State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nKJ1531346514 |
| 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 | nKJ1531346514 |
| 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: Jocelyn Harimon Date: 01/17/2023

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nKJ1531346514 |
| 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: Brittany Hall Date: 2/7/2023

Printed Name: Brittany Hall Title: Environmental Specialist

**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 32.330944 Longitude -103.471861**
**UL -- J, 4, T23S, R34E**
**Lea County, NM**
**NMOCD Ref. No. NKJ1531346514**

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 November 6, 2015 (Appendix C). This incident was assigned Incident ID NKJ1531346514 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 32.330944 Longitude -103.471861, 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**

**NKJ1531346514:** On September 30, 2015, a corrosion on a fitting for the suction line to a water transfer pump caused the fitting to break off, resulting in fluid release. Devon had a vacuum truck remove the standing fluid. The released fluids were calculated to be approximately 10 barrels (bbls) of produced water. Vacuum trucks were able to recover approximately 8 bbls of produced water. 2 bbls of produced water were sprayed into the pasture.

**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, NKJ1531346514 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 |
| CS 58 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| 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 |
| CS 93 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 94 | 4' | ND | ND | ND | ND | ND | 0 | 20.7 |
| CS 95 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 96 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 97 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 98 | 4' | ND | ND | ND | ND | ND | 0 | 21.3 |
| CS 99 | 4' | ND | ND | ND | ND | ND | 0 | 22.3 |
| CS 100 | 4' | ND | ND | ND | ND | ND | 0 | 22.1 |
| CS 101 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 102 | 4' | ND | ND | ND | ND | ND | 0 | 22.8 |
| CS 103 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 104 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 105 | 4' | ND | ND | ND | ND | ND | 0 | 23.4 |
| CS 106 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 107 | 4' | ND | ND | ND | ND | ND | 0 | 20.3 |
| CS 108 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 109 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 110 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 111 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 112 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 113 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 114 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 115 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 116 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 117 | 4' | ND | ND | ND | ND | ND | 0 | 21.8 |
| CS 118 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 119 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 120 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 121 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 122 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 123 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 124 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 125 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 126 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 127 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 128 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 129 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 130 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 131 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 132 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 133 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 134 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 135 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 136 | 4' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CS 137 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 138 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 139 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 140 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 141 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 142 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 143 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 144 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 145 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 146 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 147 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 148 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 149 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 150 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 151 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 152 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 153 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 154 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 155 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 156 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 157 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 158 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 159 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 160 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 161 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 162 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 163 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 164 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 165 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 166 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 167 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 168 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 169 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 170 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 171 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 172 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 173 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 174 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 175 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 176 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 177 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 178 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 179 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 180 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 181 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 182 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 183 | 4' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CS 184 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 185 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 186 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 187 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 188 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 189 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 190 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 191 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 192 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 193 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 194 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 195 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 196 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 197 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 198 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 199 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 200 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 201 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 202 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 203 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 204 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 205 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS 206 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| 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 |
| CS 218 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 219 | 2' | ND | ND | ND | ND | ND | 0 | ND |
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| CS 221 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 222 | 2' | ND | ND | ND | ND | ND | 0 | ND |
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| CS 224 | 2' | ND | ND | ND | ND | ND | 0 | ND |
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| CS 226 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 227 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 228 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 229 | 2' | ND | ND | ND | ND | ND | 0 | ND |
| CS 230 | 2' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
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| BG4 | 1' | ND | ND | ND | ND | ND | 0 | ND |
| BG5 | 1' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 3 | 4' | ND | ND | ND | ND | ND | 0 | 20.4 |
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| CSW 5 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 7 | 4' | ND | ND | ND | ND | ND | 0 | 25.5 |
| CSW 8 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 9 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 10 | 4' | ND | ND | ND | ND | ND | 0 | 21.6 |
| CSW 11 | 4' | ND | ND | ND | ND | ND | 0 | 35.9 |
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| CSW 13 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 15 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 17 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 23 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 24 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 25 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 26 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 27 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 28 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 29 | 4' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CSW 30 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 31 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 32 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 33 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 34 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 35 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 36 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 37 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 38 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 39 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 40 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 41 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 42 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 43 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 44 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 45 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 46 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 47 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 48 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 49 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 69 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 70 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 71 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 74 | 4' | ND | ND | ND | ND | ND | 0 | ND |
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| CSW 76 | 4' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
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| CSW 80 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW 81 | 4' | ND | ND | ND | ND | ND | 0 | ND |

