate: n-Nonane	*59.2*		*50.0*		*118*	*50-200*			
Matrix Spike Dup (2243058-MSD1)				**Source: E210096-03**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	179	25.0	250	ND	71.5	38-132	16.6	20	
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 3:23:27PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243054-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243054-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	255	20.0	250		102	90-110			
LCS Dup (2243054-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Chloride	256	20.0	250		103	90-110	0.374	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 15:23

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon Energy	Lab WO# E2100916
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
3:45	10/15/22	S	1	CS162	1									X				
3:50				CS163	2													
3:55				CS 164	3													
4:00				CS 165	4													
4:05				CS 166	5													
4:10				CS 167	6													
4:15				CS 168	7													
4:20				CS 169	8													
4:25				CS 170	9													
4:30				CS 171	10													

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrea Anders	10/17/22	3:00	[signature]	10-17-22	3:00
[signature]	10-18-22	4:15	[signature]	10/18/22	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Envirotech Analytical Laboratory

Printed: 10/19/2022 12:33:37PM

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:	10/18/22 12:00	Work Order ID:	E210096
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:08	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210097
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210097
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS182	E210097-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS183	E210097-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS184	E210097-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS185	E210097-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS186	E210097-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS187	E210097-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS188	E210097-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS189	E210097-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS190	E210097-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS191	E210097-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS192	E210097-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS193	E210097-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS194	E210097-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS195	E210097-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS196	E210097-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS197	E210097-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS198	E210097-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS199	E210097-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS200	E210097-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS201	E210097-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS182

E210097-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS183

E210097-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*90.2 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS184

E210097-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS185

E210097-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS186

E210097-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS187

E210097-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS188

E210097-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS189

E210097-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS190

E210097-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*84.4 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS191

E210097-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*81.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS192

E210097-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS193

E210097-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*79.8 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS194

E210097-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS195

E210097-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*82.1 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS196

E210097-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*82.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS197

E210097-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*73.8 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS198

E210097-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*81.8 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS199

E210097-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS200

E210097-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*76.3 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

CS201

E210097-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Benzene	ND	0.0250	1	10/18/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/18/22	10/20/22	
Toluene	ND	0.0250	1	10/18/22	10/20/22	
o-Xylene	ND	0.0250	1	10/18/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/18/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243043
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/22	10/20/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*10/18/22*	*10/20/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*10/18/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243059
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*83.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243055
Chloride	ND	20.0	1	10/18/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243043-BLK1)									Prepared: 10/18/22 Analyzed: 10/20/22
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	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
LCS (2243043-BS1)									Prepared: 10/18/22 Analyzed: 10/20/22
Benzene	2.27	0.0250	2.50		90.8	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.1	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
o-Xylene	2.14	0.0250	2.50		85.6	70-130			
p,m-Xylene	4.25	0.0500	5.00		85.1	70-130			
Total Xylenes	6.40	0.0250	7.50		85.3	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS Dup (2243043-BSD1)									Prepared: 10/18/22 Analyzed: 10/20/22
Benzene	2.13	0.0250	2.50		85.1	70-130	6.41	23	
Ethylbenzene	2.12	0.0250	2.50		84.8	70-130	7.10	27	
Toluene	2.08	0.0250	2.50		83.0	70-130	7.58	24	
o-Xylene	2.00	0.0250	2.50		80.0	70-130	6.83	27	
p,m-Xylene	3.97	0.0500	5.00		79.4	70-130	6.91	27	
Total Xylenes	5.97	0.0250	7.50		79.6	70-130	6.88	27	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.6*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243043-BLK1)									Prepared: 10/18/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
LCS (2243043-BS2)									Prepared: 10/18/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS Dup (2243043-BSD2)									Prepared: 10/18/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130	7.72	20	
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243059-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2243059-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	206	25.0	250		82.3	38-132			
Surrogate: n-Nonane	*42.6*		*50.0*		*85.1*	*50-200*			
Matrix Spike (2243059-MS1)				**Source: E210097-16**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	202	25.0	250	ND	80.7	38-132			
Surrogate: n-Nonane	*38.7*		*50.0*		*77.4*	*50-200*			
Matrix Spike Dup (2243059-MSD1)				**Source: E210097-16**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.4	38-132	3.30	20	
Surrogate: n-Nonane	*39.5*		*50.0*		*79.0*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:11:05PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243055-BLK1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	ND	20.0							
LCS (2243055-BS1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	258	20.0	250		103	90-110			
LCS Dup (2243055-BSD1)									Prepared: 10/18/22 Analyzed: 10/20/22
Chloride	258	20.0	250		103	90-110	0.0434	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:11

