



Pima Environmental Services, LLC  
1601 N. Turner Ste 500  
Hobbs, NM 88240  
575-964-7740

August 20, 2022

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

Bureau of Land Management  
620 East Green Street  
Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Report**  
**Lindale Frac Booster**  
**API No. N/A**  
**GPS: Latitude 32.036889 Longitude -103.815795**  
**UL "O", Sec. 18, T26S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2120830900**

Pima Environmental Services, LLC (Pima) has been contracted by Mewbourne Oil Company, LLC (Mewbourne) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Lindale Frac Booster (Lindale). The initial C-141 was submitted on July 20, 2021 (Appendix C). This incident was assigned Incident ID NAPP2120830900, by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The Lindale is located approximately nineteen (19) miles east of Malaga, NM. This spill site is in Unit O, Section 18, Township 26S, Range 31E, Latitude 32.036889 Longitude -103.815795, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of the High Plains region. The soil in this area is made up of the Simona-Bippus complex, 0 to 5 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well drained. There is a high potential for karst geology to be present around the Lindale (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 180 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 117 feet BGS. The closest waterway is Red Bluff Reservoir located approximately 8.24 miles to the southwest 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' (High Karst)	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**

**NAPP2120830900:** On July 13, 2021, A pump housing on the booster pump came apart. The released fluids calculated to be approximately 470 barrels (bbls) of produced water. No fluids were able to be recovered from this release.

**Site Assessment and Soil Sampling Results**

On September 1, 2021, Pima personnel mobilized to the site to assess the area. We sampled the affected area along the pipeline ROW. Laboratory results of this sampling event can be found in the following data table. Site Maps can be found in Figure 4.

9-1-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC									N SW-10	0-6"	ND	ND	ND	ND	ND	0	ND
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER									N SW-11	0-6"	ND	ND	ND	ND	ND	0	ND
Date: 9/1/2021 NM Approved Laboratory Results									N SW-12	0-6"	ND	ND	ND	ND	ND	0	ND
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	N SW-13	0-6"	ND	ND	ND	ND	ND	0	ND
S-1	1'	ND	ND	ND	ND	ND	0	12000	N SW-14	0-6"	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	2880	N SW-15	0-6"	ND	ND	ND	ND	ND	0	ND
S-3	1.5'	ND	ND	ND	ND	ND	0	1600	N SW-16	0-6"	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	2000	N SW-17	0-6"	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	3120	N SW-18	0-6"	ND	ND	ND	ND	ND	0	ND
S-6	2'	ND	ND	ND	ND	ND	0	160	N SW-19	0-6"	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	ND	ND	0	160	N SW-20	0-6"	ND	ND	ND	ND	ND	0	32
S-8	1'	ND	ND	ND	ND	ND	0	352	N SW-21	0-6"	ND	ND	ND	ND	ND	0	ND
S-9	1'	ND	ND	ND	ND	ND	0	544	N SW-22	0-6"	ND	ND	ND	ND	ND	0	ND
S-10	1'	ND	ND	ND	ND	ND	0	192	S SW-1	0-6"	ND	ND	ND	ND	ND	0	ND
S-11	1'	ND	ND	ND	ND	ND	0	112	S SW-2	0-6"	ND	ND	ND	ND	ND	0	ND
S-12	3'	ND	ND	ND	ND	ND	0	768	S SW-3	0-6"	ND	ND	ND	ND	ND	0	ND
S-13	3'	ND	ND	ND	ND	ND	0	304	S SW-4	0-6"	ND	ND	ND	ND	ND	0	ND
S-14	3'	ND	ND	ND	ND	ND	0	6640	S SW-5	0-6"	ND	ND	ND	ND	ND	0	ND
S-15	2'	ND	ND	ND	ND	ND	0	416	S SW-6	0-6"	ND	ND	ND	ND	ND	0	ND
S-16	2'	ND	ND	ND	ND	ND	0	32	S SW-7	0-6"	ND	ND	ND	ND	ND	0	ND
S-17	3'	ND	ND	ND	ND	ND	0	784	S SW-8	0-6"	ND	ND	ND	ND	ND	0	ND
S-18	4'	ND	ND	ND	ND	ND	0	48	S SW-9	0-6"	ND	ND	ND	ND	ND	0	ND
S-19	3'	ND	ND	ND	ND	ND	0	1760	S SW-10	0-6"	ND	ND	ND	ND	ND	0	ND
S-20	3'	ND	ND	ND	ND	ND	0	832	S SW-11	0-6"	ND	ND	ND	ND	ND	0	ND
S-21	2'	ND	ND	ND	ND	ND	0	32	S SW-12	0-6"	ND	ND	ND	ND	ND	0	ND
S-22	2'	ND	ND	ND	ND	ND	0	32	S SW-13	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-1	0-6"	ND	ND	ND	ND	ND	0	16	S SW-14	0-6"	ND	ND	ND	ND	ND	0	16
N SW-2	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-15	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-3	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-16	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-4	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-17	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-5	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-18	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-6	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-19	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-7	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-20	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-8	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-21	0-6"	ND	ND	ND	ND	ND	0	ND
N SW-9	0-6"	ND	ND	ND	ND	ND	0	ND	S SW-22	0-6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

**Remediation Activities**

On September 15, 2021, Pima mobilized personnel and equipment to conduct remedial activities. The area along the pipeline ROW was separated into sections and excavated at various depths. Bottom and sidewall composite samples were obtained to ensure that the horizontal and vertical extents of the contamination had been removed. Bio-remediation with SA-1000 then took place. Approximately 1,500 gallons of SA-1000 and water solution was used to treat the contaminated soil. Each section was excavated, laid out in a staging pad of 8"-10" of soil at a time, tilled and treated with the solution 3 times, then was backfilled into the excavation.

On November 10, 2021, Pima personnel returned to the site to collect progress samples from the treated soil. The field sample results from this event can be seen in the following data table.



## 11-10-2021 Field Screen Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER								
Date: 11/10/2021		Field Screen 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'						0	3191
S-2	1'						0	3191
S-3	1.5'						0	1985
S-4	1'						0	1276
S-5	1'						0	1524
S-6	2'						0	2127
S-7	1'						0	993
S-8	1'						0	1914
S-9	1'						0	106
S-10	1'						0	1914
S-11	1'						0	213
S-12	3'						0	191
S-13	3'						0	177

On December 16, 2021, Pima personnel returned to the site to collect more progress samples from the treated soil. The field sample results of this event can be seen in the following data table.

## 12-16-2021 Field Screen Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER								
Date: 12/16/2021		Field Screen 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	Surf							10635
	1'							9922
S-2	Surf							10635
	1'							12195
S-3	Surf							10635
	1.5'							9572
S-4	Surf							10635
	1'							5601
S-5	Surf							10635
	1'							8508
S-6	Surf							10635
	2'							6736
S-7	Surf							10635
	1'							12408
S-8	Surf							10635
	1'							5743
S-9	Surf							10635
	1'							1134
S-10	Surf							10635
	1'							9922
S-11	Surf							10635
	1'							4254
S-12	Surf							10635
	3'							3332
S-13	Surf							10635
	3'							993

It was evident that the chemical treatment with SA-1000 did NOT work in neutralizing the contamination.

On February 22, 2022, Pima personnel returned to the site to begin excavating all of the treated soil, and any other contamination that could be found.

On March 3, 4, & 19, 2022, after sending a 48-hour notification, Pima personnel began collecting confirmation samples from the excavation that represented the areas previously treated by the SA-1000 bio-remediation. Several sample points were still contaminated from the 3<sup>rd</sup> and 4<sup>th</sup> collections. Further excavation took place, and absolute confirmation was obtained on the 19<sup>th</sup>. The results of these sampling events can be seen in the following data tables.

## 3-3-2022 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC									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
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER																	
Date: 3-3-22		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-31	1'	ND	ND	ND	ND	ND	0	529
									CS-32	1'	ND	ND	ND	ND	ND	0	390
SW-1 East	1.5'	ND	ND	ND	ND	ND	0	630	CS-33	1'	ND	ND	ND	ND	ND	0	423
SW-2 South	1'	ND	ND	ND	ND	ND	0	612	CS-34	1'	ND	ND	ND	ND	ND	0	552
SW-3 North	1'	ND	ND	ND	ND	ND	0	509	CS-35	1'	ND	ND	ND	ND	ND	0	670
SW-4 South	1'	ND	ND	ND	ND	ND	0	499	CS-36	1'	ND	ND	ND	ND	ND	0	1060
SW-5 North	1'	ND	ND	ND	ND	ND	0	645	CS-37	1'	ND	ND	ND	ND	ND	0	659
SW-6 South	1'	ND	ND	ND	ND	ND	0	679	CS-38	1'	ND	ND	ND	ND	ND	0	543
SW-7 North	1.5'	ND	ND	ND	ND	ND	0	465	CS-39	1'	ND	ND	ND	ND	ND	0	677
CS-1	1.5'	ND	ND	ND	ND	ND	0	728	CS-40	1'	ND	ND	ND	ND	ND	0	661
CS-2	1.5'	ND	ND	ND	ND	ND	0	697	CS-41	1'	ND	ND	ND	ND	ND	0	645
CS-3	1.5'	ND	ND	ND	ND	ND	0	662	CS-42	1'	ND	ND	ND	ND	ND	0	539
CS-4	1.5'	ND	ND	ND	ND	ND	0	646	CS-43	1'	ND	ND	ND	ND	ND	0	516
CS-5	1.5'	ND	ND	ND	ND	ND	0	635	CS-44	1'	ND	ND	ND	ND	ND	0	641
CS-6	1.5'	ND	ND	ND	ND	ND	0	620	CS-45	1'	ND	ND	ND	ND	ND	0	663
CS-7	1'	ND	ND	ND	ND	ND	0	631	CS-46	1'	ND	ND	ND	ND	ND	0	287
CS-8	1'	ND	ND	ND	ND	ND	0	610	CS-47	1'	ND	ND	ND	ND	ND	0	522
CS-9	1'	ND	ND	ND	ND	ND	0	662	CS-48	1'	ND	ND	ND	ND	ND	0	665
CS-10	1'	ND	ND	ND	ND	ND	0	644	CS-49	1'	ND	ND	ND	ND	ND	0	653
CS-11	1'	ND	ND	ND	ND	ND	0	649	CS-50	1'	ND	ND	ND	ND	ND	0	531
CS-12	1'	ND	ND	ND	ND	ND	0	686	CS-51	1'	ND	ND	ND	ND	ND	0	403
CS-13	1'	ND	ND	ND	ND	ND	0	535	CS-52	1'	ND	ND	ND	ND	ND	0	668
CS-14	1'	ND	ND	ND	ND	ND	0	634	CS-53	1'	ND	ND	ND	ND	ND	0	667
CS-15	1'	ND	ND	ND	ND	ND	0	607	CS-54	1'	ND	ND	ND	ND	ND	0	625
CS-16	1'	ND	ND	ND	ND	ND	0	638	CS-55	1'	ND	ND	ND	ND	ND	0	621
CS-17	1'	ND	ND	ND	ND	ND	0	633	CS-56	1'	ND	ND	ND	ND	ND	0	663
CS-18	1'	ND	ND	ND	ND	ND	0	498	CS-57	1'	ND	ND	ND	ND	ND	0	648
CS-19	1'	ND	ND	ND	ND	ND	0	464	CS-58	1'	ND	ND	ND	ND	ND	0	640
CS-20	1'	ND	ND	ND	ND	ND	0	634	CS-59	1'	ND	ND	ND	ND	ND	0	495
CS-21	1'	ND	ND	ND	ND	ND	0	598	CS-60	1'	ND	ND	ND	ND	ND	0	682
CS-22	1'	ND	ND	ND	ND	ND	0	611	CS-61	1.5'	ND	ND	ND	ND	ND	0	640
CS-23	1'	ND	ND	ND	ND	ND	0	673	CS-62	1.5'	ND	ND	ND	ND	ND	0	692
CS-24	1'	ND	ND	ND	ND	ND	0	543	CS-63	1.5'	ND	ND	ND	ND	ND	0	628
CS-25	1'	ND	ND	ND	ND	ND	0	491	CS-64	1.5'	ND	ND	ND	ND	ND	0	619
CS-26	1'	ND	ND	ND	ND	ND	0	629									
CS-27	1'	ND	ND	ND	ND	ND	0	407									
CS-28	1'	ND	ND	ND	ND	ND	0	492									
CS-29	1'	ND	ND	ND	ND	ND	0	641									
CS-30	1'	ND	ND	ND	ND	ND	0	632									

## 3-4-2022 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC									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
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER																	
Date: 3-4-22		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-97	3'	ND	ND	ND	ND	ND	0	1010
SW-8 South	4'	ND	ND	ND	ND	ND	0	916	CS-98	3'	ND	ND	ND	ND	ND	0	1020
SW-9 North	2.5'	ND	ND	ND	ND	ND	0	596	CS-99	3'	ND	ND	ND	ND	ND	0	661
SW-10 South	2'	ND	ND	ND	ND	ND	0	623	CS-100	3'	ND	ND	ND	ND	ND	0	918
SW-11 North	2'	ND	ND	ND	ND	ND	0	748	CS-101	3'	ND	ND	ND	ND	ND	0	669
SW-12 South	1'	ND	ND	ND	ND	ND	0	966	CS-102	3'	ND	ND	ND	ND	ND	0	632
SW-13 North	1'	ND	ND	ND	ND	ND	0	612	CS-103	2'	ND	ND	ND	ND	ND	0	891
SW-14 West	1'	ND	ND	ND	ND	ND	0	769	CS-104	2'	ND	ND	ND	ND	ND	0	996
CS-65	1.5'	ND	ND	ND	ND	ND	0	803	CS-105	2'	ND	ND	ND	ND	ND	0	965
CS-66	1.5'	ND	ND	ND	ND	ND	0	792	CS-106	2'	ND	ND	ND	ND	ND	0	664
CS-67	3'	ND	ND	ND	ND	ND	0	649	CS-107	2'	ND	ND	ND	ND	ND	0	762
CS-68	3'	ND	ND	ND	ND	ND	0	976	CS-108	2'	ND	ND	ND	ND	ND	0	927
CS-69	3'	ND	ND	ND	ND	ND	0	825	CS-109	2'	ND	ND	ND	ND	ND	0	961
CS-70	3'	ND	ND	ND	ND	ND	0	961	CS-110	2'	ND	ND	ND	ND	ND	0	684
CS-71	3'	ND	ND	ND	ND	ND	0	612	CS-111	2'	ND	ND	ND	ND	ND	0	770
CS-72	3'	ND	ND	ND	ND	ND	0	757	CS-112	2'	ND	ND	ND	ND	ND	0	738
CS-74	4'	ND	ND	ND	ND	ND	0	942	CS-113	2'	ND	ND	ND	ND	ND	0	837
CS-75	4'	ND	ND	ND	ND	ND	0	803	CS-114	2'	ND	ND	ND	ND	ND	0	667
CS-76	4'	ND	ND	ND	ND	ND	0	657	CS-115	2'	ND	ND	ND	ND	ND	0	637
CS-77	4'	ND	ND	ND	ND	ND	0	670	CS-116	2'	ND	ND	ND	ND	ND	0	635
CS-78	4'	ND	ND	ND	ND	ND	0	830	CS-117	2'	ND	ND	ND	ND	ND	0	957
CS-79	3'	ND	ND	ND	ND	ND	0	937	CS-118	2'	ND	ND	ND	ND	ND	0	954
CS-80	3'	ND	ND	ND	ND	ND	0	955	CS-119	1'	ND	ND	ND	ND	ND	0	763
CS-81	3'	ND	ND	ND	ND	ND	0	921	CS-120	1'	ND	ND	ND	ND	ND	0	748
CS-82	3'	ND	ND	ND	ND	ND	0	829	CS-121	1'	ND	ND	ND	ND	ND	0	655
CS-83	3'	ND	ND	ND	ND	ND	0	995	CS-122	1'	ND	ND	ND	ND	ND	0	647
CS-84	3'	ND	ND	ND	ND	ND	0	800	CS-123	1'	ND	ND	ND	ND	ND	0	971
CS-85	1'	ND	ND	ND	ND	ND	0	603	CS-124	1'	ND	ND	ND	ND	ND	0	776
CS-86	1'	ND	ND	ND	ND	ND	0	815	CS-125	1'	ND	ND	ND	ND	ND	0	618
CS-87	1'	ND	ND	ND	ND	ND	0	842	CS-126	1'	ND	ND	ND	ND	ND	0	964
CS-88	1'	ND	ND	ND	ND	ND	0	1130	CS-127	1'	ND	ND	ND	ND	ND	0	675
CS-89	1'	ND	ND	ND	ND	ND	0	727	CS-128	1'	ND	ND	ND	ND	ND	0	1040
CS-90	1'	ND	ND	ND	ND	ND	0	1030									
CS-91	2.5'	ND	ND	ND	ND	ND	0	679									
CS-92	2.5'	ND	ND	ND	ND	ND	0	1020									
CS-93	2.5'	ND	ND	ND	ND	ND	0	1020									
CS-94	2.5'	ND	ND	ND	ND	ND	0	859									
CS-95	2.5'	ND	ND	ND	ND	ND	0	663									
CS-96	2.5'	ND	ND	ND	ND	ND	0	672									



## 3-19-2022 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC									Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER																	
Date: 3-19-22		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	CI mg/kg									
									CS61	2.5'	ND	ND	ND	ND	ND	0	129
									CS62	2.5'	ND	ND	ND	ND	ND	0	54.5
									CS63	2.5'	ND	ND	ND	ND	ND	0	97.3
									CS64	2.5'	ND	ND	ND	ND	ND	0	99.4
CS1	2'	ND	ND	ND	ND	ND	0	159	CS65	2.5'	ND	ND	ND	ND	ND	0	98.1
CS2	2'	ND	ND	ND	ND	ND	0	164	CS66	2.5'	ND	ND	ND	ND	ND	0	53.8
CS3	2'	ND	ND	ND	ND	ND	0	166	CS67	4'	ND	ND	ND	ND	ND	0	99.4
CS4	2'	ND	ND	ND	ND	ND	0	183	CS68	4'	ND	ND	ND	ND	ND	0	28.7
CS5	2'	ND	ND	ND	ND	ND	0	352	CS69	4'	ND	ND	ND	ND	ND	0	166
CS6	2'	ND	ND	ND	ND	ND	0	458	CS70	4'	ND	ND	ND	ND	ND	0	136
CS7	2'	ND	ND	ND	ND	ND	0	161	CS71	4'	ND	ND	ND	ND	ND	0	ND
CS8	2'	ND	ND	ND	ND	ND	0	164	CS72	4'	ND	ND	ND	ND	ND	0	ND
CS9	2'	ND	ND	ND	ND	ND	0	404	CS73	4.5'	ND	ND	ND	ND	ND	0	148
CS10	2'	ND	ND	ND	ND	ND	0	411	CS74	4.5'	ND	ND	ND	ND	ND	0	151
CS11	2'	ND	ND	ND	ND	ND	0	448	CS75	4.5'	ND	ND	ND	ND	ND	0	136
CS12	2'	ND	ND	ND	ND	ND	0	466	CS76	4.5'	ND	ND	ND	ND	ND	0	122
CS14	2'	ND	ND	ND	ND	ND	0	494	CS77	4.5'	ND	ND	ND	ND	ND	0	228
CS15	2'	ND	ND	ND	ND	ND	0	441	CS78	4.5'	ND	ND	ND	ND	ND	0	ND
CS16	2'	ND	ND	ND	ND	ND	0	476	CS79	3.5'	ND	ND	ND	ND	ND	0	ND
CS17	2'	ND	ND	ND	ND	ND	0	435	CS80	3.5'	ND	ND	ND	ND	ND	0	ND
CS20	2'	ND	ND	ND	ND	ND	0	349	CS81	3.5'	ND	ND	ND	ND	ND	0	272
CS22	2'	ND	ND	ND	ND	ND	0	401	CS82	3.5'	ND	ND	ND	ND	ND	0	227
CS23	2'	ND	ND	ND	ND	ND	0	366	CS83	3.5'	ND	ND	ND	ND	ND	0	246
CS26	2'	ND	ND	ND	ND	ND	0	438	CS84	3.5'	ND	ND	ND	ND	ND	0	101
CS29	2'	ND	ND	ND	ND	ND	0	597	CS85	2'	ND	ND	ND	ND	ND	0	85.3
CS30	2'	ND	ND	ND	ND	ND	0	579	CS86	2'	ND	ND	ND	ND	ND	0	101
CS35	2'	ND	ND	ND	ND	ND	0	581	CS87	2'	ND	ND	ND	ND	ND	0	330
CS36	2'	ND	ND	ND	ND	ND	0	555	CS88	2'	ND	ND	ND	ND	ND	0	118
CS37	2'	ND	ND	ND	ND	ND	0	81.2	CS89	2'	ND	ND	ND	ND	ND	0	20.8
CS39	2'	ND	ND	ND	ND	ND	0	86.9	CS90	2'	ND	ND	ND	ND	ND	0	20.8
CS40	2'	ND	ND	ND	ND	ND	0	523	CS91	3'	ND	ND	ND	ND	ND	0	191
CS41	2'	ND	ND	ND	ND	ND	0	101	CS92	3'	ND	ND	ND	ND	ND	0	150
CS44	2'	ND	ND	ND	ND	ND	0	103	CS93	3'	ND	ND	ND	ND	ND	0	104
CS45	2'	ND	ND	ND	ND	ND	0	30.8	CS94	3'	ND	ND	ND	ND	ND	0	20.9
CS48	2'	ND	ND	ND	ND	ND	0	581	CS95	3'	ND	ND	ND	ND	ND	0	175
CS49	2'	ND	ND	ND	ND	ND	0	24.8	CS96	3'	ND	ND	ND	ND	ND	0	201
CS52	2'	ND	ND	ND	ND	ND	0	593	CS97	4'	ND	ND	ND	ND	ND	0	213
CS53	2'	ND	ND	ND	ND	ND	0	626	CS98	4'	ND	ND	ND	ND	ND	0	31.3
CS54	2'	ND	ND	ND	ND	ND	0	97.2	CS99	4'	ND	ND	ND	ND	ND	0	204
CS55	2'	ND	ND	ND	ND	ND	0	225	CS100	4'	ND	ND	ND	ND	ND	0	185
CS56	2'	ND	ND	ND	ND	ND	0	27									
CS57	2'	ND	ND	ND	ND	ND	0	194									
CS58	2'	ND	ND	ND	ND	ND	0	232									
CS60	2'	ND	ND	ND	ND	ND	0	117									

Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS101	4'	ND	ND	ND	ND	ND	0	207
CS102	4'	ND	ND	ND	ND	ND	0	133
CS103	2.5'	ND	ND	ND	ND	ND	0	148
CS104	2.5'	ND	ND	ND	ND	ND	0	163
CS105	2.5'	ND	ND	ND	ND	ND	0	130
CS106	2.5'	ND	ND	ND	ND	ND	0	332
CS107	2.5'	ND	ND	ND	ND	ND	0	228
CS108	2.5'	ND	ND	ND	ND	ND	0	78
CS109	2.5'	ND	ND	ND	ND	ND	0	90.8
CS110	2.5'	ND	ND	ND	ND	ND	0	94.2
CS111	2.5'	ND	ND	ND	ND	ND	0	128
CS112	2.5'	ND	ND	ND	ND	ND	0	140
CS113	3'	ND	ND	ND	ND	ND	0	222
CS114	3'	ND	ND	ND	ND	ND	0	272
CS115	3'	ND	ND	ND	ND	ND	0	351
CS116	3'	ND	ND	ND	ND	ND	0	304
CS117	3'	ND	ND	ND	ND	ND	0	ND
CS118	3'	ND	ND	ND	ND	ND	0	203
CS119	2'	ND	ND	ND	ND	ND	0	202
CS120	2'	ND	ND	ND	ND	ND	0	304
CS121	2'	ND	ND	ND	ND	ND	0	198
CS122	2'	ND	ND	ND	ND	ND	0	ND
CS123	2'	ND	ND	ND	ND	ND	0	ND
CS124	2'	ND	ND	ND	ND	ND	0	ND
CS125	2'	ND	ND	ND	ND	ND	0	ND
CS126	2'	ND	ND	ND	ND	ND	0	251
CS127	2'	ND	ND	ND	ND	ND	0	298
CS128	2'	ND	ND	ND	ND	ND	0	285
SW 1 East	2'	ND	ND	ND	ND	ND	0	574
SW 2 South	2'	ND	ND	ND	ND	ND	0	526
SW 5 North	2'	ND	ND	ND	ND	ND	0	579
SW 6 South	2'	ND	ND	ND	ND	ND	0	744
SW 8 South	3.5'	ND	ND	ND	ND	ND	0	507
SW 10 South	4'	ND	ND	ND	ND	ND	0	453
SW 11 North	4'	ND	ND	ND	ND	ND	0	410
SW 12 South	2'	ND	ND	ND	ND	ND	0	420
SW 13 North	3'	ND	ND	ND	ND	ND	0	116
SW 14 West	2'	ND	ND	ND	ND	ND	0	283

ND – Analyte Not Detected



On April 6, 2022, after further excavation of the SW 6 South area, Pima personnel returned to the site to collect a confirmation sample of this area. The results of this sampling event can be seen in the following data table.

#### 4-6-2022 Confirmation Soil Sampling Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC 50<								
Mewbourne Oil Company- Lindale 12 Booster Riser								
Date 4-6-22		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
SW-6	6"	ND	ND	ND	ND	ND	0	535

ND – Analyte Not Detected

On July 12, 2022, after finding more areas that contained contaminated soil, Pima personnel returned to the site to further excavate these new areas. Approximately 20,000 square feet to the north and east of the original excavation was excavated to depths ranging from 6" to 2' bgs.

On July 14, 2022, Pima personnel began collecting confirmation samples of this new area as activities continued. The results of this sampling event can be seen in the following data table. Photographic Documentation can be found in Appendix D.

#### 7-14-2022 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC									S-38 B		ND	ND	ND	ND	ND	0	ND
MEWBOURNE PRODUCTION COMPANY - LINDALE 12 BOOSTER RISER									S-39 B		ND	ND	ND	ND	ND	0	ND
7/14/2022		NM Approved Laboratory Results							S-40 B		ND	ND	ND	ND	ND	0	ND
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-41 B		ND	ND	ND	ND	ND	0	ND
S-1 B		ND	ND	ND	ND	ND	0	23	S-42 B		ND	ND	ND	ND	ND	0	ND
S-2 B		ND	ND	ND	ND	ND	0	ND	S-43 B		ND	ND	ND	ND	ND	0	ND
S-3 B		ND	ND	ND	ND	ND	0	31.1	S-44 B		ND	ND	ND	ND	ND	0	ND
S-4 B		ND	ND	ND	ND	ND	0	25.4	S-45 B		ND	ND	ND	ND	ND	0	ND
S-5 B		ND	ND	ND	ND	ND	0	22.1	S-46 B		ND	ND	ND	ND	ND	0	ND
S-6 B		ND	ND	ND	ND	ND	0	ND	S-47 B		ND	ND	ND	ND	ND	0	ND
S-7 B		ND	ND	ND	ND	ND	0	ND	S-48 B		ND	ND	ND	ND	ND	0	ND
S-8 B		ND	ND	ND	ND	ND	0	ND	S-49 B		ND	ND	ND	ND	ND	0	ND
S-9 B		ND	ND	ND	ND	ND	0	ND	S-50 B		ND	ND	ND	ND	ND	0	ND
S-10 B		ND	ND	ND	ND	ND	0	ND	S-51 B		ND	ND	ND	ND	ND	0	ND
S-11 B		ND	ND	ND	ND	ND	0	ND	S-52 B		ND	ND	ND	ND	ND	0	ND
S-12 B		ND	ND	ND	ND	ND	0	ND	S-53 B		ND	ND	ND	ND	ND	0	ND
S-13 B		ND	ND	ND	ND	ND	0	ND	S-54 B		ND	ND	ND	ND	ND	0	ND
S-14 B		ND	ND	ND	ND	ND	0	ND	S-55 B		ND	ND	ND	ND	ND	0	ND
S-15 B		ND	ND	ND	ND	ND	0	ND	S-56 B		ND	ND	ND	ND	ND	0	ND
S-16 B		ND	ND	ND	ND	ND	0	ND	S-57 B		ND	ND	ND	ND	ND	0	ND
S-17 B		ND	ND	ND	ND	ND	0	ND	S-58 B		ND	ND	ND	ND	ND	0	ND
S-18 B		ND	ND	ND	ND	ND	0	ND	S-59 B		ND	ND	ND	ND	ND	0	ND
S-19 B		ND	ND	ND	ND	ND	0	ND	S-60 B		ND	ND	ND	ND	ND	0	ND
S-20 B		ND	ND	ND	ND	ND	0	ND	S-61 B		ND	ND	ND	ND	ND	0	ND
S-21 B		ND	ND	ND	ND	ND	0	20.8	S-62 B		ND	ND	ND	ND	ND	0	ND
S-22 B		ND	ND	ND	ND	ND	0	21	S-63 B		ND	ND	ND	ND	ND	0	ND
S-23 B		ND	ND	ND	ND	ND	0	ND	S-64 B		ND	ND	ND	ND	ND	0	ND
S-24 B		ND	ND	ND	ND	ND	0	ND	S-65 B		ND	ND	ND	ND	ND	0	ND
S-25 B		ND	ND	ND	ND	ND	0	ND	S-66 B		ND	ND	ND	ND	ND	0	ND
S-26 B		ND	ND	ND	ND	ND	0	ND	S-67 B		ND	ND	ND	ND	ND	0	ND
S-27 B		ND	ND	ND	ND	ND	0	ND	S-68 B		ND	ND	ND	ND	ND	0	ND
S-28 B		ND	ND	ND	ND	ND	0	ND	S-69 B		ND	ND	ND	ND	ND	0	ND
S-29 B		ND	ND	ND	ND	ND	0	ND	S-70 B		ND	ND	ND	ND	ND	0	ND
S-30 B		ND	ND	ND	ND	ND	0	ND	S-71 B		ND	ND	ND	ND	ND	0	ND
S-31 B		ND	ND	ND	ND	ND	0	ND	S-72 B		ND	ND	ND	ND	ND	0	ND
S-32 B		ND	ND	ND	ND	ND	0	ND	S-73 B		ND	ND	ND	ND	ND	0	ND
S-33 B		ND	ND	ND	ND	ND	0	ND	S-74 B		ND	ND	ND	ND	ND	0	ND
S-34 B		ND	ND	ND	ND	ND	0	ND	S-75 B		ND	ND	ND	ND	ND	0	ND
S-35 B		ND	ND	ND	ND	ND	0	ND	S-76 B		ND	ND	ND	ND	ND	0	ND
S-36 B		ND	ND	ND	ND	ND	0	ND	S-77 B		ND	ND	ND	ND	ND	0	ND
S-37 B		ND	ND	ND	ND	ND	0	ND	S-78 B		ND	ND	ND	ND	ND	0	ND
									S-79 B		ND	ND	ND	ND	ND	0	ND

S-80 B		ND	ND	ND	ND	ND	0	ND
S-81 B		ND	ND	ND	ND	ND	0	ND
S-82 B		ND	ND	ND	ND	ND	0	ND
S-83 B		ND	ND	ND	ND	ND	0	ND
S-84 B		ND	ND	ND	ND	ND	0	ND
S-85 B		ND	ND	ND	ND	ND	0	ND
S-86 B		ND	ND	ND	ND	ND	0	ND
S-87 B		ND	ND	ND	ND	ND	0	ND
S-88 B		ND	ND	ND	ND	ND	0	ND
S-89 B		ND	ND	ND	ND	ND	0	ND
S-90 B		ND	ND	ND	ND	ND	0	ND
S-91 B		ND	ND	ND	ND	ND	0	ND
S-92 B		ND	ND	ND	ND	ND	0	ND
S-93 B		ND	ND	ND	ND	ND	0	ND
S-94 B		ND	ND	ND	ND	ND	0	ND
S-95 B		ND	ND	ND	ND	ND	0	ND
SWN 1		ND	ND	ND	ND	ND	0	ND
SWN 2		ND	ND	ND	ND	ND	0	ND
SWN 3		ND	ND	ND	ND	ND	0	ND
SWN 4		ND	ND	ND	ND	ND	0	ND
SWN 5		ND	ND	ND	ND	ND	0	ND
SWN 6		ND	ND	ND	ND	ND	0	ND
SWN 7		ND	ND	ND	ND	ND	0	ND
SWN 8		ND	ND	ND	ND	ND	0	ND
SWN 9		ND	ND	ND	ND	ND	0	ND
SWN 10		ND	ND	ND	ND	ND	0	ND
SWN 11		ND	ND	ND	ND	ND	0	ND
SWN 12		ND	ND	ND	ND	ND	0	ND
SWN 13		ND	ND	ND	ND	ND	0	ND
SWN 14		ND	ND	ND	ND	ND	0	ND
SWN 15		ND	ND	ND	ND	ND	0	ND
SWN 16		ND	ND	ND	ND	ND	0	ND
SWN 17		ND	ND	ND	ND	ND	0	ND
SWN 18		ND	ND	ND	ND	ND	0	ND
SWN 19		ND	ND	ND	ND	ND	0	ND
SWN 20		ND	ND	ND	ND	ND	0	ND

ND – Analyte Not Detected

All contaminated soil was hauled to Lea Land, an NMOCD approved disposal site. The entire affected area was backfilled, packed, and recontoured to match the surrounding areas. Backfill material and good topsoil were used to achieve a natural condition in the area. A Confirmation Sample Map can be found in Figure 5.

Complete laboratory reports can be found in Appendix E.

#### **Closure Request**

Based on the sample results, the bottom and sidewalls are now below the regulatory limits in every area. Mewbourne has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or gio@pimaoil.com.

Respectfully,

*Gio Gomez*

Gio Gomez  
Environmental Project Manager  
Pima Environmental Services, LLC

**Attachments**

Figures:

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

Appendices:

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





Pima Environmental Services

**Figures:**

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

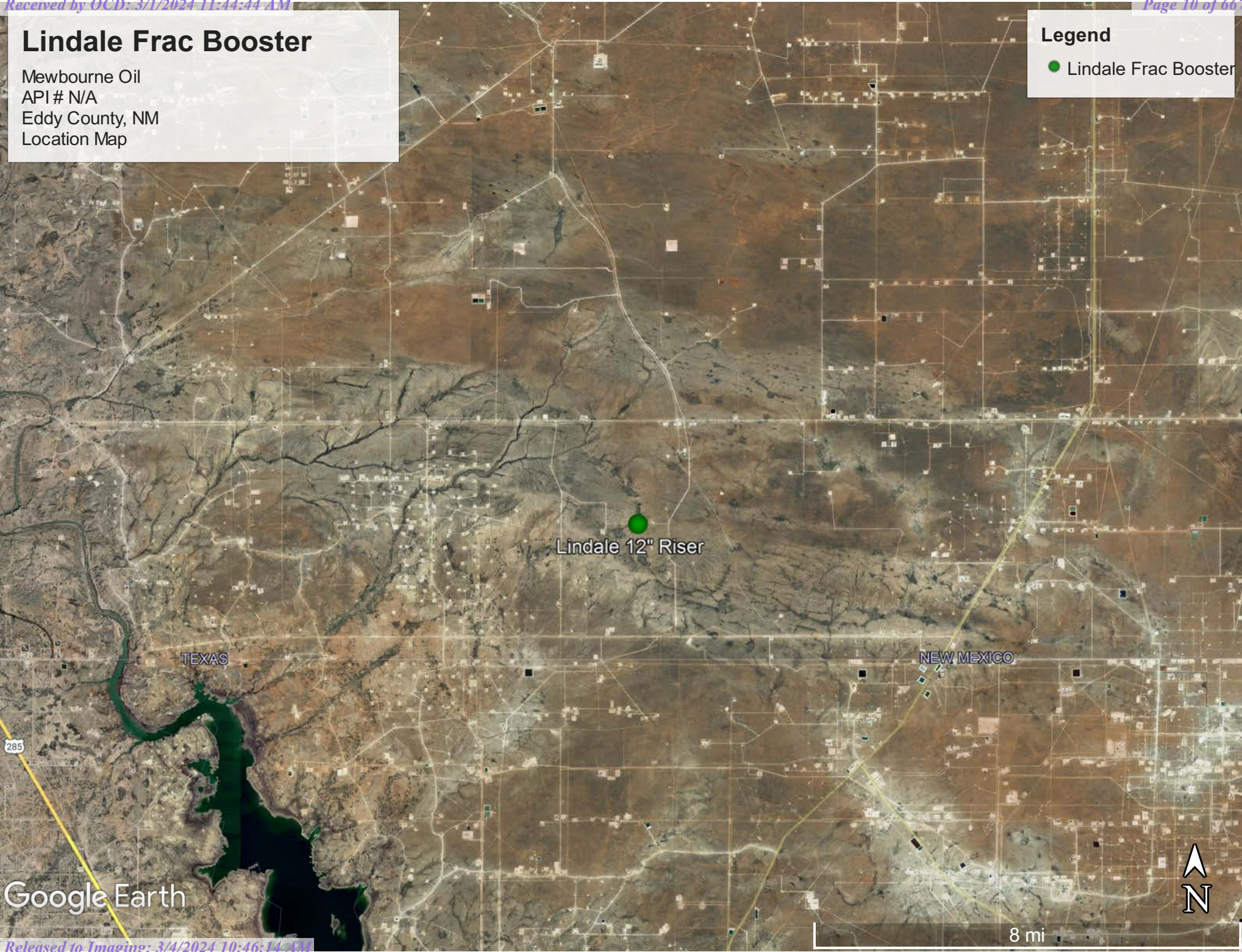
# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Location Map