Pima Environmental Services

**Figures:**

1 - Location Map

2 - Topographic Map

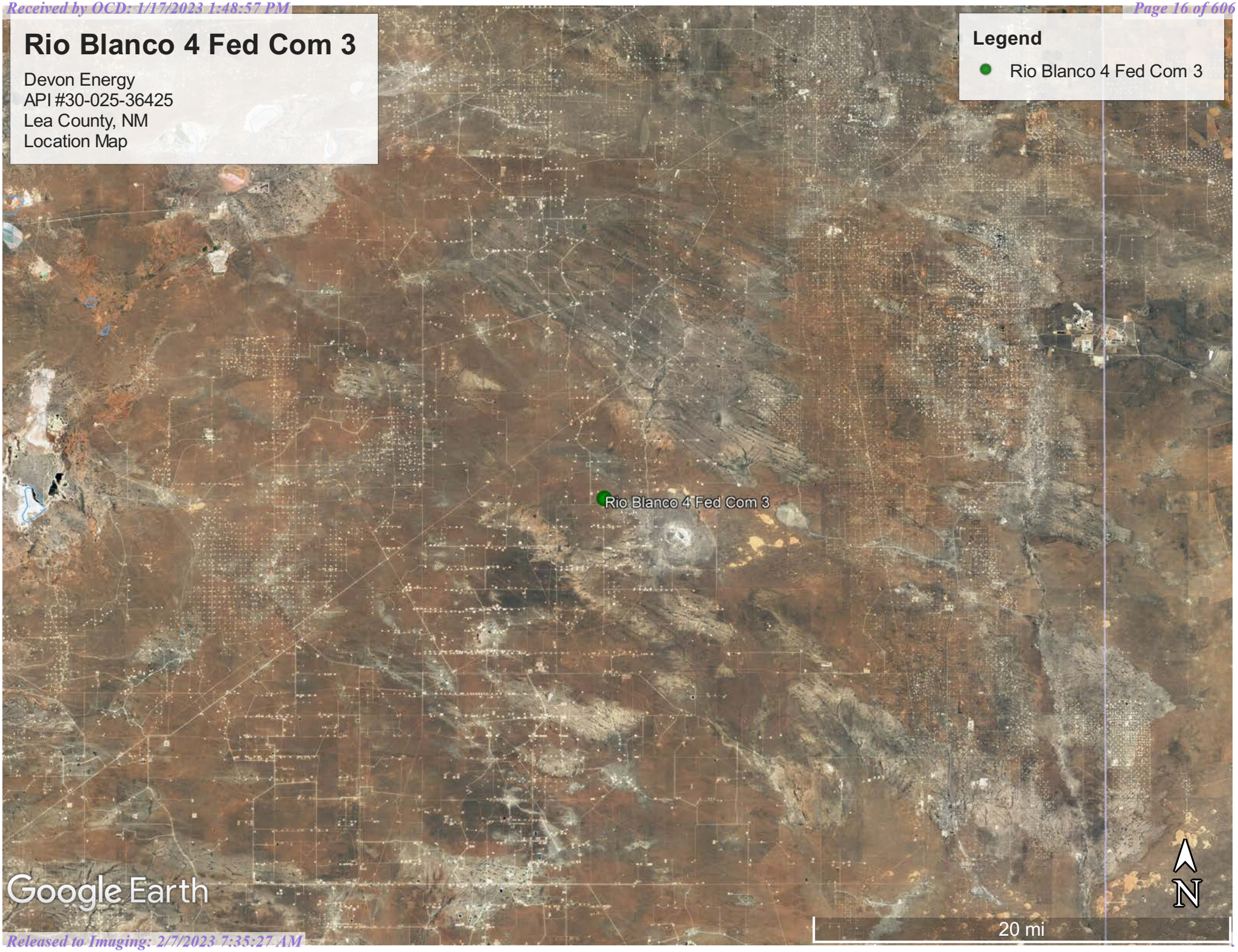
3 - Karst Map

4 - Site Map

5 - Confirmation Sample Map

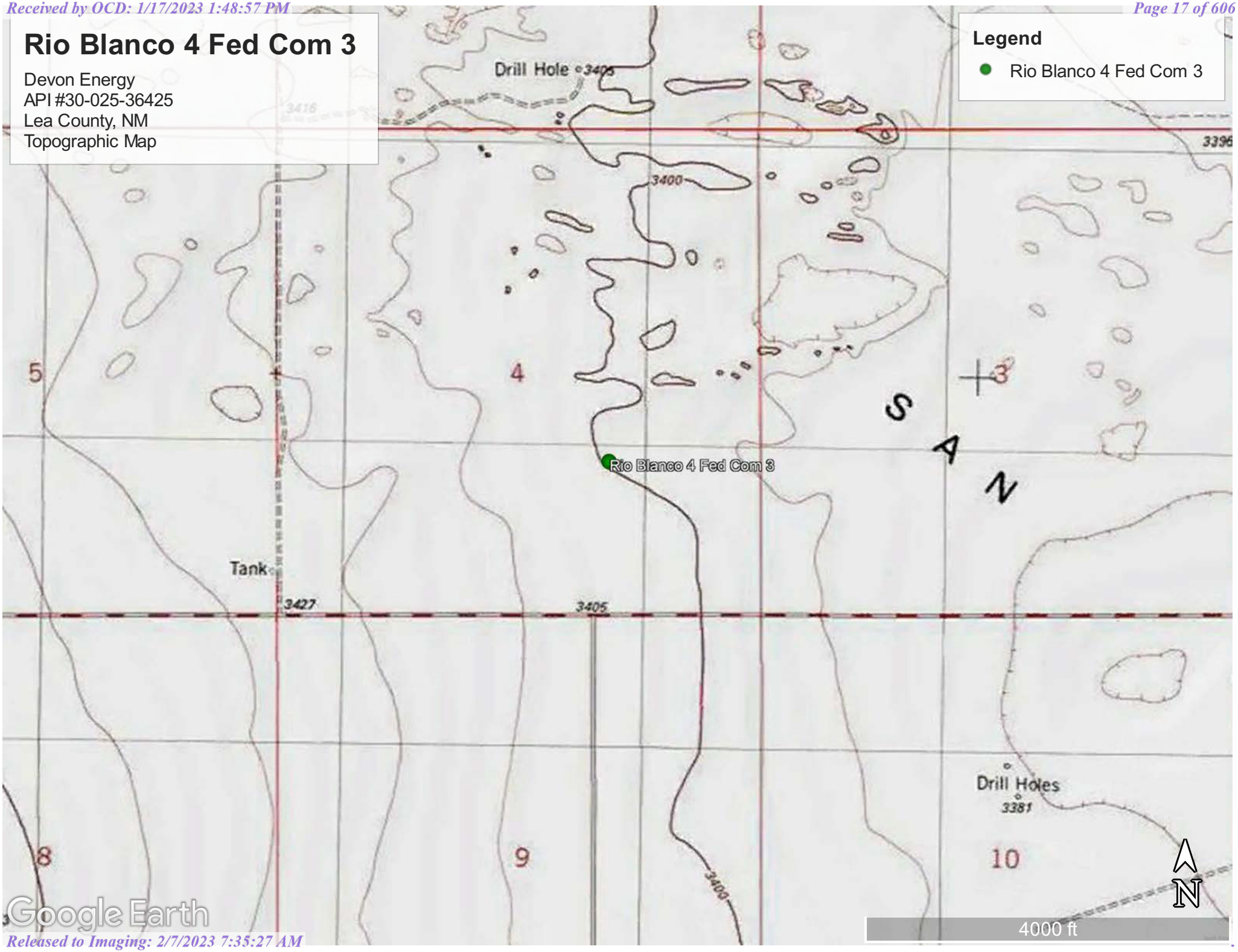
# Rio Blanco 4 Fed Com 3

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

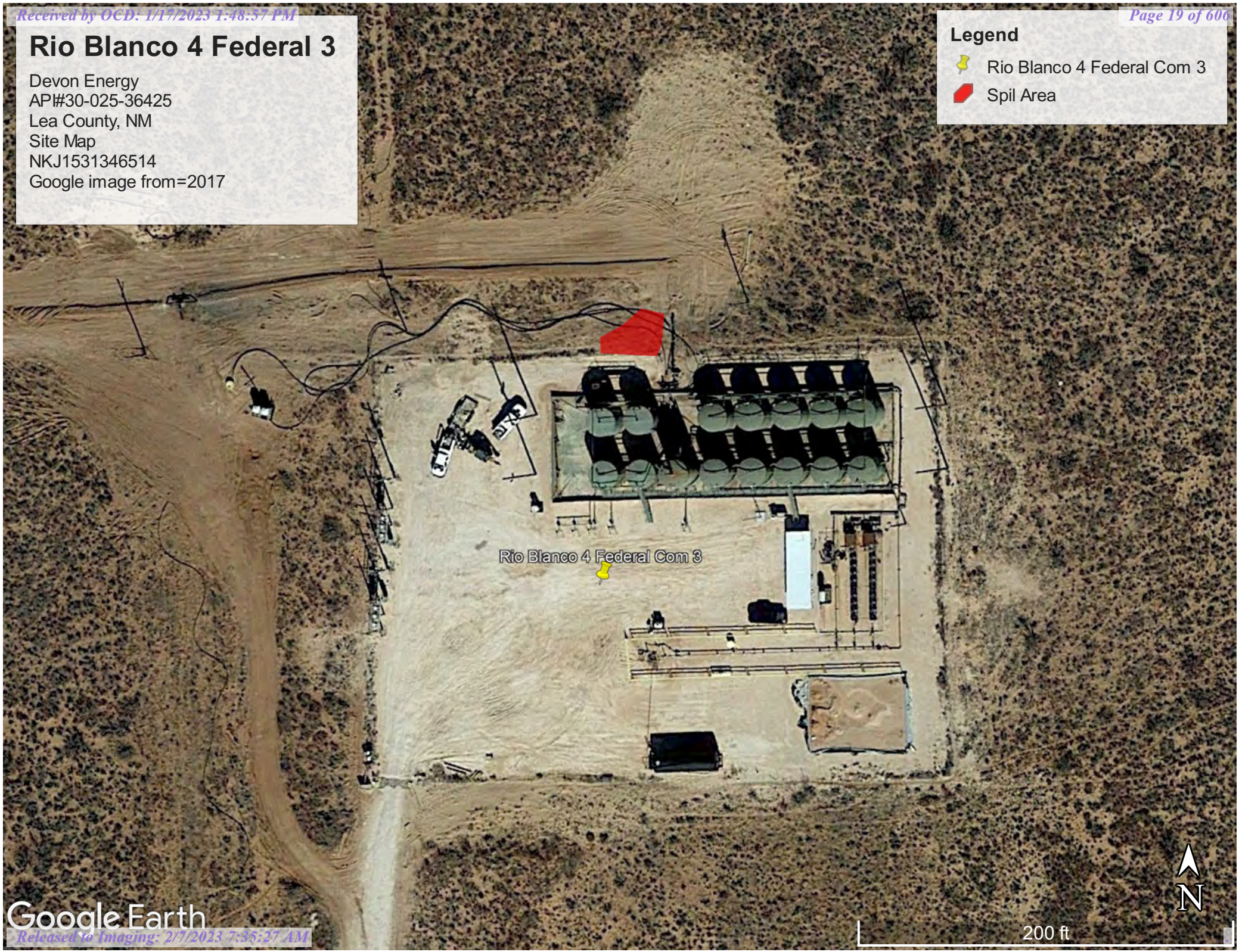