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Rio Blanco 4 Fed Com 3	Attention: Devon	Lab WO# E210097
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-204	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
5:25	10/15/22	S	1	CS182	1									X				
5:30	"	"	"	CS183	2									"				
5:35	"	"	"	CS184	3									"				
5:40	"	"	"	CS185	4									"				
5:45	"	"	"	CS186	5									"				
5:50	"	"	"	CS187	6									"				
5:55	"	"	"	CS188	7									"				
6:00	"	"	"	CS189	8									"				
6:05	"	"	"	CS190	9									"				
6:10	"	"	"	CS191	10									"				

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/17/22	3:00	[signature]	10-17-22	3:00
[signature]	10-18-22	4:15	[signature]	10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

Page 521 of 602

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention:
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project #
Report due by:	

Lab Use Only: Lab WO# E210097 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
6:15	10/15/22	S	1	CS 192	11	X	
6:20				CS 193	12		
6:25				CS 194	13		
6:30				CS 195	14		
6:35				CS 196	15		
6:40				CS 197	16		
6:45				CS 198	17		
6:50				CS 199	18		
6:55				CS 200	19		
7:00				CS 201	20		

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-17-22	4:15		10/18/22	12:00

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/19/2022 12:37:23PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/18/22 12:00	Work Order ID:	E210097
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:09	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210098
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210098
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 202	E210098-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 203	E210098-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 204	E210098-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 205	E210098-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 206	E210098-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 207	E210098-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 208	E210098-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 209	E210098-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 210	E210098-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 211	E210098-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 212	E210098-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 213	E210098-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 214	E210098-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 215	E210098-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 216	E210098-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 217	E210098-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 218	E210098-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 219	E210098-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 220	E210098-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 221	E210098-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 202

E210098-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 203

E210098-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 204

E210098-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 205

E210098-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 206

E210098-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 207

E210098-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 208

E210098-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 209

E210098-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/19/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/19/22*	*10/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 210

E210098-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 211

E210098-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 212

E210098-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 213

E210098-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 214

E210098-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 215

E210098-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 216

E210098-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 217

E210098-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 218

E210098-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 219

E210098-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 220

E210098-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

CS 221

E210098-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243060
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243066
Chloride	ND	20.0	1	10/19/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243063-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
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	*8.07*		*8.00*		*101*	*70-130*			
LCS (2243063-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Benzene	4.36	0.0250	5.00		87.1	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.3	70-130			
Toluene	4.68	0.0250	5.00		93.6	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			
LCS Dup (2243063-BSD1)									Prepared: 10/19/22 Analyzed: 10/19/22
Benzene	4.87	0.0250	5.00		97.3	70-130	11.1	20	
Ethylbenzene	5.02	0.0250	5.00		100	70-130	7.38	20	
Toluene	5.09	0.0250	5.00		102	70-130	8.40	20	
o-Xylene	5.15	0.0250	5.00		103	70-130	7.64	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	7.12	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	7.30	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243063-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			
LCS (2243063-BS2)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.86*		*8.00*		*98.2*	*70-130*			
LCS Dup (2243063-BSD2)									Prepared: 10/19/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130	8.32	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.81*		*8.00*		*97.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243060-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*50-200*			
LCS (2243060-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	219	25.0	250		87.5	38-132			
Surrogate: n-Nonane	*55.2*		*50.0*		*110*	*50-200*			
Matrix Spike (2243060-MS1)				**Source: E210098-19**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.7	38-132			
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*50-200*			
Matrix Spike Dup (2243060-MSD1)				**Source: E210098-19**					Prepared: 10/19/22 Analyzed: 10/19/22
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.3	38-132	1.74	20	
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:21:41PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243066-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243066-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	265	20.0	250		106	90-110			
LCS Dup (2243066-BSD1)									Prepared: 10/19/22 Analyzed: 10/20/22
Chloride	264	20.0	250		105	90-110	0.624	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:21

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | **Chain of Custody** | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention:
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-704
Report due by:	

Lab Use Only: Lab WO# E210098 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
7:05	10/15/22	S	1	CS 202	1	X	
7:10	"	"	"	CS 203	2	"	
7:15	"	"	"	CS 204	3	"	
7:20	"	"	"	CS 205	4	"	
7:25	"	"	"	CS 206	5	"	
7:30	"	"	"	CS 207	6	"	
7:35	"	"	"	CS 208	7	"	
7:40	"	"	"	CS 209	8	"	
7:45	"	"	"	CS 210	9	"	
7:50	"	"	"	CS 211	10	"	

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kendra D.	10/17/22	3:00	[signature]	10-17-22	3:00
[signature]	10-18-22	4:15	[signature]	10/18/22	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

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Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | Chain of Custody | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4Fed Com 3	Attention: Deron
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210098 | Job Number 01058-0003