Legend

●

Lindale Frac Booster



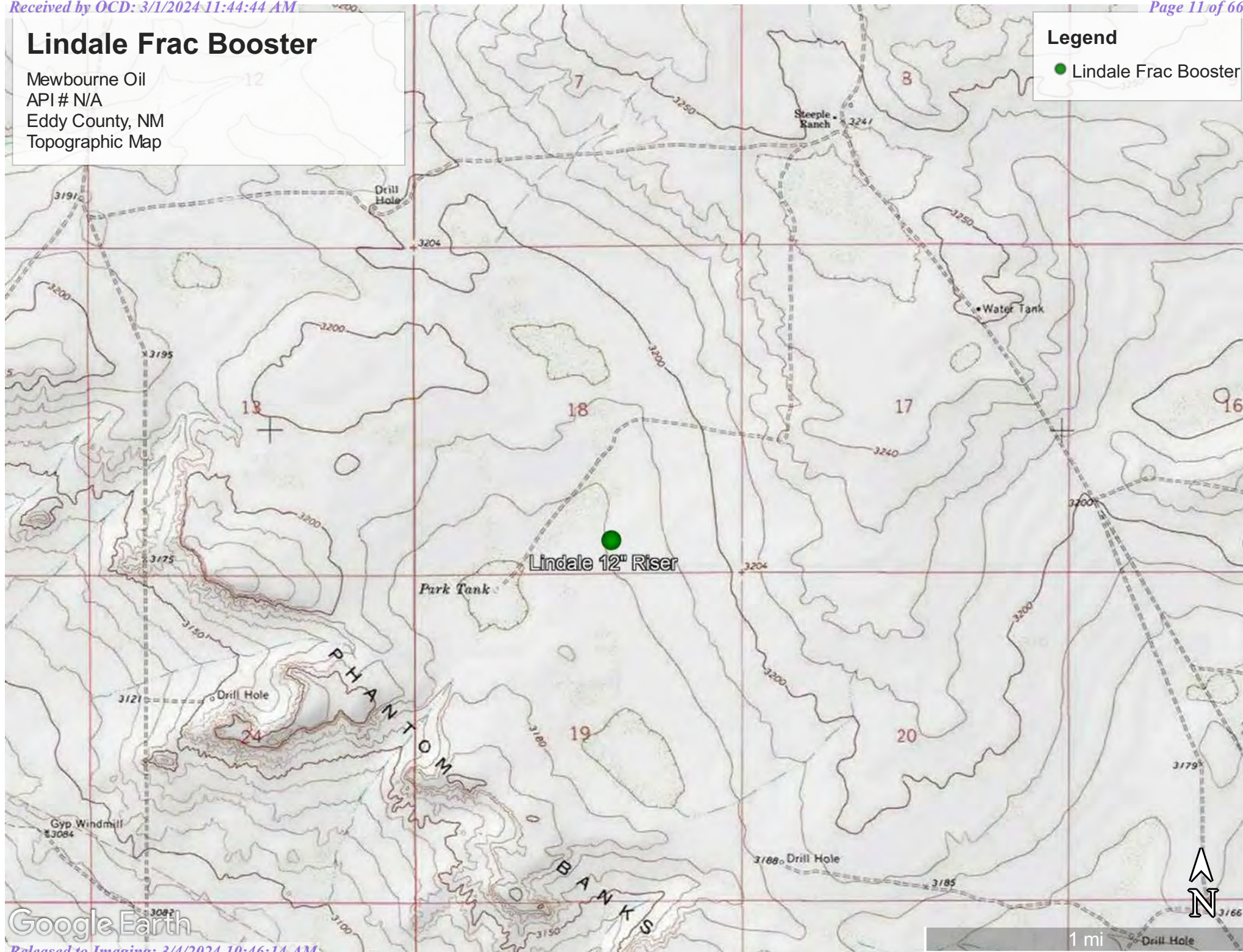


# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Topographic Map

## Legend

● Lindale Frac Booster

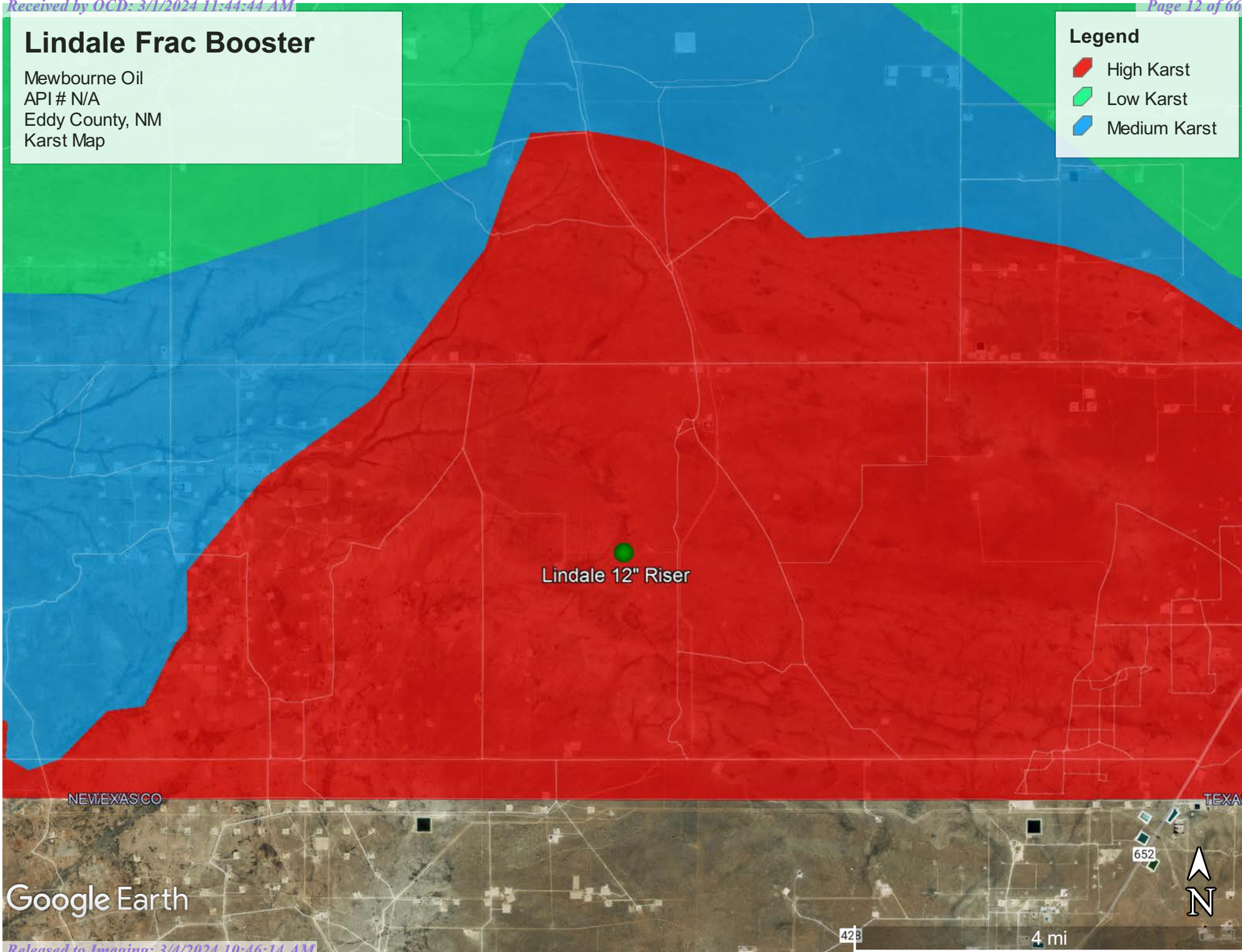




# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Karst Map

- Legend**
- High Karst
  - Low Karst
  - Medium Karst



Google Earth



# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Site Map Delineation

## Legend

- 12" Booster Riser
- Samples
- Spill Area



Google Earth



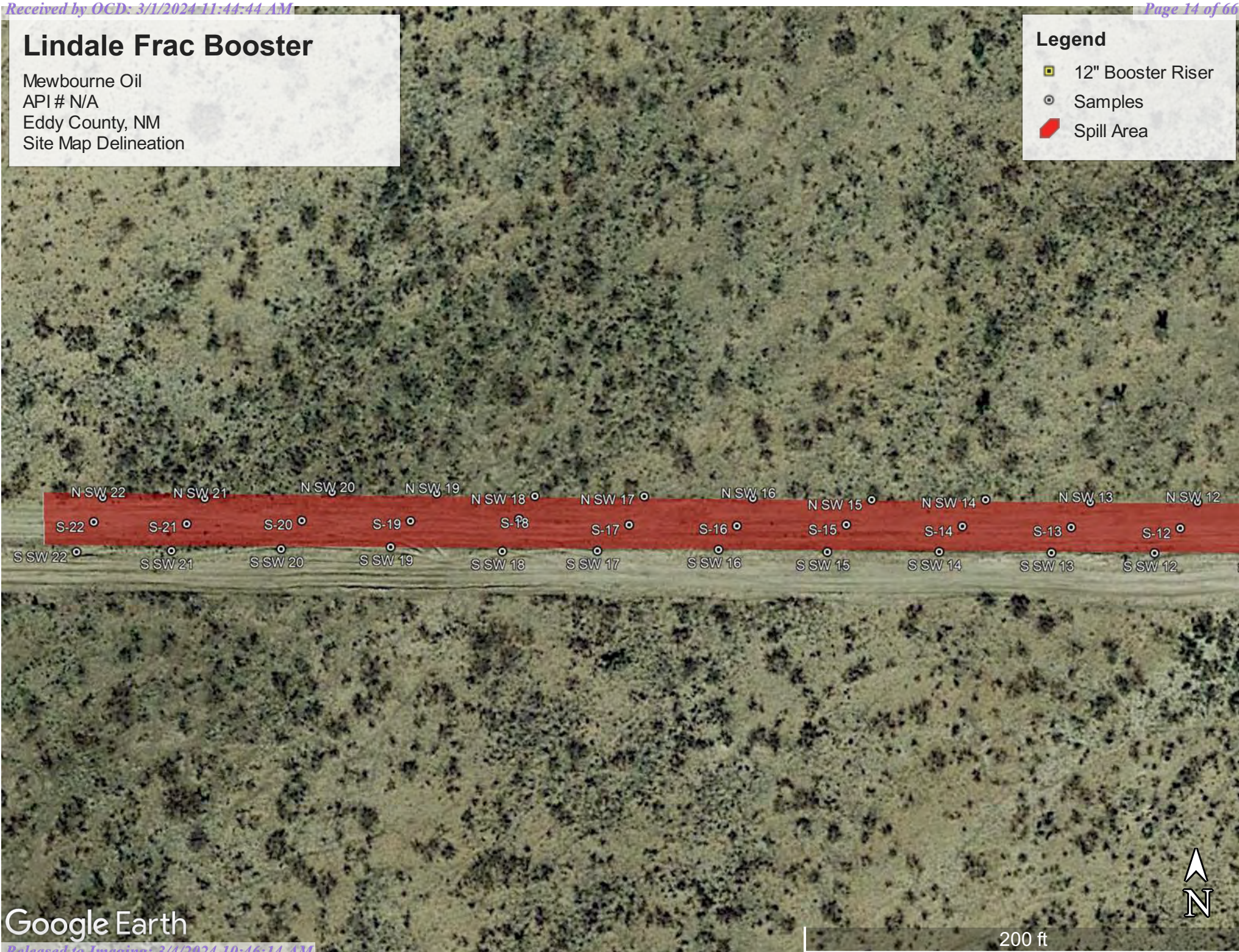
100 ft



# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Site Map Delineation

- Legend**
- 12" Booster Riser
  - Samples
  - Spill Area



Google Earth



# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Confirmation Sample Map

## Legend

- Composite Bottoms
- Composite Sidewalls
- New Composite Sidewalls







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	DepthWell	DepthWater	Water Column
<a href="#">C_02165</a>		C	ED				24	26S	30E	610036	3544121*	2047	440	180	260
<a href="#">C_02248</a>		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	2453	300	292	8
<a href="#">C_02249</a>		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	2453	300	292	8
<a href="#">C_01777</a>		C	ED				08	26S	31E	613245	3547409*	2685	325	300	25

Average Depth to Water: **266 feet**

Minimum Depth: **180 feet**

Maximum Depth: **300 feet**

**Record Count:** 4

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 611814

**Northing (Y):** 3545136.99

**Radius:** 4000

\*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.

12/6/21 3:10 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 320125103514701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 320125103514701 26S.30E.22.44124

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°01'25", Longitude 103°51'47" NAD27

Land-surface elevation 3,044 feet above NGVD29

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

#### Output formats

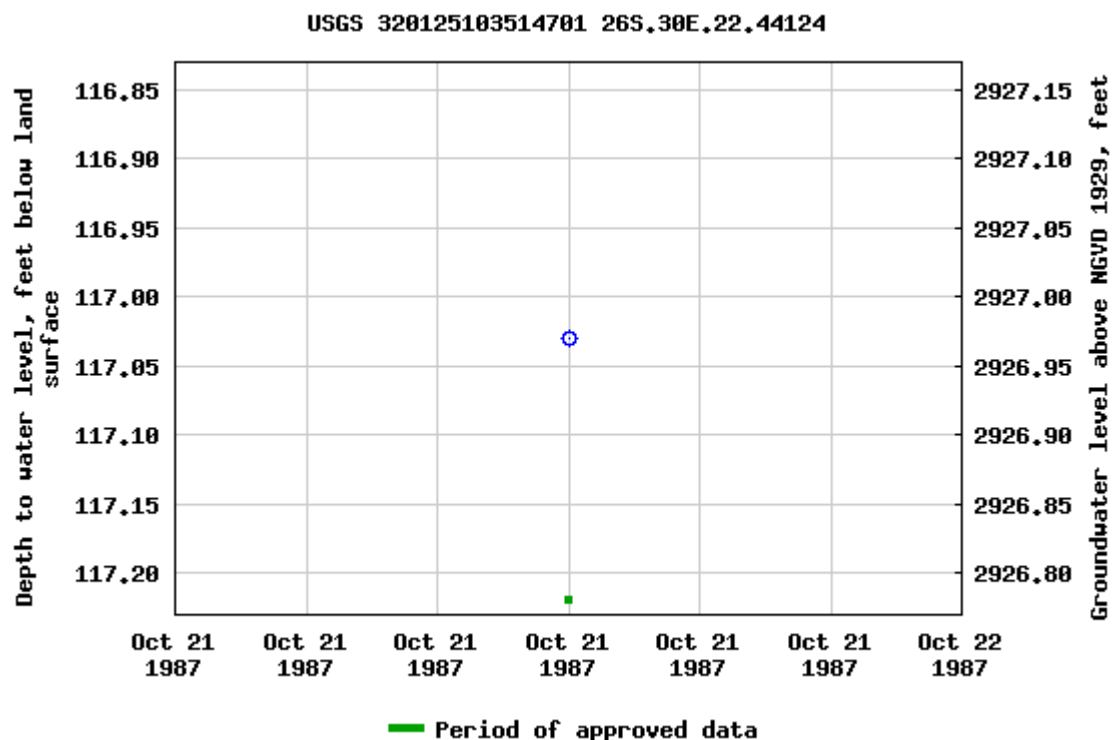
[Table of data](#)

[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](#)

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**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: 2021-12-06 12:09:52 EST

0.66 0.59 nadww02





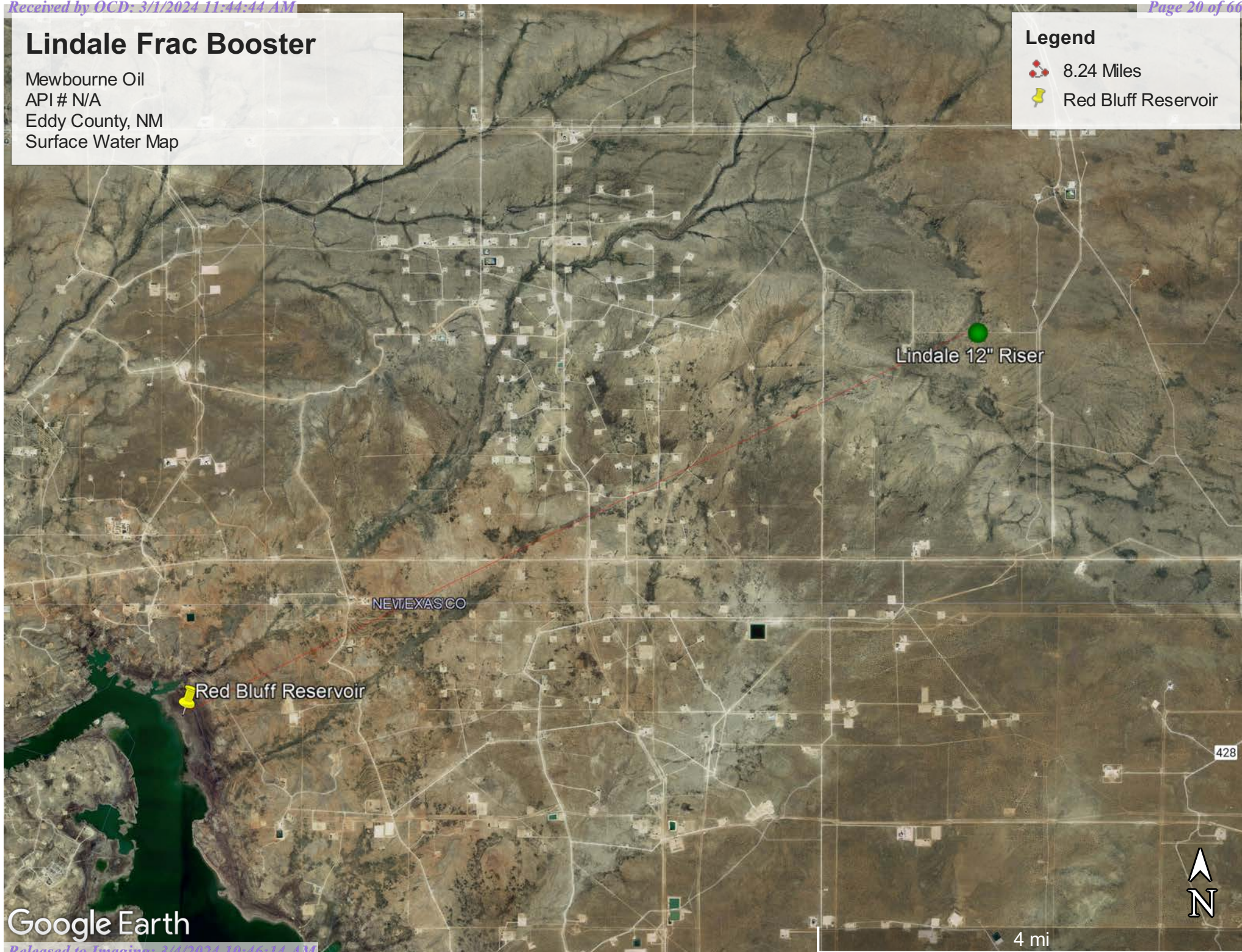


# Lindale Frac Booster

Mewbourne Oil  
API # N/A  
Eddy County, NM  
Surface Water Map

## Legend

-  8.24 Miles
-  Red Bluff Reservoir







Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### SM—Simona-Bippus complex, 0 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5x

*Elevation:* 1,800 to 5,000 feet

*Mean annual precipitation:* 8 to 24 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 230 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Simona and similar soils:* 55 percent

*Bippus and similar soils:* 30 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Simona

##### Setting

*Landform:* Plains, alluvial fans

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 19 inches:* gravelly fine sandy loam

*H2 - 19 to 23 inches:* indurated

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 7 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Very low (about 2.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* D



Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

---

*Ecological site:* R042XC002NM - Shallow Sandy  
*Hydric soil rating:* No

### Description of Bippus

#### Setting

*Landform:* Flood plains, alluvial fans  
*Landform position (three-dimensional):* Talf, rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium

#### Typical profile

*H1 - 0 to 37 inches:* silty clay loam  
*H2 - 37 to 60 inches:* clay loam

#### Properties and qualities

*Slope:* 0 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Very low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.60 to 2.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* OccasionalNone  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 40 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Moderate (about 8.7 inches)

#### Interpretive groups

*Land capability classification (irrigated):* 2e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* B  
*Ecological site:* R042XC017NM - Bottomland  
*Hydric soil rating:* No

### Minor Components

#### Simona

*Percent of map unit:* 8 percent  
*Ecological site:* R042XC002NM - Shallow Sandy  
*Hydric soil rating:* No

#### Bippus

*Percent of map unit:* 7 percent  
*Ecological site:* R042XC017NM - Bottomland

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

---

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021



# National Flood Hazard Layer FIRMette



103°49'16"W 32°2'28"N



### 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
		NO SCREEN Area of Minimal Flood Hazard Zone X
OTHER AREAS		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 Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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 12/6/2021 at 5:05 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.



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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NAPP2120830900
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident #	(assigned by OCD)
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.036889 \_\_\_\_\_ Longitude -103.815795 \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Lindale Frac Booster	Site Type	Pipeline
Date Release Discovered	7/13/2021	API#	(if applicable)

Unit Letter	Section	Township	Range	County
O	18	26S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 470	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)


Cause of Release A pump housing on booster pump came apart.

Incident ID	NAPP2120830900
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was over 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Robbie Runnels to Cristina Eads on 7/14/2021 at 4:08 PM MDT via email.	

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: <u></u>	Date: <u>7/20/2021</u>
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____



Incident ID	NAPP2120830900
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?	<u>117</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

<p><b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li><li><input checked="" type="checkbox"/> Field data</li><li><input checked="" type="checkbox"/> Data table of soil contaminant concentration data</li><li><input checked="" type="checkbox"/> Depth to water determination</li><li><input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li><li><input checked="" type="checkbox"/> Boring or excavation logs</li><li><input checked="" type="checkbox"/> Photographs including date and GIS information</li><li><input checked="" type="checkbox"/> Topographic/Aerial maps</li><li><input checked="" type="checkbox"/> Laboratory data including chain of custody</li></ul>
---

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.