# Rio Blanco 4 Federal 3

Devon Energy
API#30-025-36425
Lea County, NM
Site Map
NKJ1531346514
Google image from=2017

**Legend**

- Rio Blanco 4 Federal Com 3
- Spil Area



# 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

---

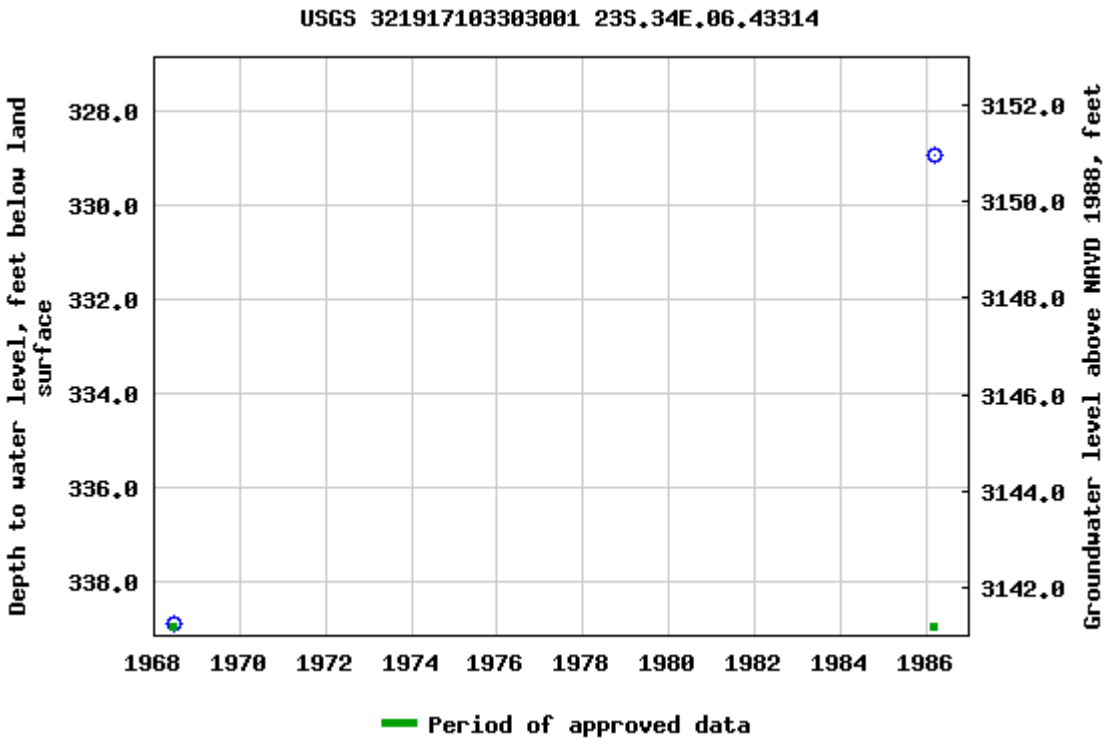
## USGS 321917103303001 23S.34E.06.43314