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:55	10/15/22	S	1	CS 212	11							X		
8:00	"	"	"	CS 213	12							"		
8:05	"	"	"	CS 214	13							"		
8:10	"	"	"	CS 215	14							"		
8:15	"	"	"	CS 216	15							"		
8:20	"	"	"	CS 217	16							"		
8:25	"	"	"	CS 218	17							"		
8:30	"	"	"	CS 219	18							"		
8:35	"	"	"	CS 220	19							"		
8:40	"	"	"	CS 221	20							"		

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3.00
	10-18-22	4:15		10/18/22	12:00

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 12:40:36PM

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:	10/18/22 12:00	Work Order ID:	E210098
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:25	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

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:	Rio Blanco 4 Fed Com 3
Work Order:	E210099
Job Number:	01058-0007
Received:	10/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Rio Blanco 4 Fed Com 3
Workorder: E210099
Date Received: 10/18/2022 12:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2022 12:00:00PM, under the Project Name: Rio Blanco 4 Fed Com 3.

The analytical test results summarized in this report with the Project Name: Rio Blanco 4 Fed Com 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 222	E210099-01A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 223	E210099-02A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 224	E210099-03A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 225	E210099-04A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 226	E210099-05A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 227	E210099-06A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 228	E210099-07A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 229	E210099-08A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 230	E210099-09A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 231	E210099-10A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 232	E210099-11A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 233	E210099-12A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 234	E210099-13A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 235	E210099-14A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 236	E210099-15A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 237	E210099-16A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 238	E210099-17A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 239	E210099-18A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 240	E210099-19A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 241	E210099-20A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 242	E210099-21A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
CS 243	E210099-22A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
BG1	E210099-23A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
BG2	E210099-24A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
BG3	E210099-25A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
BG4	E210099-26A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.
BG5	E210099-27A	Soil	10/15/22	10/18/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 222

E210099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 223

E210099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.6 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 224

E210099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 225

E210099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.1 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 226

E210099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 227

E210099-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 228

E210099-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 229

E210099-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 230

E210099-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 231

E210099-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.2 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 232

E210099-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 233

E210099-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 234

E210099-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 235

E210099-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 236

E210099-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 237

E210099-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 238

E210099-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 239

E210099-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 240

E210099-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 241

E210099-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Benzene	ND	0.0250	1	10/19/22	10/20/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/20/22	
Toluene	ND	0.0250	1	10/19/22	10/20/22	
o-Xylene	ND	0.0250	1	10/19/22	10/20/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/20/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243064
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.7 %*	*70-130*	*10/19/22*	*10/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243067
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 242

E210099-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

CS 243

E210099-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

BG1

E210099-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

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E210099-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

BG3

E210099-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/19/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

BG4

E210099-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/20/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