Incident ID	NAPP2120830900
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: Connor Walker Title: Sr. Engineer

Signature: \_\_\_\_\_ Date: 8/20/2022

email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



Incident ID	NAPP2120830900
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.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ 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)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ 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: Connor Walker Title: Sr. Engineer  
Signature: \_\_\_\_\_ Date: 8/20/2022  
email: cwalker@mewbourne.com Telephone: 806-202-5281

**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: \_\_\_\_\_

**From:** [Gio PimaOil](#)  
**To:** [ocdonline@state.nm.us](mailto:ocdonline@state.nm.us); [Tom Pima Oil](#)  
**Subject:** Confirmation for samples Lindale Frac Booster  
**Date:** Tuesday, March 1, 2022 9:17:51 AM

---

Good morning,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Lindale Frac Booster for incident NAPP2120830900. Pima personnel are scheduled to be on site for this sampling event at approximately 9:00 a.m. on Thursday, March 3, 2022, If you have any questions or concerns, please let me know. Thank you

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





Pima Environmental Services

## **Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS  
MEWBOURNE OIL COMPANY  
LINDALE 12" BOOSTER RISER**







































Pima Environmental Services

## **Appendix E**

Laboratory Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 07, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: LINDALE 12 BOOSTER RISER

Enclosed are the results of analyses for samples received by the laboratory on 09/02/21 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



NA



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 1' (H212381-01)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2021	ND	1.98	99.2	2.00	1.48	
Toluene*	<0.050	0.050	09/02/2021	ND	1.97	98.6	2.00	4.08	
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.00	100	2.00	7.63	
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.15	103	6.00	7.70	
Total BTEx	<0.300	0.300	09/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.8 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 1' (H212381-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.98	99.2	2.00	1.48		
Toluene*	<0.050	0.050	09/02/2021	ND	1.97	98.6	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.00	100	2.00	7.63		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.15	103	6.00	7.70		
Total BTEx	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.1 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 1.5' (H212381-03)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.98	99.2	2.00	1.48		
Toluene*	<0.050	0.050	09/02/2021	ND	1.97	98.6	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.00	100	2.00	7.63		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.15	103	6.00	7.70		
Total BTEx	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.5 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 1' (H212381-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.98	99.2	2.00	1.48		
Toluene*	<0.050	0.050	09/02/2021	ND	1.97	98.6	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.00	100	2.00	7.63		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.15	103	6.00	7.70		
Total BTEx	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 1' (H212381-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.98	99.2	2.00	1.48		
Toluene*	<0.050	0.050	09/02/2021	ND	1.97	98.6	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.00	100	2.00	7.63		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.15	103	6.00	7.70		
Total BTEx	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 6 2' (H212381-06)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/02/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.12	102	6.00	5.70		
Total BTX	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 71.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 7 1' (H212381-07)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/02/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	6.12	102	6.00	5.70		
Total BTEx	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 8 1' (H212381-08)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	09/02/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 9 1' (H212381-09)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 10 1' (H212381-10)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 11 1' (H212381-11)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70	
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70	
Total BTX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 12 3' (H212381-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70	
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	188	94.2	200	2.57	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	203	101	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 13 3' (H212381-13)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70	
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 14 3' (H212381-14)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 15 2' (H212381-15)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70	
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70	
Total BTX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 16 2' (H212381-16)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70	
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70	
Total BTX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 17 3' (H212381-17)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 18 4' (H212381-18)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 19 3' (H212381-19)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 20 3' (H212381-20)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 21 2' (H212381-21)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.88	94.2	2.00	5.70		
Toluene*	<0.050	0.050	09/03/2021	ND	2.07	103	2.00	6.55		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	5.94		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.12	102	6.00	5.70		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 22 2' (H212381-22)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.98	99.2	2.00	9.62	
Toluene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	9.33	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.15	103	6.00	6.87	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 1 (H212381-23)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.98	99.2	2.00	9.62		
Toluene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	9.33		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	6.56		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.15	103	6.00	6.87		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 2 (H212381-24)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.98	99.2	2.00	9.62		
Toluene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	9.33		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	6.56		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.15	103	6.00	6.87		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 3 (H212381-25)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.98	99.2	2.00	9.62		
Toluene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	9.33		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.00	100	2.00	6.56		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.15	103	6.00	6.87		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 4 (H212381-26)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 5 (H212381-27)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 6 (H212381-28)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 7 (H212381-29)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.3 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 8 (H212381-30)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 9 (H212381-31)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 10 (H212381-32)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	210	105	200	0.0286	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	210	105	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 11 (H212381-33)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 12 (H212381-34)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 13 (H212381-35)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 14 (H212381-36)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30		
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 15 (H212381-37)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 16 (H212381-38)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 17 (H212381-39)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.7 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 18 (H212381-40)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 19 (H212381-41)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 20 (H212381-42)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 21 (H212381-43)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: N - SW - 22 (H212381-44)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 1 (H212381-45)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	2.02	101	2.00	1.30	
Toluene*	<0.050	0.050	09/03/2021	ND	2.11	105	2.00	0.786	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	2.07	104	2.00	0.797	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	6.26	104	6.00	0.907	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 2 (H212381-46)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.9 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 3 (H212381-47)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 4 (H212381-48)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 5 (H212381-49)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 6 (H212381-50)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 7 (H212381-51)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 8 (H212381-52)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	216	108	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	214	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 9 (H212381-53)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 10 (H212381-54)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.4 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 11 (H212381-55)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 12 (H212381-56)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 13 (H212381-57)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 14 (H212381-58)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEx	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 15 (H212381-59)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 16 (H212381-60)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEx	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 17 (H212381-61)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 18 (H212381-62)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.8 % 38.9-142

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 19 (H212381-63)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.6 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 20 (H212381-64)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3	
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5	
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7	
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3	
Total BTEX	<0.300	0.300	09/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 21 (H212381-65)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2021	ND	1.92	96.1	2.00	10.3		
Toluene*	<0.050	0.050	09/03/2021	ND	1.90	94.9	2.00	10.5		
Ethylbenzene*	<0.050	0.050	09/03/2021	ND	1.84	91.8	2.00	12.7		
Total Xylenes*	<0.150	0.150	09/03/2021	ND	5.67	94.5	6.00	12.3		
Total BTEX	<0.300	0.300	09/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	195	97.6	200	0.531	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	205	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 09/02/2021  
Reported: 09/07/2021  
Project Name: LINDALE 12 BOOSTER RISER  
Project Number: 12-4  
Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 09/01/2021  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - SW - 22 (H212381-66)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2021	ND	1.93	96.6	2.00	3.07		
Toluene*	<0.050	0.050	09/02/2021	ND	1.94	96.9	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/02/2021	ND	1.93	96.5	2.00	0.286		
Total Xylenes*	<0.150	0.150	09/02/2021	ND	5.94	99.0	6.00	0.751		
Total BTEX	<0.300	0.300	09/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/03/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2021	ND	222	111	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/03/2021	ND	215	107	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	09/03/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03      The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- BS-3      Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND      Analyte NOT DETECTED at or above the reporting limit
- RPD      Relative Percent Difference
- \*\*      Samples not received at proper temperature of 6°C or below.
- \*\*\*      Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services		BILL TO		ANALYSIS REQUEST																							
Project Manager: Chris Jones		P.O. #:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPK EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>																							
Address: 1601 N Turner St., Suite 500		Company: <i>Newbarr</i>																									
City: Hobbs State: NM Zip: 88240		Attn:																									
Phone #: 575-964-7740 Fax #:		Address:																									
Project #: <i>12-4</i> Project Owner: <i>Newbarr</i>		City:																									
Project Name: <i>Lindale 12 Booster Riser</i>		State: Zip:																									
Project Location: <i>Eddy</i>		Phone #:																									
Sampler Name: <i>TRISTAN</i>		Fax #:																									
Lab I.D.	Sample I.D.	FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING																						
			(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
<i>H212381</i>																											
	<i>1 S-1 1'</i>													<i>9/1/11</i>	<i>750</i>												
	<i>2 S-2 1'</i>														<i>755</i>												
	<i>3 S-3 1.5'</i>														<i>805</i>												
	<i>4 S-4 1'</i>														<i>810</i>												
	<i>5 S-5 1'</i>														<i>815</i>												
	<i>6 S-6 2'</i>														<i>820</i>												
	<i>7 S-7 1'</i>														<i>825</i>												
	<i>8 S-8 1'</i>														<i>830</i>												
	<i>9 S-9 1'</i>														<i>835</i>												
	<i>10 S-10 1'</i>														<i>840</i>												

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Relinquished By: <i>[Signature]</i>	Date: <i>6/2/11</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Time: <i>0815</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	Time:	Cool Intact		
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		CHECKED BY: (Initials)		
		<i>TO</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPK EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BT EX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorider</div> </div>																		
Address: 1601 N Turner St., Suite 500				Company: <i>Murkine</i>																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: 12-4 Project Owner: <i>Murkine</i>				City:																						
Project Name: <i>Lindale 12 Beaver Eiser</i>				State: Zip:																						
Project Location: <i>Eddy</i>				Phone #:																						
Sampler Name: <i>T. 15762</i>				Fax #:																						
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
H212381	11 S-11 1'												9/1/21	8:45												
	12 S-12 3'													8:50												
	13 S-13 3'													8:55												
	14 S-14 3'													9:00												
	15 S-15 2'													9:05												
	16 S-16 2'													9:10												
	17 S-17 3'													9:15												
	18 S-18 4'													9:20												
	19 S-19 3'													9:25												
	20 S-20 3'													9:30												

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Relinquished By: <i>[Signature]</i>	Date: <i>9/1/21</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Time: <i>0815</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: <i>5.9c #113</i>	Time:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		
		CHECKED BY: (Initials) <i>JO</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services		P.O. #:		ANALYSIS REQUEST																							
Project Manager: Chris Jones		Company: <i>Mentor</i>																									
Address: 1601 N Turner St., Suite 500		Attn:																									
City: Hobbs State: NM Zip: 88240		Address:																									
Phone #: 575-964-7740 Fax #:		City:																									
Project #: <i>12-4</i> Project Owner: <i>Mentor</i>		State: Zip:																									
Project Name: <i>Lindale 12 Booster Piser</i>		Phone #:																									
Project Location: <i>eddy</i>		Fax #:																									
Sampler Name: <i>GRO</i>																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<i>H212381</i>													<i>9/1/11</i>	<i>935</i>	<i>B Tex</i>	<i>IPX EXT</i>	<i>Chloride</i>										
<i>21</i>	<i>S-21 2'</i>													<i>940</i>													
<i>22</i>	<i>S-22 2'</i>													<i>945</i>													
<i>23</i>	<i>N-SW-1</i>													<i>950</i>													
<i>24</i>	<i>N-SW-2</i>													<i>955</i>													
<i>25</i>	<i>N-SW-3</i>													<i>1000</i>													
<i>26</i>	<i>N-SW-4</i>													<i>1005</i>													
<i>27</i>	<i>N-SW-5</i>													<i>1010</i>													
<i>28</i>	<i>N-SW-6</i>													<i>1015</i>													
<i>29</i>	<i>N-SW-7</i>													<i>1020</i>													
<i>30</i>	<i>N-SW-8</i>																										

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Relinquished By: <i>B</i>	Date: <i>9/2/11</i>	Received By: <i>Jamara</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>B</i>	Time: <i>0845</i>	Received By: <i>Jamara</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: <i>5.9c #113</i>	Time:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		CHECKED BY: (Initials) <i>T.O.</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST															
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPX EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTex</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>															
Address: 1601 N Turner St., Suite 500				Company: <i>Merbaum</i>																			
City: Hobbs State: NM Zip: 88240				Attn:																			
Phone #: 575-964-7740 Fax #:				Address:																			
Project #: <i>12-4</i> Project Owner: <i>Merbaum</i>				City:																			
Project Name: <i>Lindell 12 Boosta Ciser</i>				State: Zip:																			
Project Location: <i>Eddy</i>				Phone #:																			
Sampler Name: <i>910</i>				Fax #:																			
Lab I.D.	Sample I.D.	FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING																		
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
<i>H212381</i>												<i>9/1/11</i>	<i>1025</i>										
<i>31</i>	<i>N-SW-9</i>												<i>1030</i>										
<i>32</i>	<i>N-SW-10</i>												<i>1035</i>										
<i>33</i>	<i>N-SW-11</i>												<i>1040</i>										
<i>34</i>	<i>N-SW-12</i>												<i>1045</i>										
<i>35</i>	<i>N-SW-13</i>												<i>1050</i>										
<i>36</i>	<i>N-SW-14</i>												<i>1055</i>										
<i>37</i>	<i>N-SW-15</i>												<i>1100</i>										
<i>38</i>	<i>N-SW-16</i>												<i>1105</i>										
<i>39</i>	<i>N-SW-17</i>												<i>1110</i>										
<i>40</i>	<i>N-SW-18</i>																						

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Relinquished By: <i>[Signature]</i>	Date: <i>9/1/11</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>0815</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5.9c #113</i>			REMARKS:	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			CHECKED BY: (Initials) <i>[Initials]</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST											
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> TPX EXT BTX Chlorider </div> <div style="width: 70%;"></div> </div>											
Address: 1601 N Turner St., Suite 500				Company: <i>Ma Barua</i>															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: 575-964-7740 Fax #:				Address:															
Project #: <i>12-4</i> Project Owner: <i>Mechanics</i>				City:															
Project Name: <i>Lindale 12 Booster Diser</i>				State: Zip:															
Project Location: <i>Eddy</i>				Phone #:															
Sampler Name: <i>ETD</i>				Fax #:															
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
	<i>H212381</i>													<i>9/1/21</i>	<i>11 15</i>				
	<i>41</i>	<i>N-SW-19</i>													<i>11 20</i>				
	<i>42</i>	<i>N-SW-20</i>													<i>11 25</i>				
	<i>43</i>	<i>N-SW-21</i>													<i>11 30</i>				
	<i>44</i>	<i>N-SW-22</i>													<i>11 35</i>				
	<i>45</i>	<i>S-SW-1</i>													<i>11 40</i>				
	<i>46</i>	<i>S-SW-2</i>													<i>11 45</i>				
	<i>47</i>	<i>S-SW-3</i>													<i>11 50</i>				
	<i>48</i>	<i>S-SW-4</i>													<i>11 55</i>				
	<i>49</i>	<i>S-SW-5</i>													<i>12 00</i>				
	<i>50</i>	<i>S-SW-6</i>																	

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Relinquished By: <i>B</i>	Date: <i>9/2/21</i>	Received By: <i>Jamara</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <i>0815</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	Time:	Cool Intact		
<i>5-9c #113</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		
		CHECKED BY: (Initials)		
		<i>Y.O.</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST											
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPX EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>											
Address: 1601 N Turner St., Suite 500				Company: <i>New bar case</i>															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: 575-964-7740 Fax #:				Address:															
Project #: 12-4 Project Owner:				City:															
Project Name: <i>Lindale 12 Booster Riser</i>				State: Zip:															
Project Location: <i>Eddy</i>				Phone #:															
Sampler Name: <i>G10</i>				Fax #:															
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
	<i>H212381</i>													<i>9/1/14</i>	<i>12:15</i>				
	<i>51</i>	<i>S-SW-7</i>													<i>12:20</i>				
	<i>52</i>	<i>S-SW-8</i>													<i>12:25</i>				
	<i>53</i>	<i>S-SW-9</i>													<i>12:30</i>				
	<i>54</i>	<i>S-SW-10</i>													<i>12:35</i>				
	<i>55</i>	<i>S-SW-11</i>													<i>12:40</i>				
	<i>56</i>	<i>S-SW-12</i>													<i>12:45</i>				
	<i>57</i>	<i>S-SW-13</i>													<i>12:50</i>				
	<i>58</i>	<i>S-SW-14</i>													<i>12:55</i>				
	<i>59</i>	<i>S-SW-15</i>													<i>13:00</i>				
	<i>60</i>	<i>S-SW-16</i>																	

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Relinquished By: <i>[Signature]</i>	Date: <i>9/1/14</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <i>0815</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: <i>5.9c #113</i>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		
		CHECKED BY: (Initials) <i>JO</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services

Project Manager: Chris Jones

Address: 1601 N Turner St., Suite 500

City: Hobbs

State: NM Zip: 88240

Phone #: 575-964-7740

Fax #:

Project #: 12-4

Project Owner: *Murphy*

Project Name: *Lindale 12 Booster Ciser*

Project Location: *Eddy*

Sampler Name: *E710*

## BILL TO

P.O. #:

Company: *Murphy*

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

## ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

*H212381*

*61 S-SW-17*

*62 S-SW-18*

*63 S-SW-19*

*64 S-SW-20*

*65 S-SW-21*

*66 S-SW-22*

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

MATRIX

PRESERV.

SAMPLING

DATE

TIME

*9/1/04*

*1310*

*1315*

*1320*

*1325*

*1330*

*1335*

*TPX EXT*

*BTEX*

*Chlorides*

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Relinquished By:

Date: *9/2/04*

Time:

Received By:

Relinquished By:

Date:

Time:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

☐ Yes ☐ Yes

☐ No ☐ No

CHECKED BY:  
(Initials)

Phone Result:

☐ Yes ☐ No

Add'l Phone #:

Fax Result:

☐ Yes ☐ No

Add'l Fax #:

REMARKS:

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Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203035

Job Number: 21064-0001

Received: 3/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/14/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.  
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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: 3/14/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12" Booster Riser  
Workorder: E203035  
Date Received: 3/9/2022 8:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:10:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/14/22 18:22
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW - 1 East	E203035-01A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 2 South	E203035-02A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 3 North	E203035-03A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 4 South	E203035-04A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 5 North	E203035-05A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 6 South	E203035-06A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW - 7 North	E203035-07A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 1	E203035-08A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 2	E203035-09A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 3	E203035-10A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 4	E203035-11A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 5	E203035-12A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 6	E203035-13A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 7	E203035-14A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 8	E203035-15A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 9	E203035-16A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 10	E203035-17A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 11	E203035-18A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 12	E203035-19A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS - 13	E203035-20A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 1 East

## E203035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: IY	Batch: 2211036	
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	106 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY	Batch: 2211036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	106 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2211057	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	102 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS	Batch: 2211041	
Chloride	630	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 2 South

E203035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	106 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	106 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	96.7 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	612	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 3 North

## E203035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	97.4 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	509	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 4 South

E203035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	95.1 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	499	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 5 North

## E203035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	85.7 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	645	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/14/2022 6:22:26PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW - 6 South  
E203035-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211057	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	103 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211041	
Chloride	679	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## SW - 7 North

E203035-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	95.5 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	465	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 1

## E203035-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	107 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	107 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	99.4 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	728	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 2

## E203035-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	95.9 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	697	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/14/2022 6:22:26PM
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CS - 3

E203035-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	98.2 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	662	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 4

## E203035-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	110 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	646	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 5

## E203035-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	110 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	635	20.0	1	03/09/22	03/10/22	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/14/2022 6:22:26PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS - 6

E203035-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	03/09/22	03/11/22	
Surrogate: Toluene-d8		102 %	70-130	03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	03/09/22	03/11/22	
Surrogate: Toluene-d8		102 %	70-130	03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2211057	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane		138 %	50-200	03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2211041	
Chloride	620	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

CS - 7

E203035-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	115 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	631	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 8

## E203035-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	141 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	610	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 9

## E203035-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	84.4 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	108 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	84.4 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	108 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	108 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	662	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 10

## E203035-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	76.9 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	76.9 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	137 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	644	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/14/2022 6:22:26PM
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CS - 11  
E203035-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	88.6 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	80.1 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	88.6 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	80.1 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2211057	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	114 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2211041	
Chloride	649	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 12

## E203035-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	99.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	99.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	152 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	686	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:22:26PM

## CS - 13

## E203035-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/09/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211057
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	131 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211041
Chloride	535	20.0	1	03/09/22	03/10/22	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:22:26PM

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 (2211036-BLK1)

Prepared: 03/09/22 Analyzed: 03/11/22

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	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2211036-BS1)

Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.48	0.0250	2.50		99.2	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	5.18	0.0500	5.00		103	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike (2211036-MS1)

Source: E203035-02

Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.66	0.0250	2.50	ND	106	45-135			
Toluene	2.66	0.0250	2.50	ND	107	48-130			
o-Xylene	2.61	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.23	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.84	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2211036-MSD1)

Source: E203035-02

Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.45	0.0250	2.50	ND	98.0	48-131	3.19	23	
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135	0.507	27	
Toluene	2.66	0.0250	2.50	ND	106	48-130	0.113	24	
o-Xylene	2.56	0.0250	2.50	ND	103	43-135	1.68	27	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	0.951	27	
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135	1.19	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b>
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:22:26PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