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

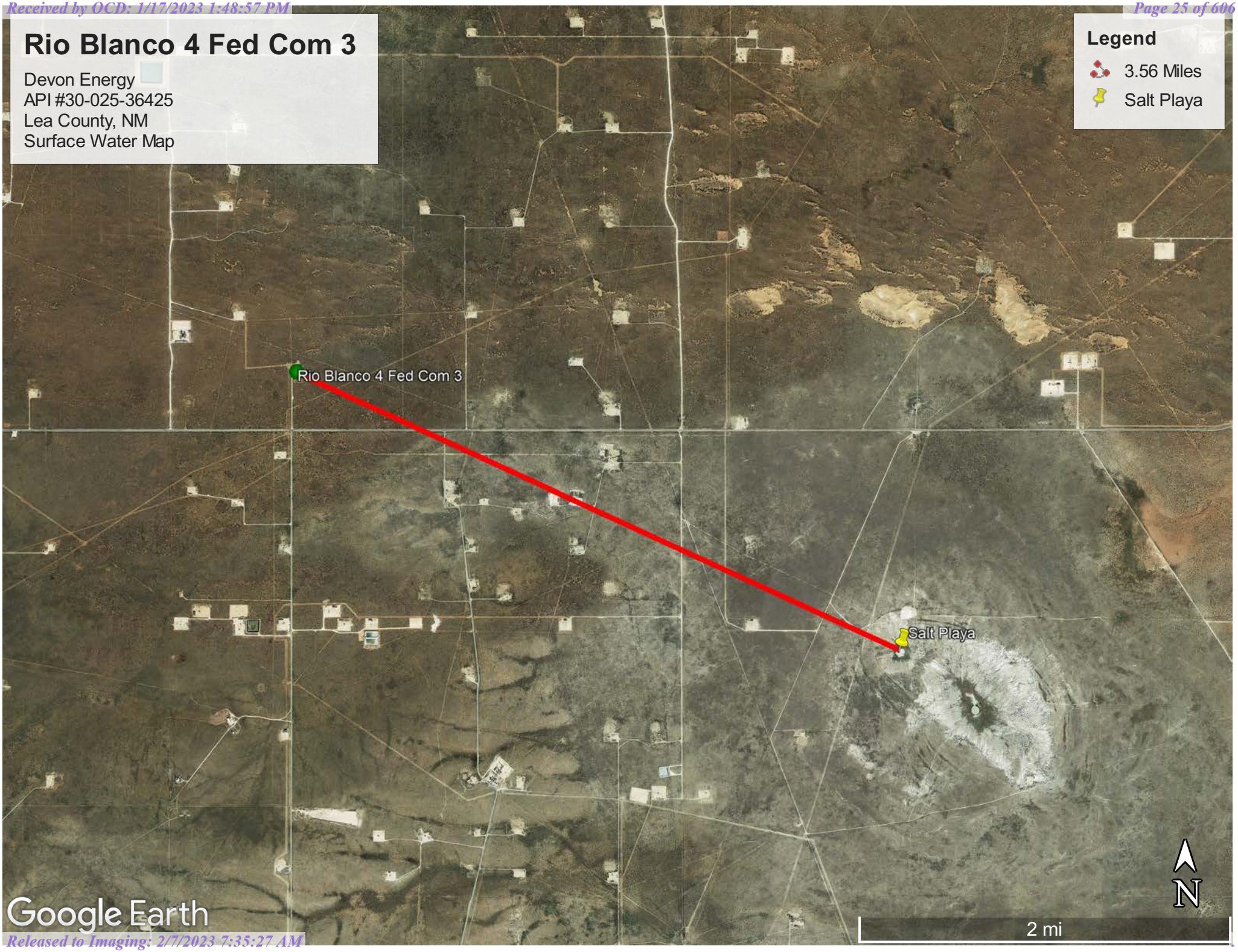
U.S. Department of the Interior | U.S. Geological Survey

**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 1:48:57 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: 2/7/2023 7:35:27 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 1:48:57 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: 2/7/2023 7:35:27 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.

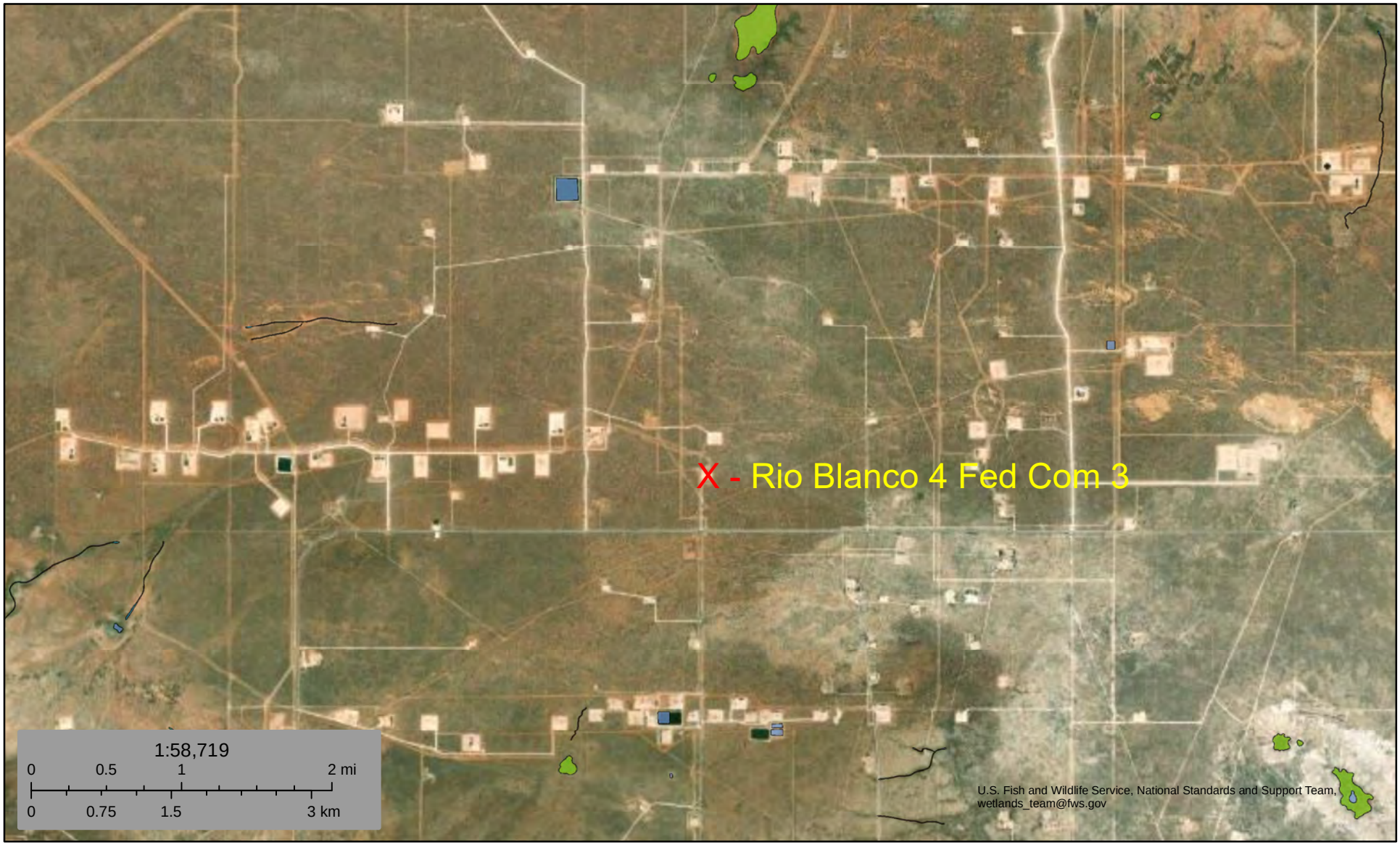
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