BG5

E210099-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Benzene	ND	0.0250	1	10/19/22	10/19/22	
Ethylbenzene	ND	0.0250	1	10/19/22	10/19/22	
Toluene	ND	0.0250	1	10/19/22	10/19/22	
o-Xylene	ND	0.0250	1	10/19/22	10/19/22	
p,m-Xylene	ND	0.0500	1	10/19/22	10/19/22	
Total Xylenes	ND	0.0250	1	10/19/22	10/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2243038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/22	10/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*10/19/22*	*10/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/22	10/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/22	10/20/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/19/22*	*10/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2243068
Chloride	ND	20.0	1	10/19/22	10/20/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243038-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
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	*8.21*		*8.00*		*103*	*70-130*			
LCS (2243038-BS1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.35	0.0250	5.00		107	70-130			
Ethylbenzene	5.41	0.0250	5.00		108	70-130			
Toluene	5.54	0.0250	5.00		111	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*8.00*		*104*	*70-130*			
LCS Dup (2243038-BSD1)									Prepared: 10/18/22 Analyzed: 10/19/22
Benzene	5.04	0.0250	5.00		101	70-130	5.98	20	
Ethylbenzene	5.12	0.0250	5.00		102	70-130	5.57	20	
Toluene	5.22	0.0250	5.00		104	70-130	5.84	20	
o-Xylene	5.28	0.0250	5.00		106	70-130	5.36	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	5.42	20	
Total Xylenes	15.7	0.0250	15.0		104	70-130	5.40	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243064-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
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	*8.20*		*8.00*		*102*	*70-130*			
LCS (2243064-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	4.60	0.0250	5.00		91.9	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.34	0.0500	10.0		93.4	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.44*		*8.00*		*105*	*70-130*			
LCS Dup (2243064-BSD1)									Prepared: 10/19/22 Analyzed: 10/20/22
Benzene	4.84	0.0250	5.00		96.7	70-130	14.0	20	
Ethylbenzene	3.98	0.0250	5.00		79.7	70-130	14.3	20	
Toluene	4.21	0.0250	5.00		84.2	70-130	14.3	20	
o-Xylene	4.07	0.0250	5.00		81.4	70-130	14.7	20	
p,m-Xylene	8.11	0.0500	10.0		81.1	70-130	14.1	20	
Total Xylenes	12.2	0.0250	15.0		81.2	70-130	14.3	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.20*		*8.00*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243038-BLK1)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2243038-BS2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.7*	*70-130*			
LCS Dup (2243038-BSD2)									Prepared: 10/18/22 Analyzed: 10/19/22
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	2.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243064-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.46*		*8.00*		*80.7*	*70-130*			
LCS (2243064-BS2)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.92*		*8.00*		*86.4*	*70-130*			
LCS Dup (2243064-BSD2)									Prepared: 10/19/22 Analyzed: 10/20/22
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130	1.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.85*		*8.00*		*85.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243061-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
LCS (2243061-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	*49.4*		*50.0*		*98.8*	*50-200*			
Matrix Spike (2243061-MS1)				**Source: E210099-11**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	*47.4*		*50.0*		*94.7*	*50-200*			
Matrix Spike Dup (2243061-MSD1)				**Source: E210099-11**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	3.45	20	
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243062-BLK1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
LCS (2243062-BS1)									Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	230	25.0	250		92.0	38-132			
Surrogate: n-Nonane	*58.2*		*50.0*		*116*	*50-200*			
Matrix Spike (2243062-MS1)				**Source: E210102-01**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.9	38-132			
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*50-200*			
Matrix Spike Dup (2243062-MSD1)				**Source: E210102-01**					Prepared: 10/19/22 Analyzed: 10/20/22
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	1.66	20	
Surrogate: n-Nonane	*54.2*		*50.0*		*108*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243067-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243067-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	252	20.0	250		101	90-110			
LCS Dup (2243067-BSD1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	253	20.0	250		101	90-110	0.666	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Rio Blanco 4 Fed Com 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/2022 5:19:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2243068-BLK1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	ND	20.0							
LCS (2243068-BS1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	268	20.0	250		107	90-110			
LCS Dup (2243068-BSD1)									Prepared: 10/19/22 Analyzed: 10/19/22
Chloride	268	20.0	250		107	90-110	0.176	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:	Rio Blanco 4 Fed Com 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/20/22 17:19

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.

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | **Chain of Custody** | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only

Lab WO#	Job Number
E210099	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
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 NM	BGDOC TX	Remarks
8:45	10/15/22	S	1	CS 222	1							X		
8:50				CS 223	2									
8:55				CS 224	3									
9:00				CS 225	4									
9:05				CS 226	5									
9:10				CS 227	6									
9:15				CS 228	7									
9:20				CS 229	8									
9:25				CS 230	9									
9:30				CS 231	10									

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-18-22	4:15		10/18/22	12:00

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

Page 598 of 602

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | **Chain of Custody** | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Deron
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only

Lab WO# E210099 | Job Number 01C58007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:35	10/15/22	S	1	CS 232	11									X				
9:40	"	"	"	CS 233	12									"				
9:45				CS 234	13													
9:50				CS 235	14													
9:55				CS 236	15													
10:00				CS 237	16													
10:05				CS 238	17													
10:10				CS 239	18													
10:15				CS 240	19													
10:20				CS 241	20													

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-18-22	4:15		10/18/22	12:00

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

envirotech

Released to Imaging: 2/3/2023 11:49:39 AM
Received by OCD: 1/17/2023 2:05:38 PM

Project Information | **Chain of Custody** | Page _____ of _____

Client: Pima Environmental Services	Bill To
Project: Rio Blanco 4 Fed Com 3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-204
Report due by:	

Lab Use Only: Lab WO# E210099 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:25	10/15/22	S	1	CS 242	21							X		
10:30	"	"	"	CS 243	22							"		
10:35	"	"	"	BG1	23							"		
10:40	"	"	"	BG2	24							"		
10:45	"	"	"	BG3	25							"		
10:50	"	"	"	BG4	26							"		
10:50	"	"	"	BG5	27							"		

Additional Instructions:

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/17/22	3:00		10-17-22	3:00
	10-18-22	4:15		10/18/22	12:00

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2022 12:43:35PM

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:	10/18/22 12:00	Work Order ID:	E210099
Phone:	(575) 631-6977	Date Logged In:	10/17/22 17:29	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Rio Blanco 4 Fed Com 3 has been separated into 16 reports due to sample volume. Workorders are E210084 through E210099.

Client Instruction

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

Date

envirotech Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 176767

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 176767
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note release was resolved 17 years after the incident.	2/3/2023