## Blank (2211036-BLK1)

Prepared: 03/09/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

## LCS (2211036-BS2)

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

## Matrix Spike (2211036-MS2)

Source: E203035-02

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

## Matrix Spike Dup (2211036-MSD2)

Source: E203035-02

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130	2.75	20	
Surrogate: Bromofluorobenzene	0.478		0.500		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:22:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2211057-BLK1) Prepared: 03/10/22 Analyzed: 03/12/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.5		50.0		99.0	50-200			

LCS (2211057-BS1) Prepared: 03/10/22 Analyzed: 03/12/22

Diesel Range Organics (C10-C28)	487	25.0	500		97.5	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			

Matrix Spike (2211057-MS1) Source: E203035-03 Prepared: 03/10/22 Analyzed: 03/12/22

Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.3	38-132			
Surrogate: n-Nonane	41.9		50.0		83.7	50-200			

Matrix Spike Dup (2211057-MSD1) Source: E203035-03 Prepared: 03/10/22 Analyzed: 03/12/22

Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.9	38-132	3.55	20	
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:22:26PM

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 (2211041-BLK1)					Prepared: 03/09/22 Analyzed: 03/10/22				
Chloride	ND	20.0							
LCS (2211041-BS1)					Prepared: 03/09/22 Analyzed: 03/13/22				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2211041-MS1)					Source: E203035-01		Prepared: 03/09/22 Analyzed: 03/13/22		
Chloride	251	20.0	250	630	NR	80-120			M2
Matrix Spike Dup (2211041-MSD1)					Source: E203035-01		Prepared: 03/09/22 Analyzed: 03/13/22		
Chloride	256	20.0	250	630	NR	80-120	1.91	20	M2

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/14/22 18:22

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Project Information

## Chain of Custody

Page 1 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		<u>E203035</u>		<u>21064-0001</u>									
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method											RCRA
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/PRO by 8015	GRO/PRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												State	
																	NM	CO
																	UT	AZ
																	TX	
																	Remarks	
9:00	3/3/22	S	1	SW-1 East	1											X		
9:05				SW-2 South	2													
9:10				SW-3 North	3													
9:15				SW-4 South	4													
9:20				SW-5 North	5													
9:25				SW-6 South	6													
9:30				SW-7 North	7													
9:35				CS-1	8													
9:40				CS-2	9													
9:45				CS-3	10													
Additional Instructions: <u>Bill To Pima Environmental</u>																		
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 5 °C on subsequent days.																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<u>[Signature]</u>		3-7-22	12:40	<u>[Signature]</u>		3-7-22	1240	Received on ice: <u>Y</u> / N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>[Signature]</u>		3-8-22	910	<u>Caroline Chute</u>		3/9/22	8:10											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
<u>[Signature]</u>																		
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____																		
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																		



## Project Information

## Chain of Custody

Page 2 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program									
Project: <u>Lindale 12" Booster Riser</u>					Attention: _____		Lab WO# <u>E203035</u>		Job Number <u>21064-000</u>		1D	2D	3D	Standard	CWA	SDWA								
Project Manager: <u>Tom Bynum</u>					Address: _____		Analysis and Method								RCRA									
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip _____										CWA		SDWA							
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone: _____		State								RCRA									
Phone: <u>580-748-1613</u>					Email: _____										NM		CO		UT		AZ		TX	
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>12-4</u>		Remarks								NM		CO		UT		AZ		TX	
Report due by: _____															X									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX											
9:50	3/3/22	S	1	CS-4	11							X												
9:55				CS-5	12																			
10:00				CS-6	13																			
10:05				CS-7	14																			
10:10				CS-8	15																			
10:15				CS-9	16																			
10:20				CS-10	17																			
10:25				CS-11	18																			
10:30				CS-12	19																			
10:35				CS-13	20																			
Additional Instructions: <u>Bill to Pima Environmental</u>																								
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) <u>Aed Rogers</u>		Date <u>3-7-22</u>		Time <u>12:40</u>		Received by: (Signature) <u>[Signature]</u>		Date <u>3-7-22</u>		Time <u>1240</u>		Lab Use Only												
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>3-8-22</u>		Time <u>9:10</u>		Received by: (Signature) <u>Orville Chute</u>		Date <u>3/9/22</u>		Time <u>8:10</u>		Received on ice: <u>Y</u> / N												
Relinquished by: (Signature) _____		Date _____		Time _____		Received by: (Signature) _____		Date _____		Time _____		T1 _____ T2 _____ T3 _____												
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____												AVG Temp °C <u>4</u>												
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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: 3/11/2022 2:40:15PM

## 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:	03/09/22 08:10	Work Order ID:	E203035
Phone:	(575) 631-6977	Date Logged In:	03/07/22 13:30	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203036

Job Number: 21064-0001

Received: 3/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/15/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12" Booster Riser  
Workorder: E203036  
Date Received: 3/9/2022 8:11:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:11:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/15/22 10:14
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-14	E203036-01A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-15	E203036-02A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-16	E203036-03A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-17	E203036-04A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-18	E203036-05A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-19	E203036-06A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-20	E203036-07A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-21	E203036-08A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-22	E203036-09A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-23	E203036-10A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-24	E203036-11A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-25	E203036-12A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-26	E203036-13A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-27	E203036-14A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-28	E203036-15A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-29	E203036-16A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-30	E203036-17A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-31	E203036-18A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-32	E203036-19A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-33	E203036-20A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-14

## E203036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/10/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/10/22	
Toluene	ND	0.0250	1	03/09/22	03/10/22	
o-Xylene	ND	0.0250	1	03/09/22	03/10/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/10/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/10/22	
<i>Surrogate: Bromofluorobenzene</i>	<i>91.1 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>104 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<i>Surrogate: Toluene-d8</i>	<i>100 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/10/22	
<i>Surrogate: Bromofluorobenzene</i>	<i>91.1 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>104 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<i>Surrogate: Toluene-d8</i>	<i>100 %</i>	<i>70-130</i>		<i>03/09/22</i>	<i>03/10/22</i>	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>	<i>105 %</i>	<i>50-200</i>		<i>03/10/22</i>	<i>03/12/22</i>	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	634	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-15

## E203036-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/10/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/10/22	
Toluene	ND	0.0250	1	03/09/22	03/10/22	
o-Xylene	ND	0.0250	1	03/09/22	03/10/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/10/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/10/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/09/22	03/10/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/09/22	03/10/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/09/22	03/10/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/10/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/09/22	03/10/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/09/22	03/10/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/09/22	03/10/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	116 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	607	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-16

## E203036-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/10/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/10/22	
Toluene	ND	0.0250	1	03/09/22	03/10/22	
o-Xylene	ND	0.0250	1	03/09/22	03/10/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/10/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/10/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/09/22	03/10/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/10/22	
Surrogate: Toluene-d8	99.4 %	70-130		03/09/22	03/10/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/10/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/09/22	03/10/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/10/22	
Surrogate: Toluene-d8	99.4 %	70-130		03/09/22	03/10/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	92.2 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	638	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

CS-17

E203036-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	130 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	633	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-18

## E203036-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	143 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	498	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 10:14:54AM
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CS-19

E203036-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211037	
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211058	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	133 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211045	
Chloride	464	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 10:14:54AM
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CS-20

E203036-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211037	
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2211037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2211058	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	113 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2211045	
Chloride	634	20.0	1	03/09/22	03/10/22	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 10:14:54AM
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CS-21

E203036-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	186 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	598	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

CS-22

E203036-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	136 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	611	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-23

## E203036-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	107 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	673	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 10:14:54AM
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CS-24

E203036-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	134 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	543	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-25

## E203036-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.7 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.7 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	106 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	491	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-26

## E203036-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.8 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.8 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	130 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	629	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

CS-27

E203036-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	141 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	407	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 10:14:54AM
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CS-28

E203036-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.5 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	123 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	492	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-29

## E203036-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	165 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	641	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-30

## E203036-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	117 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	632	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-31

## E203036-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	112 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	529	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

CS-32

E203036-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.0 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.0 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	112 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	390	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 10:14:54AM

## CS-33

## E203036-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Benzene	ND	0.0250	1	03/09/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/11/22	
Toluene	ND	0.0250	1	03/09/22	03/11/22	
o-Xylene	ND	0.0250	1	03/09/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211037
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/11/22	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/09/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/11/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/09/22	03/11/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211058
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	109 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211045
Chloride	423	20.0	1	03/09/22	03/11/22	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 10:14:54AM

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 (2211037-BLK1) Prepared: 03/09/22 Analyzed: 03/11/22

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	0.456		0.500		91.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

LCS (2211037-BS1) Prepared: 03/09/22 Analyzed: 03/11/22

Benzene	2.69	0.0250	2.50		107	70-130			
Ethylbenzene	2.82	0.0250	2.50		113	70-130			
Toluene	2.79	0.0250	2.50		112	70-130			
o-Xylene	2.70	0.0250	2.50		108	70-130			
p,m-Xylene	5.44	0.0500	5.00		109	70-130			
Total Xylenes	8.15	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

Matrix Spike (2211037-MS1) Source: E203036-03 Prepared: 03/09/22 Analyzed: 03/11/22

Benzene	2.41	0.0250	2.50	ND	96.4	48-131			
Ethylbenzene	2.49	0.0250	2.50	ND	99.5	45-135			
Toluene	2.46	0.0250	2.50	ND	98.2	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.0	43-135			
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135			
Total Xylenes	7.16	0.0250	7.50	ND	95.4	43-135			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2211037-MSD1) Source: E203036-03 Prepared: 03/09/22 Analyzed: 03/11/22

Benzene	2.82	0.0250	2.50	ND	113	48-131	15.8	23	
Ethylbenzene	2.89	0.0250	2.50	ND	115	45-135	14.8	27	
Toluene	2.85	0.0250	2.50	ND	114	48-130	15.0	24	
o-Xylene	2.76	0.0250	2.50	ND	111	43-135	15.1	27	
p,m-Xylene	5.57	0.0500	5.00	ND	111	43-135	15.1	27	
Total Xylenes	8.33	0.0250	7.50	ND	111	43-135	15.1	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 10:14:54AM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2211037-BLK1)

Prepared: 03/09/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.456		0.500		91.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

## LCS (2211037-BS2)

Prepared: 03/09/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

## Matrix Spike (2211037-MS2)

Source: E203036-03

Prepared: 03/09/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	62.4	20.0	50.0	ND	125	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

## Matrix Spike Dup (2211037-MSD2)

Source: E203036-03

Prepared: 03/09/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	61.0	20.0	50.0	ND	122	70-130	2.29	20	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 10:14:54AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211058-BLK1)					Prepared: 03/10/22 Analyzed: 03/12/22				
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 (2211058-BS1)					Prepared: 03/10/22 Analyzed: 03/12/22				
Diesel Range Organics (C10-C28)	522	25.0	500		104	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			

Matrix Spike (2211058-MS1)					Source: E203036-09		Prepared: 03/10/22 Analyzed: 03/12/22		
Diesel Range Organics (C10-C28)	649	25.0	500	ND	130	38-132			
Surrogate: n-Nonane	60.6		50.0		121	50-200			

Matrix Spike Dup (2211058-MSD1)					Source: E203036-09		Prepared: 03/10/22 Analyzed: 03/12/22		
Diesel Range Organics (C10-C28)	561	25.0	500	ND	112	38-132	14.5	20	
Surrogate: n-Nonane	60.0		50.0		120	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 10:14:54AM

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 (2211045-BLK1)					Prepared: 03/09/22 Analyzed: 03/10/22				
Chloride	ND	20.0							
LCS (2211045-BS1)					Prepared: 03/09/22 Analyzed: 03/10/22				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2211045-MS1)					Source: E203036-01		Prepared: 03/09/22 Analyzed: 03/10/22		
Chloride	858	20.0	250	634	89.6	80-120			
Matrix Spike Dup (2211045-MSD1)					Source: E203036-01		Prepared: 03/09/22 Analyzed: 03/10/22		
Chloride	935	20.0	250	634	120	80-120	8.54	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:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/15/22 10:14

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

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

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



## Project Information

## Chain of Custody

Page 3 of 15

Client: Pima Environmental Services Project: <u>Lindale 12" Booster Riser</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>12-14</u>					Lab Use Only Lab WO# <u>E203036</u> Job Number <u>21064-0001</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
10:40	3/3/22	S	1	CS-14	1							X								
10:45				CS-15	2															
10:50				CS-16	3															
10:55				CS-17	4															
11:00				CS-18	5															
11:05				CS-19	6															
11:10				CS-20	7															
11:15				CS-21	8															
11:20				CS-22	9															
11:25				CS-23	10															
Additional Instructions: <u>Bill to Pima Environmental</u>																				
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.										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) <u>Ned Rogers</u>		Date <u>3-7-22</u>	Time <u>12:40</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>3-7-22</u>	Time <u>1240</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>												
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>3-7-22</u>	Time <u>910</u>	Received by: (Signature) <u>Caitlin Chuter</u>		Date <u>3/9/22</u>	Time <u>8:11</u>													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other										Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																				





## Project Information

## Chain of Custody

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Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Lindale 12 Booster Riser</u>					Attention: _____		Lab WO# <u>E 203036</u>		Job Number <u>21064-000</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address: _____		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip _____											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone: _____		DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX								State	
Phone: <u>580-748-1613</u>					Email: _____										NM	CO
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>12-4</u>		Remarks									
Report due by: _____																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											
11:30	3/3/22	S	1	CS-24	11											
11:35				CS-25	12											
11:40				CS-26	13											
11:45				CS-27	14											
11:50				CS-28	15											
11:55				CS-29	16											
12:00				CS-30	17											
12:05				CS-31	18											
12:10				CS-32	19											
12:15				CS-33	20											
Additional Instructions: <u>Bill to Pima Environmental</u>																
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) <u>[Signature]</u>		Date	Time	Received by: (Signature) <u>[Signature]</u>		Date	Time	Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>								
Relinquished by: (Signature) <u>[Signature]</u>		Date	Time	Received by: (Signature) <u>[Signature]</u>		Date	Time									
Relinquished by: (Signature) _____		Date	Time	Received by: (Signature) _____		Date	Time									
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 3/9/2022 12:28:25PM

## 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:	03/09/22 08:11	Work Order ID:	E203036
Phone:	(575) 631-6977	Date Logged In:	03/07/22 13:46	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203037

Job Number: 21064-0001

Received: 3/9/2022

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/15/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12" Booster Riser  
Workorder: E203037  
Date Received: 3/9/2022 8:11:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:11:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/15/22 09:19
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-34	E203037-01A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-35	E203037-02A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-36	E203037-03A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-37	E203037-04A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-38	E203037-05A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-39	E203037-06A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-40	E203037-07A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-41	E203037-08A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-42	E203037-09A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-43	E203037-10A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-44	E203037-11A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-45	E203037-12A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-46	E203037-13A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-47	E203037-14A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-48	E203037-15A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-49	E203037-16A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-50	E203037-17A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-51	E203037-18A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-52	E203037-19A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.
CS-53	E203037-20A	Soil	03/07/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-34

## E203037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
Surrogate: 4-Bromochlorobenzene-PID	93.4 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.1 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	97.2 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	552	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-35

## E203037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.1 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211059	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>	98.2 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211047	
Chloride	670	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-36

## E203037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	1060	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-37

E203037-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.6 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	659	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-38

E203037-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	543	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-39

## E203037-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	677	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-40

## E203037-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	661	20.0	1	03/09/22	03/10/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-41

E203037-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	645	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 9:19:09AM
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CS-42

E203037-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.3 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211059	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	91.5 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211047	
Chloride	539	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-43

E203037-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.5 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	96.8 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	516	20.0	1	03/09/22	03/10/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-44

## E203037-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	99.8 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	641	20.0	1	03/09/22	03/10/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 9:19:09AM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS-45

E203037-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211059	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	98.5 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211047	
Chloride	663	20.0	1	03/09/22	03/11/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-46

E203037-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	287	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-47

E203037-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	522	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-48

E203037-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	665	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-49

E203037-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	653	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-50

## E203037-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	531	20.0	1	03/09/22	03/11/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

## CS-51

## E203037-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	403	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-52

E203037-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	668	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 9:19:09AM

CS-53

E203037-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Benzene	ND	0.0250	1	03/09/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/14/22	
Toluene	ND	0.0250	1	03/09/22	03/14/22	
o-Xylene	ND	0.0250	1	03/09/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211044
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/09/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
<i>Surrogate: n-Nonane</i>						
	77.4 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211047
Chloride	667	20.0	1	03/09/22	03/11/22	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 9:19:09AM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2211044-BLK1)

Prepared: 03/09/22 Analyzed: 03/13/22

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	7.30		8.00		91.3	70-130			

## LCS (2211044-BS1)

Prepared: 03/09/22 Analyzed: 03/13/22

Benzene	4.16	0.0250	5.00		83.1	70-130			
Ethylbenzene	4.34	0.0250	5.00		86.8	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.45	0.0250	5.00		88.9	70-130			
p,m-Xylene	8.83	0.0500	10.0		88.3	70-130			
Total Xylenes	13.3	0.0250	15.0		88.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

## Matrix Spike (2211044-MS1)

Source: E203037-04

Prepared: 03/09/22 Analyzed: 03/13/22

Benzene	4.34	0.0250	5.00	ND	86.8	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133			
Toluene	4.61	0.0250	5.00	ND	92.2	61-130			
o-Xylene	4.62	0.0250	5.00	ND	92.4	63-131			
p,m-Xylene	9.19	0.0500	10.0	ND	91.9	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

## Matrix Spike Dup (2211044-MSD1)

Source: E203037-04

Prepared: 03/09/22 Analyzed: 03/13/22

Benzene	4.30	0.0250	5.00	ND	86.1	54-133	0.771	20	
Ethylbenzene	4.48	0.0250	5.00	ND	89.7	61-133	0.806	20	
Toluene	4.57	0.0250	5.00	ND	91.4	61-130	0.842	20	
o-Xylene	4.59	0.0250	5.00	ND	91.7	63-131	0.787	20	
p,m-Xylene	9.12	0.0500	10.0	ND	91.2	63-131	0.829	20	
Total Xylenes	13.7	0.0250	15.0	ND	91.4	63-131	0.815	20	
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 9:19:09AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211044-BLK1) Prepared: 03/09/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			

LCS (2211044-BS2) Prepared: 03/09/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

Matrix Spike (2211044-MS2) Source: E203037-04 Prepared: 03/09/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130			

Matrix Spike Dup (2211044-MSD2) Source: E203037-04 Prepared: 03/09/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130	2.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.03		8.00		100	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 9:19:09AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211059-BLK1)					Prepared: 03/10/22 Analyzed: 03/12/22				
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 (2211059-BS1)					Prepared: 03/10/22 Analyzed: 03/12/22				
Diesel Range Organics (C10-C28)	476	25.0	500		95.2	38-132			
Surrogate: n-Nonane	44.4		50.0		88.8	50-200			

Matrix Spike (2211059-MS1)					Source: E203037-13		Prepared: 03/10/22 Analyzed: 03/12/22		
Diesel Range Organics (C10-C28)	483	25.0	500	ND	96.6	38-132			
Surrogate: n-Nonane	44.7		50.0		89.4	50-200			

Matrix Spike Dup (2211059-MSD1)					Source: E203037-13		Prepared: 03/10/22 Analyzed: 03/12/22		
Diesel Range Organics (C10-C28)	493	25.0	500	ND	98.5	38-132	1.95	20	
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 9:19:09AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211047-BLK1)					Prepared: 03/09/22 Analyzed: 03/10/22				
Chloride	ND	20.0							
LCS (2211047-BS1)					Prepared: 03/09/22 Analyzed: 03/10/22				
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2211047-MS1)					Source: E203037-01		Prepared: 03/09/22 Analyzed: 03/10/22		
Chloride	801	20.0	250	552	99.7	80-120			
Matrix Spike Dup (2211047-MSD1)					Source: E203037-01		Prepared: 03/09/22 Analyzed: 03/10/22		
Chloride	796	20.0	250	552	97.8	80-120	0.613	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:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/15/22 09:19