# Release Notification and Corrective Action

## OPERATOR

☒ Initial Report ☐ Final Report

| | |
|---|---|
| **Name of Company** Devon Energy Production | **Contact Santiago Huerta Production Assistant Foreman** |
| **Address 6488** Seven Rivers Hwy Artesia, NM 88220 | **Telephone No.** 575.513.0529 |
| **Facility Name** Rio Blanco 4 Fed Com 3 | **Facility Type** SWD |

| | | |
|---|---|---|
| **Surface Owner Private** | **Mineral Owner Federal** | **API No. 30-025-36425** |

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---|---|---|---|---|---|---|---|---|
| J | 4 | 23S | 34E | 1650 | FSL | 1650 | FEL | LEA |

**Latitude:** 32.330944 **Longitude:** -103.471861

## NATURE OF RELEASE

| | | |
|---|---|---|
| **Type of Release Spill** Produced water | **Volume of Release** 10 BBL | **Volume Recovered** 8 BBL |
| **Source of Release** Corrosion on a fitting | **Date and Hour of Occurrence** 9/30/15 at 9:05 am | **Date and Hour of Discovery** 9/30/15 at 9:05 am |
| **Was Immediate Notice Given?** ☒ Yes ☐ No ☐ Not Required | **If YES, To Whom?** Jim Amos BLM | |
| **By Whom?** Santiago Huerta | **Date and Hour** 9/30/15 at 10:00 am | |
| **Was a Watercourse Reached?** ☐ **Yes** ☒ **No** | **If YES, Volume Impacting the Watercourse** **N/A** | |

**If a Watercourse was Impacted, Describe Fully.* N/ A**

**Describe Cause of Problem and Remedial Action Taken.***
**Corrosion on a fitting for the suction line to a water transfer pump caused the fitting to break off, resulting in a spill. Inlet valves were closed and the transfer pump was shut off.**

RECEIVED
By Kellie Jones at 12:53 pm, Nov 09, 2015

**Describe Area Affected and Cleanup Action Taken.**
**8 BBL produced water released and 8 BBL recovered with a 2 BBL spray into the pasture. An environmental company will be called out for remediation.**

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: Jeanette Barron

Printed Name: **Jeanette Barron**

Title: **Field Admin Support**

E-mail Address: **Jeanette.barron@dvn.com**

Date: 11/06/15 Phone: **575.748.1813**

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: **11/09/2015** Expiration Date: **01/09/2016**

Conditions of Approval:
**Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation required.**

Attached ☐
**1RP-3962**

**nKJ1531346514**
**pKJ1531346877**

* Attach Additional Sheets If Necessary

devon

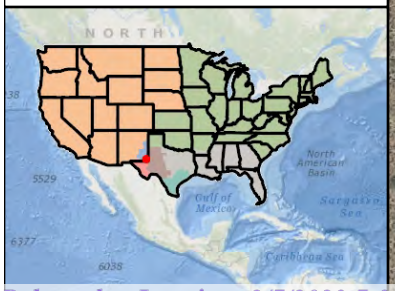
This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by:
Map is current as of: 06-Nov-2015

N

Miles
0 0.01 0.02 0.04
1: 1,779

Devon TDM Wells
TDM Wells (Drilled)
TDM Wells (Proposed)




Rio Blanco 4 Fed Com 3

10 BBL produced water spill & 8 BBL recovered

Lat: 32.330944
Lon: -103.471861



Received by OCD: 1/17/2023 1:48:[illegible] Page 36 of 606



Released to Imaging: 2/7/2023 7:35:27 AM



State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nKJ1531346514 |
| 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 | nKJ1531346514 |
| 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: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nKJ1531346514 |
| 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

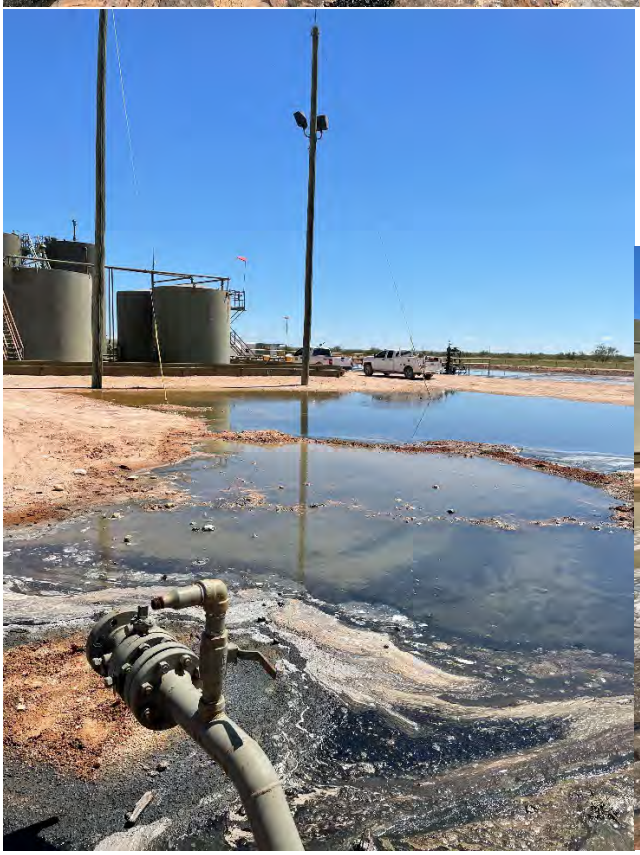
## INITIAL INCIDENT















**SITE ASSESSMENT**







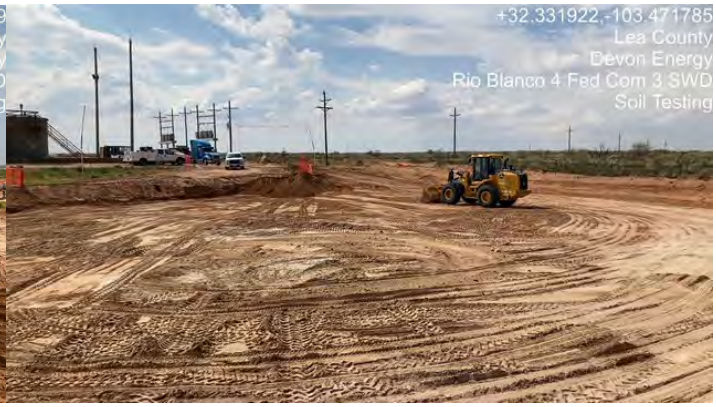
+32.330927,-103.471927
56° NE
Assessment
Devon: Rio Blanco 4 Fed Com 3