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

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

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



## Project Information

## Chain of Custody

Page 5 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		<u>E203037</u>		<u>21064-0001</u>					<u>X</u>			
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method								RCRA		
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					
Phone: 580-748-1613					Email:												
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>12-4</u>												
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												
12:20	3/3/22	S	1	CS-34	1												
12:25				CS-35	2												
12:30				CS-36	3												
12:35				CS-37	4												
12:40				CS-38	5												
12:45				CS-39	6												
12:50				CS-40	7												
12:55				CS-41	8												
1:00				CS-42	9												
1:05				CS-43	10												
Additional Instructions: <u>Bill to Pima Environmental</u>																	
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		Lab Use Only					
<u>Ned Koper</u>		3-7-22		12:40		<u>[Signature]</u>		3-7-22		12:40		Received on ice: <u>(Y)</u> N					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____					
<u>[Signature]</u>		3-8-22		9:10		<u>Carsten Chuter</u>		3/9/22		8:11		AVG Temp °C <u>4</u>					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time							
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**



## Project Information

## Chain of Custody

Page 6 of 15

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Lyndale 12 Booster Riser</u>					Attention: _____					Lab WO# <u>E 70 3037</u>					Job Number <u>21064-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address: _____					Analysis and Method					<input checked="" type="checkbox"/>				RCRA					
Address: 5614 N. Lovington Hwy.					City, State, Zip _____																			
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone: _____					DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX					State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>									
Phone: 580-748-1613					Email: _____																			
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>																			
Report due by: _____																								

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks									
1:10	3/3/22	S	1	CS-44	11	<input checked="" type="checkbox"/>									
1:15				CS-45	12										
1:20				CS-46	13										
1:25				CS-47	14										
1:30				CS-48	15										
1:35				CS-49	16										
1:40				CS-50	17										
1:45				CS-51	18										
1:50				CS-52	19										
1:55				CS-53	20										

**Additional Instructions:** Bill to Pima Environmental

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) <u>Neil Rogers</u>	Date <u>3-7-22</u>	Time <u>12:40</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-7-22</u>	Time <u>1240</u>	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-8-22</u>	Time <u>9:00</u>	Received by: (Signature) <u>Carsten Choten</u>	Date <u>3/9/22</u>	Time <u>8:11</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

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 Analytical Laboratory

Printed: 3/9/2022 12:30:06PM

## 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:	03/09/22 08:11	Work Order ID:	E203037
Phone:	(575) 631-6977	Date Logged In:	03/07/22 13:49	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/Resolution

Project was split into 7 reports due to sample amount. WOs: E203035 Page 1&2 of 15, E203036 Page 3&4 of 15, E203037 Page 5&6 of 15, E203038 Page 7&8 of 15, E203039 Page 9&10 of 15. E203040 Page 11&12 of 15, E203041 Page 13 to 15 of 15.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203038

Job Number: 21064-0001

Received: 3/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/15/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale 12" Booster Riser  
Workorder: E203038  
Date Received: 3/9/2022 8:12:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:12:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/15/22 13:50
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-54	E203038-01A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-55	E203038-02A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-56	E203038-03A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-57	E203038-04A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-58	E203038-05A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-59	E203038-06A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-60	E203038-07A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-61	E203038-08A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-62	E203038-09A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-63	E203038-10A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-64	E203038-11A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 8 South	E203038-12A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 9 North	E203038-13A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 10 South	E203038-14A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 11 North	E203038-15A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 12 South	E203038-16A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 13 North	E203038-17A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
SW- 14 West	E203038-18A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-65	E203038-19A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.
CS-66	E203038-20A	Soil	03/03/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## CS-54

## E203038-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	105 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	105 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	117 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	625	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-55

E203038-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	132 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	621	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-56

E203038-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		103 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		103 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane		128 %	50-200	03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	663	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-57

E203038-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	145 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	648	20.0	1	03/09/22	03/11/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-58

E203038-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	140 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	640	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-59

E203038-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	108 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	495	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## CS-60

## E203038-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	153 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	682	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## CS-61

## E203038-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	133 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	640	20.0	1	03/09/22	03/11/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 1:50:25PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS-62

E203038-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211046	
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	100 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2211046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	100 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211060	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	192 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211040	
Chloride	692	20.0	1	03/09/22	03/11/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## CS-63

## E203038-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	194 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	628	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## CS-64

## E203038-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/12/22	
Surrogate: n-Nonane	126 %	50-200		03/10/22	03/12/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	619	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 8 South

E203038-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	104 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	104 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	916	20.0	1	03/09/22	03/12/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 1:50:25PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW- 9 North  
E203038-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	101 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	131 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	596	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 10 South

## E203038-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	105 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	105 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	103 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	623	20.0	1	03/09/22	03/12/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 11 North

E203038-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	106 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	748	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 12 South

## E203038-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	103 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	105 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	966	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 13 North

E203038-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		03/09/22	03/12/22	
Surrogate: Toluene-d8	100 %	70-130		03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	144 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	612	20.0	1	03/09/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

## SW- 14 West

## E203038-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		102 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		104 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		102 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		104 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane		109 %	50-200	03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	769	20.0	1	03/09/22	03/11/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-65

E203038-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/12/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/12/22	
Toluene	ND	0.0250	1	03/09/22	03/12/22	
o-Xylene	ND	0.0250	1	03/09/22	03/12/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/12/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		101 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/12/22	
Surrogate: Bromofluorobenzene		100 %	70-130	03/09/22	03/12/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/09/22	03/12/22	
Surrogate: Toluene-d8		101 %	70-130	03/09/22	03/12/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane		165 %	50-200	03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	803	20.0	1	03/09/22	03/11/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:50:25PM

CS-66

E203038-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Benzene	ND	0.0250	1	03/09/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/09/22	03/13/22	
Toluene	ND	0.0250	1	03/09/22	03/13/22	
o-Xylene	ND	0.0250	1	03/09/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/09/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/09/22	03/13/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/09/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/09/22	03/13/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211046
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/22	03/13/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/09/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/09/22	03/13/22	
Surrogate: Toluene-d8	102 %	70-130		03/09/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	106 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211040
Chloride	792	20.0	1	03/09/22	03/11/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:50:25PM

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 (2211046-BLK1)

Prepared: 03/09/22 Analyzed: 03/12/22

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	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2211046-BS1)

Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.48	0.0250	2.50		99.2	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.62	0.0250	2.50		105	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	5.14	0.0500	5.00		103	70-130			
Total Xylenes	7.69	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike (2211046-MS1)

Source: E203038-05 Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.46	0.0250	2.50	ND	98.2	48-131			
Ethylbenzene	2.63	0.0250	2.50	ND	105	45-135			
Toluene	2.64	0.0250	2.50	ND	106	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2211046-MSD1)

Source: E203038-05 Prepared: 03/09/22 Analyzed: 03/12/22

Benzene	2.40	0.0250	2.50	ND	95.9	48-131	2.39	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	0.476	27	
Toluene	2.60	0.0250	2.50	ND	104	48-130	1.57	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	0.376	27	
p,m-Xylene	5.14	0.0500	5.00	ND	103	43-135	0.253	27	
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135	0.0456	27	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b>
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:50:25PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

## Blank (2211046-BLK1)

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

## LCS (2211046-BS2)

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
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			

## Matrix Spike (2211046-MS2)

Source: E203038-05

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

## Matrix Spike Dup (2211046-MSD2)

Source: E203038-05

Prepared: 03/09/22 Analyzed: 03/12/22

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130	7.23	20	
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:  3/15/2022 1:50:25PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2211060-BLK1)					Prepared: 03/10/22 Analyzed: 03/14/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.0		50.0		100	50-200			

LCS (2211060-BS1)					Prepared: 03/10/22 Analyzed: 03/14/22				
Diesel Range Organics (C10-C28)	570	25.0	500		114	38-132			
Surrogate: n-Nonane	56.5		50.0		113	50-200			

Matrix Spike (2211060-MS1)					Source: E203038-17		Prepared: 03/10/22 Analyzed: 03/14/22		
Diesel Range Organics (C10-C28)	455	25.0	500	ND	91.1	38-132			
Surrogate: n-Nonane	50.0		50.0		100	50-200			

Matrix Spike Dup (2211060-MSD1)					Source: E203038-17		Prepared: 03/10/22 Analyzed: 03/14/22		
Diesel Range Organics (C10-C28)	449	25.0	500	ND	89.7	38-132	1.45	20	
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:50:25PM

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 (2211040-BLK1)					Prepared: 03/09/22 Analyzed: 03/11/22				
Chloride	ND	20.0							
LCS (2211040-BS1)					Prepared: 03/09/22 Analyzed: 03/11/22				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2211040-MS1)					Source: E203038-01		Prepared: 03/09/22 Analyzed: 03/11/22		
Chloride	873	20.0	250	625	99.4	80-120			
Matrix Spike Dup (2211040-MSD1)					Source: E203038-01		Prepared: 03/09/22 Analyzed: 03/11/22		
Chloride	893	20.0	250	625	107	80-120	2.21	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:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/15/22 13:50

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

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

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



## Project Information

## Chain of Custody

Page 7 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Lindale 12 Booster Rise</u>					Attention:		Lab WO# <u>E203038</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX								State	
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>										NM CO UT AZ TX <input checked="" type="checkbox"/>	
Report due by:															Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
2:00	3/3/22	S	1	CS-54	1
2:05				CS-55	2
2:10				CS-56	3
2:15				CS-57	4
2:20				CS-58	5
2:25				CS-59	6
2:30				CS-60	7
2:35				CS-61	8
2:40				CS-62	9
2:45				CS-63	10

Additional Instructions: Bill to Pima Environmental

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) <u>Red Rogers</u>	Date <u>3-7-22</u>	Time <u>12:40</u>	Received by: (Signature) <u>John</u>	Date <u>3-7-22</u>	Time <u>1240</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>John</u>	Date <u>3-8-22</u>	Time <u>910</u>	Received by: (Signature) <u>Carla Chuter</u>	Date <u>3/9/22</u>	Time <u>8:12</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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.





## Project Information

## Chain of Custody

Page 8 of 15

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Lindale 12 Booster Reser</u>					Attention: _____					Lab WO# <u>E 203038</u>		Job Number <u>210604-0001</u>			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Tom Bynum					Address: _____					Analysis and Method														
Address: 5614 N. Lovington Hwy.					City, State, Zip _____																			RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone: _____															State				
Phone: 580-748-1613					Email: _____															NM	CO	UT	AZ	TX
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>															X				
Report due by: _____																				Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BDOC NM	BDOC TX									
2:50	3/3/22	S	1	CS-64	11									X										
9:00	3/4/22	S		SW-8 South	12																			
9:05				SW-9 North	13																			
9:10				SW-10 South	14																			
9:15				SW-11 North	15																			
9:20				SW-12 South	16																			
9:25				SW-13 North	17																			
9:30				SW-14 West	18																			
9:35				CS-65	19																			
9:40				CS-66	20																			
Additional Instructions: <u>Bill to Pima Environmental</u>																								
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.										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) <u>Ned Rogers</u>					Date <u>3-7-22</u>		Time <u>12:40</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>3-7-22</u>		Time <u>1240</u>		Lab Use Only						
Relinquished by: (Signature) <u>[Signature]</u>					Date <u>3-8-22</u>		Time <u>910</u>		Received by: (Signature) <u>Chaiten Chaiten</u>					Date <u>3/9/22</u>		Time <u>8:12</u>		Received on ice: <u>Y</u> N						
Relinquished by: (Signature) _____					Date _____		Time _____		Received by: (Signature) _____					Date _____		Time _____		T1 _____ T2 _____ T3 _____						
																		AVG Temp °C <u>4</u>						
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other										Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 3/9/2022 12:30:56PM

## 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:	03/09/22 08:12	Work Order ID:	E203038
Phone:	(575) 631-6977	Date Logged In:	03/07/22 13:52	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203039

Job Number: 21064-0001

Received: 3/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/14/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/14/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12" Booster Riser  
Workorder: E203039  
Date Received: 3/9/2022 8:12:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:12:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/14/22 18:15
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-67	E203039-01A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-68	E203039-02A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-69	E203039-03A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-70	E203039-04A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-71	E203039-05A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-72	E203039-06A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-73	E203039-07A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-74	E203039-08A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-75	E203039-09A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-76	E203039-10A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-77	E203039-11A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-78	E203039-12A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-79	E203039-13A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-80	E203039-14A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-81	E203039-15A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-82	E203039-16A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-83	E203039-17A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-84	E203039-18A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-85	E203039-19A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-86	E203039-20A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-67

E203039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: 4-Bromochlorobenzene-PID	95.9 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	103 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	649	20.0	1	03/11/22	03/13/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-68

## E203039-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.1 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.2 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	976	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-69

## E203039-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	825	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-70

## E203039-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	99.4 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	961	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-71

E203039-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	612	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-72

E203039-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	99.8 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	757	20.0	1	03/11/22	03/13/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-74

E203039-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	942	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-75

E203039-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	803	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-76

## E203039-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.4 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.1 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	657	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

CS-77

E203039-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	670	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-78

## E203039-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	830	20.0	1	03/11/22	03/14/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-79

## E203039-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	937	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-80

## E203039-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.4 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	955	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-81

## E203039-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	921	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-82

## E203039-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	829	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-83

## E203039-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	97.5 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	995	20.0	1	03/11/22	03/14/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-84

## E203039-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	800	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-85

## E203039-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	603	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/14/2022 6:15:24PM

## CS-86

## E203039-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.4 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211082
Chloride	815	20.0	1	03/11/22	03/14/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:15:24PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211052-BLK1)

Prepared: 03/10/22 Analyzed: 03/13/22

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	7.46		8.00		93.3	70-130			

LCS (2211052-BS1)

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	4.84	0.0250	5.00		96.7	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.34	0.0250	5.00		107	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

Matrix Spike (2211052-MS1)

Source: E203039-03

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	4.83	0.0250	5.00	ND	96.6	54-133			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133			
Toluene	5.34	0.0250	5.00	ND	107	61-130			
o-Xylene	5.10	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

Matrix Spike Dup (2211052-MSD1)

Source: E203039-03

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	4.87	0.0250	5.00	ND	97.4	54-133	0.799	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61-133	1.12	20	
Toluene	5.38	0.0250	5.00	ND	108	61-130	0.771	20	
o-Xylene	5.15	0.0250	5.00	ND	103	63-131	0.999	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	1.18	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	1.12	20	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:15:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211052-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.10		8.00		101	70-130			

LCS (2211052-BS2) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	70-130			

Matrix Spike (2211052-MS2) Source: E203039-03 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			

Matrix Spike Dup (2211052-MSD2) Source: E203039-03 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130	0.828	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:15:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211061-BLK1)					Prepared: 03/10/22 Analyzed: 03/12/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			

LCS (2211061-BS1)					Prepared: 03/10/22 Analyzed: 03/12/22				
Diesel Range Organics (C10-C28)	493	25.0	500		98.5	38-132			
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			

Matrix Spike (2211061-MS1)					Source: E203039-12		Prepared: 03/10/22 Analyzed: 03/12/22		
Diesel Range Organics (C10-C28)	542	25.0	500	ND	108	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

Matrix Spike Dup (2211061-MSD1)					Source: E203039-12		Prepared: 03/10/22 Analyzed: 03/13/22		
Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132	13.0	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2022 6:15:24PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211082-BLK1)					Prepared: 03/11/22 Analyzed: 03/13/22				
Chloride	ND	20.0							
LCS (2211082-BS1)					Prepared: 03/11/22 Analyzed: 03/13/22				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2211082-MS1)					Source: E203039-01		Prepared: 03/11/22 Analyzed: 03/13/22		
Chloride	899	20.0	250	649	100	80-120			
Matrix Spike Dup (2211082-MSD1)					Source: E203039-01		Prepared: 03/11/22 Analyzed: 03/13/22		
Chloride	867	20.0	250	649	87.1	80-120	3.65	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:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/14/22 18:15

- 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.



## Project Information

## Chain of Custody

Page 9 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only						TAT				EPA Program		
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO#		Job Number				1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		E203039		21004-0001							X			
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method											RCRA	
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							
Phone: 580-748-1613					Email:														
Email: tom@pimaoil.com					Pima Project # 12-4														
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		
9:45	3/4/22	S	1	CS-67	1											X			
9:50				CS-68	2														
9:55				CS-69	3														
10:00				CS-70	4														
10:05				CS-71	5														
10:10				CS-72	6														
10:15				CS-73	7														
10:20				CS-74	8														
10:25				CS-75	9														
10:30				CS-76	10														
Additional Instructions: <u>Bill to Pima Environmental</u>																			
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.												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	Lab Use Only											
<u>Mark Rogers</u>		3-7-22	12:40	<u>John Job</u>		3-7-22	12:40	Received on ice: <u>Y</u> / N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____											
<u>John Job</u>		3-8-22	9:10	<u>Caroline Chuter</u>		3/9/22	8:12	AVG Temp °C <u>4</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other												Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																			



## Project Information

## Chain of Custody

Page 10 of 15

Client: Pima Environmental Services Project: <u>Lyndale 12 Booster Riser</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: Address: City, State, Zip: Phone: Email: Pima Project # <u>12-4</u>					Lab Use Only Lab WO# <u>E203039</u> Job Number <u>21064-0001</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
State NM CO UT AZ TX X					Remarks															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
10:35	3/4/22	S	1	CS-77	11															
10:40				CS-78	12															
10:45				CS-79	13															
10:50				CS-80	14															
10:55				CS-81	15															
11:00				CS-82	16															
11:05				CS-83	17															
11:10				CS-84	18															
11:15				CS-85	19															
11:20				CS-86	20															
Additional Instructions: <u>Bill to Pima Environmental</u>																				
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.																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>3-7-22</u> Time <u>12:40</u> Received by: (Signature) <u>[Signature]</u> Date <u>3-7-22</u> Time <u>1240</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>3-8-22</u> Time <u>910</u> Received by: (Signature) <u>[Signature]</u> Date <u>3/9/22</u> Time <u>8:12</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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: 3/10/2022 3:48:39PM

## 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:	03/09/22 08:12	Work Order ID:	E203039
Phone:	(575) 631-6977	Date Logged In:	03/07/22 14:33	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/Resolution

Project was split into 7 reports due to sample amount. WOs: E203035 Page 1&2 of 15, E203036 Page 3&4 of 15, E203037 Page 5&6 of 15, E203038 Pg 7&8 of 15, E203039 Pg 9&10 of 15. E203040 Pg 11&12 of 15, E203041 Pg 13 to 15 of 15. Sample 7 not received.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



## Project Information

## Chain of Custody

Page 9 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Lindale 12 Booster River</u>					Attention:		Lab WO# <u>E203039</u>		Job Number <u>21004-001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								X	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
Phone: 580-748-1613					Email:		Chloride 300.0				BGDOC NM		BGDOC TX			
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>										State	
Report due by:															NM CO UT AZ TX	
															Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											
9:45	3/4/22	S	1	CS-67	1								X			
9:50				CS-68	2											
9:55				CS-69	3											
10:00				CS-70	4											
10:05				CS-71	5											
10:10				CS-72	6											
10:15				CS-73	7											Sample NOT received 3/10/22 CC
10:20				CS-74	8											
10:25				CS-75	9											
10:30				CS-76	10											
Additional Instructions: <u>Bill to Pima Environmental</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																
Sampled by:																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
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.																