+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





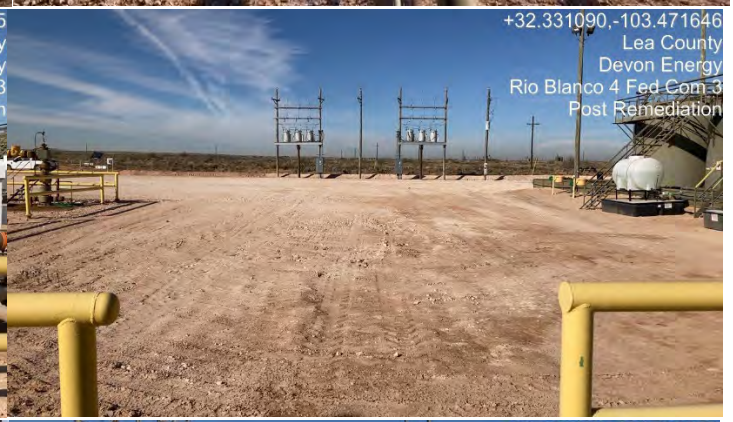
**POST EXCAVATION/REMEDIATION**





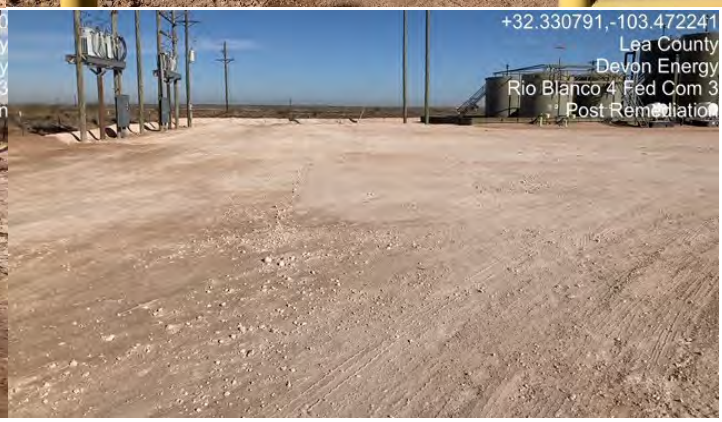











+32.331988,-103.471844
Lea County
Devon Energy
Rio Blanco 4 Fed Com 3
Post Remediation


+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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information

Chain of Custody



| | |
|---|---|
| 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

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 |
|---|---|---|---|---|---|---|---|
| 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 | | |

**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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Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 2 of 4

| | |
|---|---|
| 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: Deana Bruce | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |
| Pima Project # | 1-204 |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| E210084 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 # 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: 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 3 of 4

| | |
|---|---|
| Client: Pima Environmental Services | Bill To |
| Project: Rio Blanco 4 Fed Com 3 | Attention: Dixon 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 01058-0007

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 |
|---|---|---|---|---|---|---|
| 9:40 | 10/6/22 | S | 1 | CS 21 | 21 | |
| 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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Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM



Project Information | Chain of Custody

| | |
|---|---|
| Client: Pima Environmental Services | Bill To |
| Project: Teso Blanco 4 Federal 3 | Attention: Dean Ennis |
| 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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10:35 | 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: KB

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**
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 | 10/20/22 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 3 of 1

| | | | |
|---|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Kid Bland 4 Fed Com 3 | Attention: Devon Energy | Lab WO# E210085 | Job Number 01558-0007 |
| 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: | | | | | | | |

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 | 10/5/22 | S | | CS21 | | X | |
| 9:45 | " | " | | CSW1 | | " | |
| 9:50 | " | " | | CSW2 | | " | |
| 9:55 | " | " | | CSW3 | | " | |
| 10:00 | " | " | | CSW4 | | " | |
| 10:05 | " | " | | CSW5 | | " | |
| 10:10 | " | " | | CSW6 | | " | |
| 10:15 | " | " | | CSW7 | | " | |
| 10:20 | " | " | | CSW8 | | " | |
| 10:25 | " | " | | CSW9 | | " | |

**Additional Instructions:** Billing # 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: 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 | 10/7/22 | 13:00 | | 10-7-22 | 3:50 |
| | 10-7-22 | 4:16 | | 10/8/22 | 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.

envirotech

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 4 of 1

| | |
|---|---|
| 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# E210085 | 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 | 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# 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: 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 |
|---|---|---|---|---|---|
| Alexandria Andres | 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.

envirotech



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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

envirotech Inc.

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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: RIDGEWAY FED COM 3 | Attention: Devon Energy | Lab WO# E210085 | Job Number 01956 0007 | 1D X / 2D / 3D / Standard | CWA / SDWA |
| Project Manager: Tom Bynum | Address: | | | RCRA |
| Address: 5614 N. Lovington Hwy. | 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: | | | | |

| 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 | | RS21 | | | | | | | | X | | |
| 9:45 | " | " | " | RSW01 | | | | | | | | " | | |
| 9:50 | " | " | " | RSW02 | | | | | | | | " | | |
| 9:55 | " | " | " | RSW03 | | | | | | | | " | | |
| 10:00 | " | " | " | RSW04 | | | | | | | | " | | |
| 10:05 | " | " | " | RSW05 | | | | | | | | " | | |
| 10:10 | " | " | " | RSW06 | | | | | | | | " | | |
| 10:15 | " | " | " | RSW07 | | | | | | | | " | | |
| 10:20 | " | " | " | RSW08 | | | | | | | | " | | |
| 10:25 | " | " | " | RSW09 | | | | | | | | " | | |

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 |
| 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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Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10:30 | 10/15/22 | S | | CSW10 | | | | | | | | X | | samples not received |
| 10:35 | " | " | | CSW11 | | | | | | | | " | | Canceled per Client 10/18/22 AK |
| 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 |
|---|---|---|---|---|---|
| [signature] | 10/17/22 | 3:00 | [signature] | 10-17-22 | 3: |
| [signature] | 10-17-22 | 4:15 | [signature] | 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.

envirotech



Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 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: | 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
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**Rayny Hagan**
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 | 10/19/22 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 |

## CSW31

## 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 |

**CSW32**

**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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 |
|---|---|---|---|---|---|
| Andrea 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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Received by OCD: 1/17/2023 1:48:57 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 | |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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. 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 |
|---|---|---|---|---|---|
| | 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 ____

| | | |
|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only |
| Project: Rio Blanco U Fed Com 3 | Attention: Devon Energy | Lab WO# E210086 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 4:1 | | 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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Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 AM

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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.

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Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 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**
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)
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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 | 10/19/22 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 7 of ____

| | | |

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM



**Project Information** | **Chain of Custody**

| | |
|---|---|
| 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 |
|---|---|
| E210087 | 01058-0007 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| Y | | | |

**EPA Program**

| CWA | SDWA | RCRA |
|---|---|---|
| | | |

**State**

| NM | CO | UT | AZ | TX | |
|---|---|---|---|---|---|
| Y | | | | | |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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.

envirotech

# 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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**Lynn Jarboe**
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ljarboe@envirotech-inc.com

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**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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 9 of ____

| | | |
|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only |
| Project: Rio Blanco 4 Fed Com 3 | Attention: Devon | Lab WO# E210088 |
| Project Manager: Tom Bynum | Address: | Job Number 03058-0007 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 | | 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 11:52:22AM

## 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 ____

| | | | |
|---|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Rio Blanco 4 Fed Com 3 | Attention: Devon | Lab WO# E210088 | Job Number 03E58-0007 |
| Project Manager: Tom Bynum | Address: | 1D: X | 2D | 3D | Standard | CWA | SDWA | RCRA |
| 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 | | | | | State: NM X | CO | UT | AZ | TX |
| 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 |
|---|---|---|---|---|---|---|
| 2:40 | 10/15/22 | S | 1 | CSW 60 | 1 | |
| 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: 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: Andrew Reynolds

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 |
| 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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Received by OCD: 1/17/2023 1:48:57 PM
Released to Imaging: 2/7/2023 7:35:27 AM

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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.

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Received by OCD: 1/17/2023 1:48:57 PM
Released to Imaging: 2/7/2023 7:35:27 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**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

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**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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 11 of ____

| | | |

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 |
|---|---|---|---|---|---|
| [signature] | 10/17/22 | 3:00 | [signature] | 10/17/22 | 3:02 |
| [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



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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,

**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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labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

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**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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 13 of ____

| | | |

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page 14 of ____

| | | |

# 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

**Raina Schwanz**
Laboratory Administrator
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labadmin@envirotech-inc.com

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**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 16:55 |

| 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 | | | | EPA Program | |
|---|---|---|---|---|---|
| 1D | 2D | 3D | Standard | CWA | SDWA |
| X | | | | | |
| | | | | | RCRA |
| | | | | | |

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

| 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:** 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.

envirotech


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Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

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 | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Rio Blanco 4 Fed Com 3 | Attention: | Lab WO# E21009l | Job Number 01058-0007 |
| Project Manager: Tom Bynum | Address: | 1D: X | 2D | 3D | Standard |
| Address: 5614 N. Lovington Hwy. | City, State, Zip | 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: | | |

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 |
|---|---|---|---|---|---|---|
| 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: 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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Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 AM

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Project Information | Chain of Custody | Page _____ of _____

10/18/22 CC

| | | | |
|---|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Rio Blanco 4 Fed Com 3 | Attention: | Lab WO# E 210091 | Job Number 01058-0007 |
| Project Manager: Tom Bynum | Address: | 1D: Y | 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: | | | | | | | |

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 |
|---|---|---|---|---|---|---|---|
| 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.

envirotech

Received by OCD: 1/17/2023 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 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: | 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**
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**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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page ____ of ____

| | | |
|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only |
| Project: | Attention: | Lab WO# E210092 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9:05 | 10/15/22 | S | 1 | CS 82 | 1 | | | | | | | | | X | | | | |
| 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 |
|---|---|---|---|---|---|
| | | | | 10-17-22 | 3:07 |
| | 10-17-22 | 4:45 | | 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



Page 356 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |
|---|---|---|
| Client: Pima Environmental Services | **Bill To** | Lab Use Only |
| Project: | Attention: | Lab WO# E210092 |
| Project Manager: Tom Bynum | Address: | Job Number 01058-0007 |
| Address: 1601 N Turner St., Suite 500 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9:55 | 12/15/22 | S | 1 | CS 92 | 11 | | | | | | | | | X | | | | |
| 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.

Page 359 of 606

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# E210092 | 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 |
|---|---|---|---|---|---|---|---|
| 9:05 | 10/15/22 | S | 1 | CS 82 | 1 | X | |
| 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 |
|---|---|---|---|---|---|
| | | | | 10-17-22 | 3:07 |
| | 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

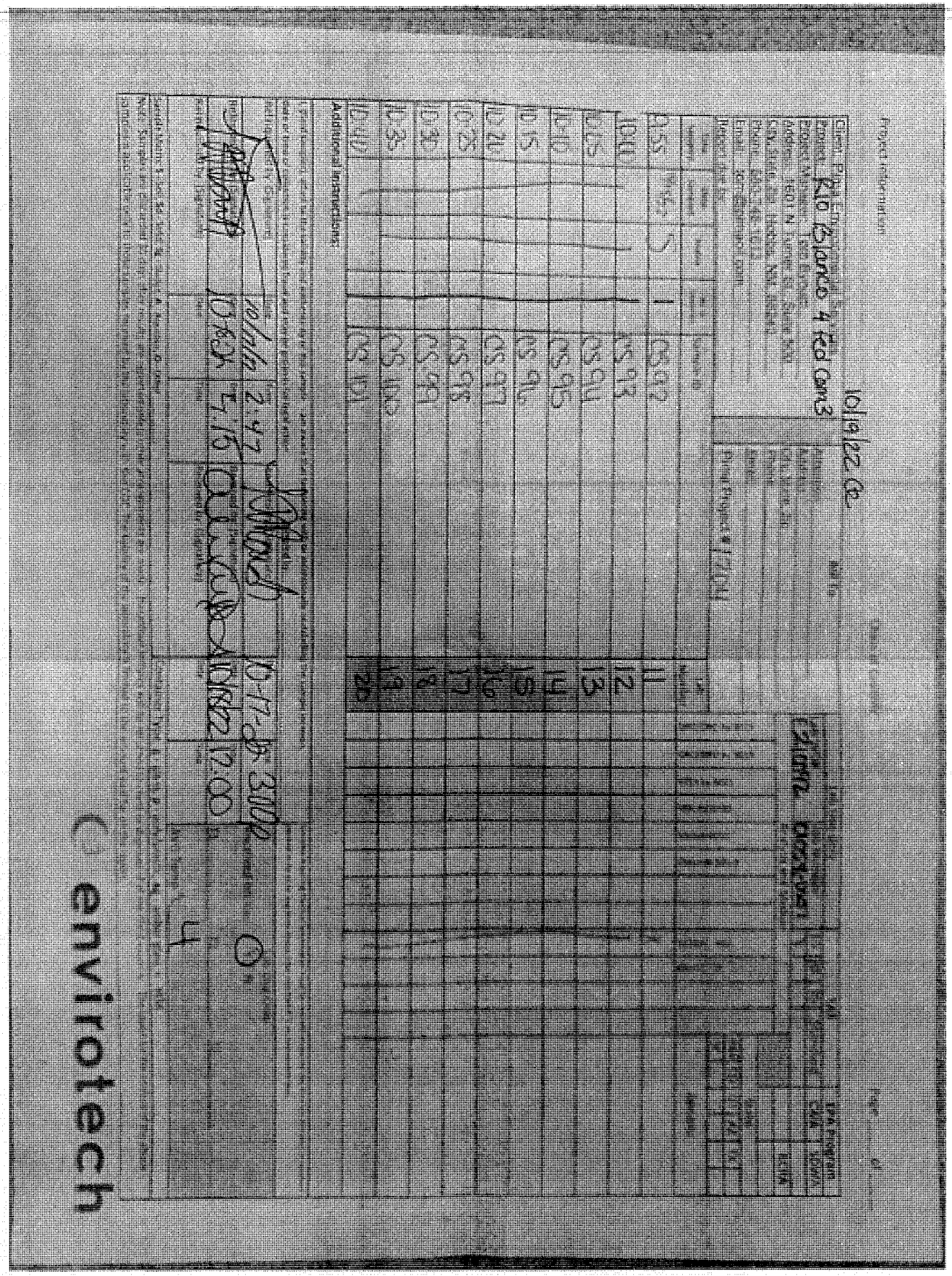
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