## Project Information

## Chain of Custody

Page 10 of 15

Client: Pima Environmental Services Project: <u>Lindale 12 Booster Riser</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: Address: City, State, Zip Phone: Email: Pima Project # <u>12-4</u>					Lab Use Only Lab WO# <u>E203039</u> Job Number <u>210(H-000)</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDGC NM	BDGC TX	Remarks						
10:35	3/4/22	S	1	CS-77	11							X								
10:40				CS-78	12															
10:45				CS-79	13															
10:50				CS-80	14															
10:55				CS-81	15															
11:00				CS-82	16															
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11:15				CS-85	19															
11:20				CS-86	20															
Additional Instructions: <u>Bill to Pima Environmental</u>																				
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Relinquished by: (Signature) <u>Neil Rojas</u> Date <u>3-7-22</u> Time <u>12:40</u>					Received by: (Signature) <u>John</u> Date <u>3-7-22</u> Time <u>1240</u>					Lab Use Only Received on ice: <u>(Y) N</u>										
Relinquished by: (Signature) _____ Date _____ Time _____					Received by: (Signature) _____ Date <u>3-7-22</u> Time _____					T1 _____ T2 _____ T3 _____										
Relinquished by: (Signature) <u>John</u> Date <u>3-8-22</u> Time <u>9:10</u>					Received by: (Signature) <u>Carla Chata</u> Date <u>3/9/22</u> Time <u>8:12</u>					AVG Temp °C <u>4</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
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Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203040

Job Number: 21064-0001

Received: 3/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/15/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale 12" Booster Riser  
Workorder: E203040  
Date Received: 3/9/2022 8:12:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:12:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/15/22 13:55
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-87	E203040-01A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-88	E203040-02A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-89	E203040-03A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-90	E203040-04A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-91	E203040-05A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-92	E203040-06A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-93	E203040-07A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-94	E203040-08A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-95	E203040-09A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-96	E203040-10A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-97	E203040-11A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-98	E203040-12A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-99	E203040-13A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-100	E203040-14A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-101	E203040-15A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-102	E203040-16A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-103	E203040-17A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-104	E203040-18A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-105	E203040-19A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-106	E203040-20A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-87

## E203040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	154 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	842	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

CS-88

E203040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1130	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-89

## E203040-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	136 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	727	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-90

## E203040-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1030	20.0	1	03/11/22	03/12/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-91

## E203040-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	170 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	679	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-92

## E203040-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	195 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1020	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-93

## E203040-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	140 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1020	20.0	1	03/11/22	03/12/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 1:55:39PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS-94

E203040-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.4 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211062	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	151 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211083	
Chloride	859	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-95

## E203040-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.4 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	663	20.0	1	03/11/22	03/12/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-96

## E203040-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.3 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	672	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

CS-97

E203040-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1010	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-98

## E203040-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.5 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/15/22	
<i>Surrogate: n-Nonane</i>						
		126 %	50-200	03/10/22	03/15/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	1020	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-99

## E203040-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	151 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	661	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-100

## E203040-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.5 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/15/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		03/10/22	03/15/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	918	20.0	1	03/11/22	03/12/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-101

## E203040-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/15/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		03/10/22	03/15/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	669	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-102

## E203040-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/15/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		03/10/22	03/15/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	632	20.0	1	03/11/22	03/12/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 1:55:39PM
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CS-103  
E203040-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.7 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211062	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	117 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211083	
Chloride	891	20.0	1	03/11/22	03/12/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 1:55:39PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS-104  
E203040-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2211053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2211062	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	154 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2211083	
Chloride	996	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-105

## E203040-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	965	20.0	1	03/11/22	03/12/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:55:39PM

## CS-106

## E203040-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211053
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.9 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211062
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211083
Chloride	664	20.0	1	03/11/22	03/12/22	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:55:39PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211053-BLK1) Prepared: 03/10/22 Analyzed: 03/14/22

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	7.35		8.00		91.9	70-130			

LCS (2211053-BS1) Prepared: 03/10/22 Analyzed: 03/14/22

Benzene	4.29	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.45	0.0250	5.00		89.1	70-130			
Toluene	4.55	0.0250	5.00		91.0	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

Matrix Spike (2211053-MS1) Source: E203040-04 Prepared: 03/10/22 Analyzed: 03/14/22

Benzene	4.35	0.0250	5.00	ND	87.1	54-133			
Ethylbenzene	4.53	0.0250	5.00	ND	90.5	61-133			
Toluene	4.63	0.0250	5.00	ND	92.6	61-130			
o-Xylene	4.64	0.0250	5.00	ND	92.9	63-131			
p,m-Xylene	9.20	0.0500	10.0	ND	92.0	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			

Matrix Spike Dup (2211053-MSD1) Source: E203040-04 Prepared: 03/10/22 Analyzed: 03/14/22

Benzene	4.31	0.0250	5.00	ND	86.3	54-133	0.917	20	
Ethylbenzene	4.47	0.0250	5.00	ND	89.3	61-133	1.34	20	
Toluene	4.58	0.0250	5.00	ND	91.6	61-130	1.13	20	
o-Xylene	4.59	0.0250	5.00	ND	91.7	63-131	1.29	20	
p,m-Xylene	9.05	0.0500	10.0	ND	90.5	63-131	1.59	20	
Total Xylenes	13.6	0.0250	15.0	ND	90.9	63-131	1.49	20	
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:55:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211053-BLK1) Prepared: 03/10/22 Analyzed: 03/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

LCS (2211053-BS2) Prepared: 03/10/22 Analyzed: 03/14/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			

Matrix Spike (2211053-MS2) Source: E203040-04 Prepared: 03/10/22 Analyzed: 03/14/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

Matrix Spike Dup (2211053-MSD2) Source: E203040-04 Prepared: 03/10/22 Analyzed: 03/14/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	87.9	70-130	0.374	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:55:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211062-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	77.4		50.0		155	50-200			

LCS (2211062-BS1) Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	550	25.0	500		110	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			

Matrix Spike (2211062-MS1) Source: E203040-20 Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	528	25.0	500	ND	106	38-132			
Surrogate: n-Nonane	58.9		50.0		118	50-200			

Matrix Spike Dup (2211062-MSD1) Source: E203040-20 Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	558	25.0	500	ND	112	38-132	5.54	20	
Surrogate: n-Nonane	53.8		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:55:39PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211083-BLK1)					Prepared: 03/11/22 Analyzed: 03/12/22				
Chloride	ND	20.0							
LCS (2211083-BS1)					Prepared: 03/11/22 Analyzed: 03/12/22				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2211083-MS1)					Source: E203040-01		Prepared: 03/11/22 Analyzed: 03/12/22		
Chloride	1150	20.0	250	842	122	80-120			M2
Matrix Spike Dup (2211083-MSD1)					Source: E203040-01		Prepared: 03/11/22 Analyzed: 03/12/22		
Chloride	1170	20.0	250	842	131	80-120	1.74	20	M2

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/15/22 13:55

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Project Information

## Chain of Custody

Page 11 of 15

Client: Pima Environmental Services Project: <u>Arndale 12 Booster Riser</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:					<b>Bill To</b> Attention: Address: City, State, Zip: Phone: Email: Pima Project # <u>12-4</u>					<b>Lab Use Only</b> Lab WO# <u>E203040</u> Job Number <u>21004-0001</u> Analysis and Method						<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA	
					DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						State NM CO UT AZ TX X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
11:25	3/4/22	S	1	CS-87	1							X									
11:30				CS-88	2																
11:35				CS-89	3																
11:40				CS-90	4																
11:45				CS-91	5																
11:50				CS-92	6																
11:55				CS-93	7																
12:00				CS-94	8																
12:05				CS-95	9																
12:10				CS-96	10																
<b>Additional Instructions:</b> <u>Bill to Pima Environmental</u>																					
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.																					
Relinquished by: (Signature) <u>Neil Rogers</u> Date <u>3-7-22</u> Time <u>12:40</u> Received by: (Signature) <u>John</u> Date <u>3-7-22</u> Time <u>12:40</u>																					
Relinquished by: (Signature) <u>John</u> Date <u>3-8-22</u> Time <u>9:10</u> Received by: (Signature) <u>Colleen Chuteau</u> Date <u>3/9/22</u> Time <u>8:12</u>																					
Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																					
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u> Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>																					
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.																					





## Project Information

## Chain of Custody

Page 12 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program																	
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO# <u>E203040</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA																
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA															
Address: 5614 N. Lovington Hwy.					City, State, Zip												State															
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		BGDOC TX		NM		CO		UT		AZ		TX	
Phone: 580-748-1613					Email:																											
Email: tom@pimaoil.com					Pima Project # <u>12-41</u>																											
Report due by:																																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													Remarks														
12:15	3/4/22	S	1	CS-97	11																											
12:20				CS-98	12																											
12:25				CS-99	13																											
12:30				CS-100	14																											
12:35				CS-101	15																											
12:40				CS-102	16																											
12:45				CS-103	17																											
12:50				CS-104	18																											
12:55				CS-105	19																											
1:00				CS-106	20																											
Additional Instructions: <u>Bill to Pima Environmental</u>																																
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.																																
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		Lab Use Only																				
<u>Neil Rogers</u>		3-7-22		12:40		<u>Jim Job</u>		3-7-22		12:40		Received on ice: <u>Y</u> / N																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1																				
<u>Jim Job</u>		3-8-22		9:10		<u>Carsten Chertan</u>		3/9/22		8:12		T2																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T3																				
												AVG Temp °C <u>4</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 3/9/2022 12:31:41PM

## 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:	03/09/22 08:12	Work Order ID:	E203040
Phone:	(575) 631-6977	Date Logged In:	03/07/22 14:44	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/Resolution

Project was split into 7 reports due to sample amount. WOs: E203035 Page 1&2 of 15, E203036 Page 3&4 of 15, E203037 Page 5&6 of 15, E203038 Page 7&8 of 15, E203039 Page 9&10 of 15. E203040 Page 11&12 of 15, E203041 Page 13 to 15 of 15.

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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12" Booster Riser

Work Order: E203041

Job Number: 21064-0001

Received: 3/9/2022

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/15/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale 12" Booster Riser  
Workorder: E203041  
Date Received: 3/9/2022 8:13:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2022 8:13:00AM, under the Project Name: Lindale 12" Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12" Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 03/15/22 13:09
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-107	E203041-01A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-108	E203041-02A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-109	E203041-03A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-110	E203041-04A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-111	E203041-05A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-112	E203041-06A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-113	E203041-07A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-114	E203041-08A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-115	E203041-09A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-116	E203041-10A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-117	E203041-11A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-118	E203041-12A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-119	E203041-13A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-120	E203041-14A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-121	E203041-15A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-122	E203041-16A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-123	E203041-17A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-124	E203041-18A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-125	E203041-19A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-126	E203041-20A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-127	E203041-21A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.
CS-128	E203041-22A	Soil	03/04/22	03/09/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-107

## E203041-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	102 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	102 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	119 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	762	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-108

## E203041-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	115 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	927	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-109

## E203041-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	113 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	961	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-110

## E203041-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	127 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	684	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-111

## E203041-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	110 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	770	20.0	1	03/11/22	03/13/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-112

## E203041-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	114 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	738	20.0	1	03/11/22	03/13/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 1:09:16PM
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CS-113  
E203041-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	120 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	837	20.0	1	03/11/22	03/13/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-114

## E203041-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	120 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	667	20.0	1	03/11/22	03/14/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 1:09:16PM
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CS-115  
E203041-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	94.2 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	637	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-116

## E203041-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	93.6 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	635	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-117

## E203041-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	99.1 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	92.8 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	99.1 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	107 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	957	20.0	1	03/11/22	03/14/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-118

## E203041-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	182 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	954	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-119

## E203041-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	117 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	763	20.0	1	03/11/22	03/14/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	<b>Reported:</b> 3/15/2022 1:09:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS-120  
E203041-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	98.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	144 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	748	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-121

## E203041-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	99.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	99.8 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	156 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	655	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-122

## E203041-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	106 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	647	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-123

## E203041-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	99.6 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	119 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	971	20.0	1	03/11/22	03/14/22	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 1:09:16PM
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CS-124  
E203041-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	100 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	111 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	776	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-125

## E203041-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	101 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	133 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	618	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-126

## E203041-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Benzene	ND	0.0250	1	03/10/22	03/14/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/14/22	
Toluene	ND	0.0250	1	03/10/22	03/14/22	
o-Xylene	ND	0.0250	1	03/10/22	03/14/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/14/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	102 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/14/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		03/10/22	03/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		03/10/22	03/14/22	
Surrogate: Toluene-d8	102 %	70-130		03/10/22	03/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/14/22	
Surrogate: n-Nonane	112 %	50-200		03/10/22	03/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211084
Chloride	964	20.0	1	03/11/22	03/14/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12" Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/15/2022 1:09:16PM
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CS-127  
E203041-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211067
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene		103 %	70-130	03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/10/22	03/13/22	
Surrogate: Toluene-d8		103 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211067
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene		103 %	70-130	03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/10/22	03/13/22	
Surrogate: Toluene-d8		103 %	70-130	03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211056
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane		119 %	50-200	03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211070
Chloride	675	20.0	1	03/11/22	03/14/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12" Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
3/15/2022 1:09:16PM

## CS-128

## E203041-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211067
Benzene	ND	0.0250	1	03/10/22	03/13/22	
Ethylbenzene	ND	0.0250	1	03/10/22	03/13/22	
Toluene	ND	0.0250	1	03/10/22	03/13/22	
o-Xylene	ND	0.0250	1	03/10/22	03/13/22	
p,m-Xylene	ND	0.0500	1	03/10/22	03/13/22	
Total Xylenes	ND	0.0250	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	103 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211067
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/22	03/13/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		03/10/22	03/13/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		03/10/22	03/13/22	
Surrogate: Toluene-d8	103 %	70-130		03/10/22	03/13/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211056
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/22	03/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/22	03/13/22	
Surrogate: n-Nonane	118 %	50-200		03/10/22	03/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211070
Chloride	1040	20.0	1	03/11/22	03/14/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

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 (2211067-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

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	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS (2211067-BS1) Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.40	0.0250	2.50		96.0	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.49	0.0250	2.50		99.4	70-130			
p,m-Xylene	5.08	0.0500	5.00		102	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2211067-MS1) Source: E203045-01 Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.44	0.0250	2.50	0.121	92.7	48-131			
Ethylbenzene	2.59	0.0250	2.50	0.272	92.7	45-135			
Toluene	2.57	0.0250	2.50	1.49	43.2	48-130			M2
o-Xylene	2.51	0.0250	2.50	0.364	85.7	43-135			
p,m-Xylene	5.11	0.0500	5.00	0.965	83.0	43-135			
Total Xylenes	7.62	0.0250	7.50	1.33	83.9	43-135			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike Dup (2211067-MSD1) Source: E203045-01 Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.42	0.0250	2.50	0.121	91.9	48-131	0.885	23	
Ethylbenzene	2.58	0.0250	2.50	0.272	92.2	45-135	0.426	27	
Toluene	2.56	0.0250	2.50	1.49	42.9	48-130	0.370	24	M2
o-Xylene	2.54	0.0250	2.50	0.364	87.0	43-135	1.29	27	
p,m-Xylene	5.08	0.0500	5.00	0.965	82.3	43-135	0.687	27	
Total Xylenes	7.62	0.0250	7.50	1.33	83.9	43-135	0.0328	27	
Surrogate: Bromofluorobenzene	0.473		0.500		94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

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 (2211068-BLK1)

Prepared: 03/10/22 Analyzed: 03/13/22

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	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS (2211068-BS1)

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.64	0.0250	2.50		105	70-130			
Ethylbenzene	2.78	0.0250	2.50		111	70-130			
Toluene	2.77	0.0250	2.50		111	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.34	0.0500	5.00		107	70-130			
Total Xylenes	8.01	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

Matrix Spike (2211068-MS1)

Source: E203041-01

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.77	0.0250	2.50	ND	111	48-131			
Ethylbenzene	2.88	0.0250	2.50	ND	115	45-135			
Toluene	2.84	0.0250	2.50	ND	114	48-130			
o-Xylene	2.80	0.0250	2.50	ND	112	43-135			
p,m-Xylene	5.61	0.0500	5.00	ND	112	43-135			
Total Xylenes	8.42	0.0250	7.50	ND	112	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

Matrix Spike Dup (2211068-MSD1)

Source: E203041-01

Prepared: 03/10/22 Analyzed: 03/13/22

Benzene	2.56	0.0250	2.50	ND	103	48-131	7.71	23	
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135	6.06	27	
Toluene	2.68	0.0250	2.50	ND	107	48-130	5.89	24	
o-Xylene	2.62	0.0250	2.50	ND	105	43-135	6.88	27	
p,m-Xylene	5.24	0.0500	5.00	ND	105	43-135	6.85	27	
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135	6.86	27	
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:  3/15/2022 1:09:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211067-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS (2211067-BS2) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2211067-MS2) Source: E203045-01 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	68.4	20.0	50.0	16.6	104	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

Matrix Spike Dup (2211067-MSD2) Source: E203045-01 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	67.9	20.0	50.0	16.6	103	70-130	0.721	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

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 (2211068-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS (2211068-BS2) Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	63.1	20.0	50.0		126	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2211068-MS2) Source: E203041-01 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	61.0	20.0	50.0	ND	122	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2211068-MSD2) Source: E203041-01 Prepared: 03/10/22 Analyzed: 03/13/22

Gasoline Range Organics (C6-C10)	60.9	20.0	50.0	ND	122	70-130	0.167	20	
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211056-BLK1)					Prepared: 03/10/22 Analyzed: 03/13/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2211056-BS1)					Prepared: 03/10/22 Analyzed: 03/13/22				
Diesel Range Organics (C10-C28)	459	25.0	500		91.7	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike (2211056-MS1)					Source: E203045-01		Prepared: 03/10/22 Analyzed: 03/14/22		
Diesel Range Organics (C10-C28)	2030	250	500	1930	19.4	38-132			M4
Surrogate: n-Nonane	43.5		50.0		87.0	50-200			

Matrix Spike Dup (2211056-MSD1)					Source: E203045-01		Prepared: 03/10/22 Analyzed: 03/14/22		
Diesel Range Organics (C10-C28)	2290	250	500	1930	71.7	38-132	12.1	20	
Surrogate: n-Nonane	43.5		50.0		87.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211063-BLK1) Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.4		50.0		121	50-200			

LCS (2211063-BS1) Prepared: 03/10/22 Analyzed: 03/13/22

Diesel Range Organics (C10-C28)	593	25.0	500		119	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

Matrix Spike (2211063-MS1) Source: E203041-08 Prepared: 03/10/22 Analyzed: 03/14/22

Diesel Range Organics (C10-C28)	407	25.0	500	ND	81.3	38-132			
Surrogate: n-Nonane	45.8		50.0		91.5	50-200			

Matrix Spike Dup (2211063-MSD1) Source: E203041-08 Prepared: 03/10/22 Analyzed: 03/14/22

Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.3	38-132	15.8	20	
Surrogate: n-Nonane	50.0		50.0		100	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

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 (2211070-BLK1)					Prepared: 03/10/22 Analyzed: 03/10/22				
Chloride	ND	20.0							
LCS (2211070-BS1)					Prepared: 03/10/22 Analyzed: 03/11/22				
Chloride	247	20.0	250		98.7	90-110			
LCS Dup (2211070-BSD1)					Prepared: 03/10/22 Analyzed: 03/11/22				
Chloride	249	20.0	250		99.5	90-110	0.827	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12" Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/15/2022 1:09:16PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211084-BLK1)					Prepared: 03/11/22 Analyzed: 03/13/22				
Chloride	ND	20.0							
LCS (2211084-BS1)					Prepared: 03/11/22 Analyzed: 03/13/22				
Chloride	268	20.0	250		107	90-110			
Matrix Spike (2211084-MS1)					Source: E203041-02		Prepared: 03/11/22 Analyzed: 03/13/22		
Chloride	1200	20.0	250	927	110	80-120			
Matrix Spike Dup (2211084-MSD1)					Source: E203041-02		Prepared: 03/11/22 Analyzed: 03/13/22		
Chloride	1190	20.0	250	927	105	80-120	1.21	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:	Lindale 12" Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/15/22 13:09

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Project Information

## Chain of Custody

Page 13 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program																	
Project: <u>Andale 12 Booster Riser</u>					Attention:		Lab WO# <u>E-203041</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA																
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA															
Address: 5614 N. Lovington Hwy.					City, State, Zip												State															
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		DRQ/DRO by 8015		GRQ/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		BGDOC TX		NM		CO		UT		AZ		TX	
Phone: 580-748-1613					Email:																											
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>																											
Report due by:																																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													Remarks														
1:05	3/4/22	S	1	CS-107	1																											
1:10				CS-108	2																											
1:15				CS-109	3																											
1:20				CS-110	4																											
1:25				CS-111	5																											
1:30				CS-112	6																											
1:35				CS-113	7																											
1:40				CS-114	8																											
1:45				CS-115	9																											
1:50				CS-116	10																											
Additional Instructions: <u>Bill to Pima Environmental</u>																																
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.																																
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		Lab Use Only																				
<u>Aed Rogers</u>		3-7-22		12:40		<u>John John</u>		3-7-22		1240		Received on ice: <u>(Y)</u> / N																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3																				
<u>John John</u>		3-8-22		910		<u>Caitlin Chilton</u>		3/9/22		8:13																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																																





## Project Information

## Chain of Custody

Page 14 of 15

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		<u>E-203041</u>		<u>21064-000</u>					X				
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method										RCRA	
City, State, Zip: Hobbs, NM, 88240					Phone:		DRQ/RO by 8015	GRO/RO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
1:55	3/4/22	S	1	CS-117	11									X				
2:00				CS-118	12													
2:05				CS-119	13													
2:10				CS-120	14													
2:15				CS-121	15													
2:20				CS-122	16													
2:25				CS-123	17													
2:30				CS-124	18													
2:35				CS-125	19													
2:40				CS-126	20													
Additional Instructions: <u>Bill to Pima Environmental</u>																		
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.										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	Lab Use Only										
<u>Neil Rogers</u>		3-7-22	12:40	<u>Jim Job</u>		3-7-22	12:40	Received on ice: <u>(Y)</u> / N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>Jim Job</u>		3-8-22	9:10	<u>Caitlin Chatur</u>		3/9/22	8:13											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other						Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 3/9/2022 12:32:26PM

## 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:	03/09/22 08:13	Work Order ID:	E203041
Phone:	(575) 631-6977	Date Logged In:	03/07/22 14:45	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/22 17:00 (3 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CarrierComments/Resolution

Project was split into 7 reports due to sample amount. WOs: E203035 Page 1&2 of 15, E203036 Page 3&4 of 15, E203037 Page 5&6 of 15, E203038 Page 7&8 of 15, E203039 Page 9&10 of 15. E203040 Page 11&12 of 15, E203041 Page 13 to 15 of 15.