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.

envirotech

Received by OCD: 1/17/2023 1:48:57 PM
Released to Imaging: 2/7/2023 7:35:27 AM


10/19/22 GL
Rio Rancho 4 Rd Com3
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**
Laboratory Administrator
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rainaschwanz@envirotech-inc.com

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**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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page _____ of _____

| | | |
|---|---|---|
| Client: Pima Environmental Services | Bill To<br>Attention: Devon | Lab Use Only<br>Lab WO# E210693 |
| Project: | Address: | Job Number 01058-0007 |
| Project Manager: Tom Bynum | City, State, Zip | TAT: 1D X, 2D, 3D, Standard |
| Address: 5614 N. Lovington Hwy. | Phone: | EPA Program: CWA, SDWA, RCRA |
| City, State, Zip Hobbs, NM. 88240 | Email: | State: NM X, CO, UT, AZ, TX |
| Phone: 580-748-1613 | Pima Project # 1-204 | |
| Email: tom@pimaoil.com | | |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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

# 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: | | | | | | | | | | | | | |

| 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 | ~~1~~ | | | | | | | X | | |
| 10:50 | | | | CS 103 | 2 | ~~2~~ | | | | | | | | | |
| 10:55 | | | | CS 104 | 3 | ~~3~~ | | | | | | | | | |
| 11:00 | | | | CS 105 | 4 | ~~4~~ | | | | | | | | | |
| 11:05 | | | | CS 106 | 5 | ~~5~~ | | | | | | | | | |
| 11:10 | | | | CS 107 | 6 | ~~6~~ | | | | | | | | | |
| 11:15 | | | | CS 108 | 7 | ~~7~~ | | | | | | | | | |
| 11:20 | | | | CS 109 | 8 | ~~8~~ | | | | | | | | | |
| 11:25 | | | | CS 110 | 9 | ~~9~~ | | | | | | | | | |
| 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.

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Received by OCD: 1/17/2023 1:48:57 PM
Released to Imaging: 2/7/2023 7:35:27 AM

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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 1:48:57 PM

Released to Imaging: 2/7/2023 7:35:27 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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

Field Offices:

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**Lynn Jarboe**
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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 16:33 |

| 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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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Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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**
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**
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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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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: | Lab WO# E210095 |
| Project Manager: Tom Bynum | Address: | Job Number 01558-0007 |
| 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 # | |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2:05 | 10/15/17 | S | 1 | CS 142 | 1 | | | | | | | X | | |
| 2:10 | " | " | " | CS 143 | 2 | | | | | | | " | | |
| 2:15 | " | " | " | CS 144 | 3 | | | | | | | " | | |
| 2:20 | " | " | " | CS 145 | 4 | | | | | | | " | | |
| 2:25 | " | " | " | CS 146 | 5 | | | | | | | " | | |
| 2:30 | " | " | " | CS 147 | 6 | | | | | | | " | | |
| 2:35 | " | " | " | CS 148 | 7 | | | | | | | " | | |
| 2:40 | " | " | " | CS 149 | 8 | | | | | | | " | | |
| 2:45 | " | " | " | CS 150 | 9 | | | | | | | " | | |
| 2:50 | " | " | " | CS 151 | 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 |
|---|---|---|---|---|---|
| Sandra Sanders | 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 459 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 PM

Project Information | Chain of Custody | Page _____ of _____

| | | | |
|---|---|---|---|
| Client: Pima Environmental Services | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Rio Blanco 4 Fed Com 3 | Attention: | Lab WO# E210095 | Job Number 01C58C0057 |
| 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 | |
| Email: tom@pimaoil.com | Pima Project # 1-204 | | | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2:55 | 10/15/22 | S | 1 | CS 152 | 11 | | | | | | | | | X | | | | |
| 3:00 | " | " | " | CS 153 | 12 | | | | | | | | | " | | | | |
| 3:05 | " | " | " | CS 154 | 13 | | | | | | | | | " | | | | |
| 3:10 | " | " | " | CS 155 | 14 | | | | | | | | | " | | | | |
| 3:15 | " | " | " | CS 156 | 15 | | | | | | | | | " | | | | |
| 3:20 | " | " | " | CS 157 | 16 | | | | | | | | | " | | | | |
| 3:25 | " | " | " | CS 158 | 17 | | | | | | | | | " | | | | |
| 3:30 | " | " | " | CS 159 | 18 | | | | | | | | | " | | | | |
| 3:35 | " | " | " | CS 160 | 19 | | | | | | | | | " | | | | |
| 3:40 | " | " | " | CS 161 | 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 |
|---|---|---|---|---|---|
| Cindy Anderson | | | | 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

# 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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**Rayny Hagan**
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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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 Anderson | 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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
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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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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 |
|---|---|---|---|---|---|
| Sandra | 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 525 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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:

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

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



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# 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
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**Rayny Hagan**
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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 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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 |
|---|---|---|---|---|---|
| [signature] | 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



Page 558 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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.

envirotech



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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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**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 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 |

## BG2

**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: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 602 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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



Page 603 of 606

Released to Imaging: 2/7/2023 7:35:27 AM
Received by OCD: 1/17/2023 1:48:57 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.

envirotech



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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 176749

## CONDITIONS

| | |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137 |
| | Action Number:<br>176749 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| bhall | None | 2/7/2023 |