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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E203163

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/5/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/5/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale 12 Booster Riser  
Workorder: E203163  
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/22 17:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS29	E203163-01A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS30	E203163-02A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS35	E203163-03A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS36	E203163-04A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS37	E203163-05A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS39	E203163-06A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS40	E203163-07A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS41	E203163-08A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS44	E203163-09A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS45	E203163-10A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS48	E203163-11A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS49	E203163-12A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS52	E203163-13A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS53	E203163-14A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS54	E203163-15A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS55	E203163-16A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS56	E203163-17A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS57	E203163-18A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS58	E203163-19A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS60	E203163-20A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS29

## E203163-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	99.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	191 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	597	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS30

## E203163-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	112 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	579	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS35

## E203163-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	113 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	581	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS36

## E203163-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	116 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	555	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

CS37

E203163-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.6 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.6 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	113 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	81.2	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS39

## E203163-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	86.9	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS40

## E203163-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	111 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	523	20.0	1	03/30/22	04/01/22	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:50:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS41

E203163-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	110 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	101	20.0	1	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:50:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS44

E203163-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	114 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	103	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS45

## E203163-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	116 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	30.8	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS48

## E203163-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	581	20.0	1	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 5:50:31PM
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CS49

E203163-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.9 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.9 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	24.8	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS52

## E203163-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.9 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.9 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	112 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	593	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS53

## E203163-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	99.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	113 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	626	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS54

## E203163-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	97.2	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

CS55

E203163-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	98.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	112 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	225	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS56

## E203163-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/05/22	
Surrogate: n-Nonane	101 %	50-200		03/31/22	04/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	27.0	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

CS57

E203163-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	194	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:50:31PM

## CS58

## E203163-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2214068
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214044
Chloride	232	20.0	1	03/30/22	04/01/22	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:50:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS60

E203163-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214024	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.0 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.6 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: Bromofluorobenzene	91.0 %	70-130		03/29/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/29/22	04/01/22	
Surrogate: Toluene-d8	97.6 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2214068	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	111 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214044	
Chloride	117	20.0	1	03/30/22	04/01/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:50:31PM

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 (2214024-BLK1) Prepared: 03/29/22 Analyzed: 04/03/22

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	0.435		0.500		86.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2214024-BS1) Prepared: 03/29/22 Analyzed: 04/03/22

Benzene	2.30	0.0250	2.50		91.9	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Toluene	2.37	0.0250	2.50		94.9	70-130			
o-Xylene	2.27	0.0250	2.50		90.9	70-130			
p,m-Xylene	4.57	0.0500	5.00		91.5	70-130			
Total Xylenes	6.85	0.0250	7.50		91.3	70-130			
Surrogate: Bromofluorobenzene	0.473		0.500		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike (2214024-MS1) Source: E203163-01 Prepared: 03/29/22 Analyzed: 04/03/22

Benzene	2.19	0.0250	2.50	ND	87.7	48-131			
Ethylbenzene	2.20	0.0250	2.50	ND	88.2	45-135			
Toluene	2.19	0.0250	2.50	ND	87.5	48-130			
o-Xylene	2.19	0.0250	2.50	ND	87.5	43-135			
p,m-Xylene	4.31	0.0500	5.00	ND	86.3	43-135			
Total Xylenes	6.50	0.0250	7.50	ND	86.7	43-135			
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2214024-MSD1) Source: E203163-01 Prepared: 03/29/22 Analyzed: 04/03/22

Benzene	2.40	0.0250	2.50	ND	96.0	48-131	9.10	23	
Ethylbenzene	2.42	0.0250	2.50	ND	96.9	45-135	9.40	27	
Toluene	2.44	0.0250	2.50	ND	97.5	48-130	10.8	24	
o-Xylene	2.38	0.0250	2.50	ND	95.2	43-135	8.39	27	
p,m-Xylene	4.72	0.0500	5.00	ND	94.4	43-135	9.05	27	
Total Xylenes	7.10	0.0250	7.50	ND	94.7	43-135	8.83	27	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:50:31PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2214024-BLK1)

Prepared: 03/29/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.435		0.500		86.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

## LCS (2214024-BS2)

Prepared: 03/29/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

## Matrix Spike (2214024-MS2)

Source: E203163-01

Prepared: 03/29/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.471		0.500		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

## Matrix Spike Dup (2214024-MSD2)

Source: E203163-01

Prepared: 03/29/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	6.03	20	
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:50:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214068-BLK1)					Prepared: 03/31/22 Analyzed: 04/01/22				
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 (2214068-BS1)					Prepared: 03/31/22 Analyzed: 04/01/22				
Diesel Range Organics (C10-C28)	506	25.0	500		101	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

Matrix Spike (2214068-MS1)					Source: E203163-16		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	491	25.0	500	ND	98.1	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

Matrix Spike Dup (2214068-MSD1)					Source: E203163-16		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	485	25.0	500	ND	97.0	38-132	1.20	20	
Surrogate: n-Nonane	55.9		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:50:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214044-BLK1)					Prepared: 03/30/22 Analyzed: 04/01/22				
Chloride	ND	20.0							
LCS (2214044-BS1)					Prepared: 03/30/22 Analyzed: 04/01/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2214044-MS1)					Source: E203163-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	842	20.0	250	597	98.1	80-120			
Matrix Spike Dup (2214044-MSD1)					Source: E203163-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	863	20.0	250	597	106	80-120	2.40	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/22 17:50

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

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

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





## Project Information

## Chain of Custody

Page 3 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Indale 12 Booster Riser</u>					Attention:		Lab WO# <u>E203163</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								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 # <u>12-4</u>											
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	State	
9:40	3/19/22	S	1	CS29	1								X			
9:45				CS30	2											
9:50				CS35	3											
9:55				CS36	4											
10:00				CS37	5											
10:05				CS39	6											
10:10				CS40	7											
10:15				CS41	8											
10:20				CS44	9											
10:25				CS45	10											
Additional Instructions: <u>Bill To Pima Environmental</u>																
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.																
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	Lab Use Only								
<u>Red Kops</u>		3/25/22	11:50	<u>J.R. Bralley</u>		3/25/22	11:50	Received on ice: <u>(Y)</u> N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
<u>J.R. Bralley</u>		3/25/22	11:00	<u>Caitlin Chater</u>		3/28/22	8:15	AVG Temp °C <u>4</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u>																
Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>																
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.																



## Project Information

## Chain of Custody

Page 4 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Lindale 12 Booster River</u>					Attention:		Lab WO# <u>E 203163</u>		Job Number <u>21064-001</u>		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA		
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip												
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	
Phone: <u>580-748-1613</u>					Email:												NM
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>12-4</u>												CO
Report due by:																	UT
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks
10:30	3/19/22	S	1	CS 48	11												
10:35				CS 49	12												
10:40				CS 52	13												
10:45				CS 53	14												
10:50				CS 54	15												
10:55				CS 55	16												
11:00				CS 56	17												
11:05				CS 57	18												
11:10				CS 58	19												
11:15				CS 60	20												
Additional Instructions: <u>Bill To Pima Environmental</u>																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by:																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u>										Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>							
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 Analytical Laboratory

Printed: 3/28/2022 9:32:04AM

## 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:	03/28/22 08:15	Work Order ID:	E203163
Phone:	(575) 631-6977	Date Logged In:	03/25/22 12:55	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/01/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E203164

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/5/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/5/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12 Booster Riser  
Workorder: E203164  
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/22 17:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS61	E203164-01A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS62	E203164-02A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS63	E203164-03A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS64	E203164-04A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS65	E203164-05A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS66	E203164-06A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS67	E203164-07A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS68	E203164-08A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS69	E203164-09A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS70	E203164-10A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS71	E203164-11A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS72	E203164-12A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS73	E203164-13A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS74	E203164-14A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS75	E203164-15A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS76	E203164-16A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS77	E203164-17A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS78	E203164-18A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS79	E203164-19A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS80	E203164-20A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS61

## E203164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		95.6 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	129	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS62

## E203164-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	54.5	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS63

## E203164-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		120 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	97.3	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS64

## E203164-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	99.4	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS65

## E203164-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	98.1	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS66

E203164-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.1 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	118 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	53.8	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS67

## E203164-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		118 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	99.4	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS68

## E203164-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214069
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214045
Chloride	28.7	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS69

E203164-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	95.1 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	166	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS70

## E203164-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	136	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS71

## E203164-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214069
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214045
Chloride	ND	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS72

## E203164-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214069
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		96.7 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214045
Chloride	ND	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS73

E203164-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	102 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	148	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS74

E203164-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	101 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	102 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	151	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS75

## E203164-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	136	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS76

## E203164-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	122	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

CS77

E203164-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	228	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS78

E203164-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	ND	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 5:34:19PM

## CS79

## E203164-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	ND	20.0	1	03/30/22	04/05/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/5/2022 5:34:19PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS80

E203164-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Benzene	ND	0.0250	1	03/29/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/29/22	04/01/22	
Toluene	ND	0.0250	1	03/29/22	04/01/22	
o-Xylene	ND	0.0250	1	03/29/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/29/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/29/22	04/01/22	
Surrogate: 4-Bromochlorobenzene-PID	96.0 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	04/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		03/29/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2214069	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	98.6 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214045	
Chloride	ND	20.0	1	03/30/22	04/05/22	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:34:19PM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2214026-BLK1)

Prepared: 03/29/22 Analyzed: 04/02/22

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		101	70-130			

## LCS (2214026-BS1)

Prepared: 03/29/22 Analyzed: 04/02/22

Benzene	4.94	0.0250	5.00		98.9	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

## Matrix Spike (2214026-MS1)

Source: E203164-02

Prepared: 03/29/22 Analyzed: 04/02/22

Benzene	4.70	0.0250	5.00	ND	94.0	54-133			
Ethylbenzene	4.41	0.0250	5.00	ND	88.2	61-133			
Toluene	4.64	0.0250	5.00	ND	92.7	61-130			
o-Xylene	4.64	0.0250	5.00	ND	92.7	63-131			
p,m-Xylene	9.08	0.0500	10.0	ND	90.8	63-131			
Total Xylenes	13.7	0.0250	15.0	ND	91.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

## Matrix Spike Dup (2214026-MSD1)

Source: E203164-02

Prepared: 03/29/22 Analyzed: 04/02/22

Benzene	5.17	0.0250	5.00	ND	103	54-133	9.61	20	
Ethylbenzene	4.85	0.0250	5.00	ND	96.9	61-133	9.49	20	
Toluene	5.10	0.0250	5.00	ND	102	61-130	9.57	20	
o-Xylene	5.07	0.0250	5.00	ND	101	63-131	9.00	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131	9.17	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	9.11	20	
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:34:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214026-BLK1) Prepared: 03/29/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2214026-BS2) Prepared: 03/29/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

Matrix Spike (2214026-MS2) Source: E203164-02 Prepared: 03/29/22 Analyzed: 04/04/22

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

Matrix Spike Dup (2214026-MSD2) Source: E203164-02 Prepared: 03/29/22 Analyzed: 04/04/22

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	2.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:34:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214069-BLK1) Prepared: 03/31/22 Analyzed: 04/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2214069-BS1) Prepared: 03/31/22 Analyzed: 04/01/22

Diesel Range Organics (C10-C28)	451	25.0	500		90.3	38-132			
Surrogate: n-Nonane	59.6		50.0		119	50-200			

Matrix Spike (2214069-MS1) Source: E203164-20 Prepared: 03/31/22 Analyzed: 04/01/22

Diesel Range Organics (C10-C28)	445	25.0	500	ND	89.1	38-132			
Surrogate: n-Nonane	58.5		50.0		117	50-200			

Matrix Spike Dup (2214069-MSD1) Source: E203164-20 Prepared: 03/31/22 Analyzed: 04/01/22

Diesel Range Organics (C10-C28)	430	25.0	500	ND	85.9	38-132	3.63	20	
Surrogate: n-Nonane	59.3		50.0		119	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 5:34:19PM

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 (2214045-BLK1)					Prepared: 03/30/22 Analyzed: 03/31/22				
Chloride	ND	20.0							
LCS (2214045-BS1)					Prepared: 03/30/22 Analyzed: 03/31/22				
Chloride	252	20.0				90-110			
Matrix Spike (2214045-MS1)					Source: E203164-01		Prepared: 03/30/22 Analyzed: 03/31/22		
Chloride	380	20.0		129		80-120			
Matrix Spike Dup (2214045-MSD1)					Source: E203164-01		Prepared: 03/30/22 Analyzed: 03/31/22		
Chloride	363	20.0		129		80-120	4.58	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/22 17:34

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

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

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



## Project Information

## Chain of Custody

Page 5 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Lindale 12 Booster Rise</u>					Attention:		Lab WO# <u>E 203164</u>		Job Number <u>21064-001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								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 # <u>12-4</u>											
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
11:20	3/19/22	S	1	CS 61	1									X		
11:25				CS 62	2											
11:30				CS 63	3											
11:35				CS 64	4											
11:40				CS 65	5											
11:45				CS 66	6											
11:50				CS 67	7											
11:55				CS 68	8											
12:00				CS 69	9											
12:05				CS 70	10											
Additional Instructions: <u>Bill To Pima Environmental</u>																
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.																
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	Lab Use Only								
<u>Mad S. S. S.</u>		3/25/22	11:50	<u>AK B. B.</u>		3/25/22	11:50	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
<u>AK B. B.</u>		3/25/22	11:00	<u>Carsten Chute</u>		3/28/22	8:15	AVG Temp °C <u>4</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
Sample Matrix: <u>S - Soil</u> , Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: <u>g - glass</u> , 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.																



## Project Information

## Chain of Custody

Page 6 of 12

Client: Pima Environmental Services Project: <u>Lindale 12 Booster Riser</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>12-H</u>					Lab Use Only Lab WO# <u>E203164</u> Job Number <u>21064-0001</u> Analysis and Method DRO/RO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA State NM CO UT AZ TX <u>X</u>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks														
12:10	3/19/22	S	1	CS 71	11	X														
12:15	1	1	1	CS 72	12															
12:20	1	1	1	CS 73	13															
12:25	1	1	1	CS 74	14															
12:30	1	1	1	CS 75	15															
12:35	1	1	1	CS 76	16															
12:40	1	1	1	CS 77	17															
12:45	1	1	1	CS 78	18															
12:50	1	1	1	CS 79	19															
12:55	1	1	1	CS 80	20															
Additional Instructions: <u>Bill To Pima Environmental</u>																				
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.																				
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) <u>Red Kofers</u>		Date <u>3/25/22</u>		Time <u>11:50</u>		Received by: (Signature) <u>HB</u>		Date <u>3/25/22</u>		Time <u>11:50</u>		Lab Use Only Received on ice: <u>(X) N</u>								
Relinquished by: (Signature) <u>JK Bladdy</u>		Date <u>3/27/22</u>		Time <u>16:00</u>		Received by: (Signature) <u>Cynthia Clante</u>		Date <u>3/28/22</u>		Time <u>8:15</u>		T1 T2 T3								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>								
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u>																				
Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>																				
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 Analytical Laboratory

Printed: 3/28/2022 9:32:31AM

## 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:	03/28/22 08:15	Work Order ID:	E203164
Phone:	(575) 631-6977	Date Logged In:	03/25/22 12:57	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/01/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 6 reports due to amount of samples. Workorders are as follows: E203162 COC pg 1&2 of 12, E203163 COC pg 3&4 of 12, E203164 COC pg 5&6 of 12, E203165 COC pg 7&8 of 12, E203166 COC pg 9&10 of 12, E203167 COC pg 11&12 of 12

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E203165

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/6/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/6/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12 Booster Riser  
Workorder: E203165  
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/06/22 12:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS81	E203165-01A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS82	E203165-02A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS83	E203165-03A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS84	E203165-04A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS85	E203165-05A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS86	E203165-06A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS87	E203165-07A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS88	E203165-08A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS89	E203165-09A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS90	E203165-10A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS91	E203165-11A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS92	E203165-12A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS93	E203165-13A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS94	E203165-14A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS95	E203165-15A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS96	E203165-16A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS97	E203165-17A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS98	E203165-18A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS99	E203165-19A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS100	E203165-20A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

### CS81

### E203165-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2214070	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214046	
Chloride	272	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS82

## E203165-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	227	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS83

## E203165-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	246	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS84

## E203165-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	101	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS85

## E203165-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2214070	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2214046	
Chloride	85.3	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

CS86

E203165-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	101	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

CS87

E203165-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	330	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

CS88

E203165-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	118	20.0	1	03/30/22	03/31/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 4/6/2022 12:22:39PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS89

E203165-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: 4-Bromochlorobenzene-PID	96.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2214038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2214070	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	120 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214046	
Chloride	20.8	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS90

## E203165-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	20.8	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS91

## E203165-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>						
		118 %	50-200	03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	191	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS92

## E203165-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		121 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	150	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS93

## E203165-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	104	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS94

## E203165-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		159 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	20.9	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS95

## E203165-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		120 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	175	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS96

## E203165-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		121 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	201	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS97

## E203165-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	213	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS98

## E203165-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		124 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	31.3	20.0	1	03/30/22	03/31/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS99

## E203165-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	204	20.0	1	03/30/22	03/31/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:22:39PM

## CS100

## E203165-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2214038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
<i>Surrogate: n-Nonane</i>						
		117 %	50-200	03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214046
Chloride	185	20.0	1	03/30/22	03/31/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:22:39PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214038-BLK1)

Prepared: 03/30/22 Analyzed: 04/02/22

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	7.76		8.00		97.0	70-130			

LCS (2214038-BS1)

Prepared: 03/30/22 Analyzed: 04/02/22

Benzene	4.48	0.0250	5.00		89.6	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.87	0.0250	5.00		97.5	70-130			
o-Xylene	4.67	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.1	0.0250	15.0		94.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			

Matrix Spike (2214038-MS1)

Source: E203165-03

Prepared: 03/30/22 Analyzed: 04/02/22

Benzene	4.41	0.0250	5.00	ND	88.1	54-133			
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	61-133			
Toluene	4.80	0.0250	5.00	ND	96.0	61-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	63-131			
p,m-Xylene	9.33	0.0500	10.0	ND	93.3	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike Dup (2214038-MSD1)

Source: E203165-03

Prepared: 03/30/22 Analyzed: 04/02/22

Benzene	4.80	0.0250	5.00	ND	96.0	54-133	8.58	20	
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133	8.83	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	8.54	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	8.61	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	8.73	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	8.69	20	
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		97.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:22:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214038-BLK1) Prepared: 03/30/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

LCS (2214038-BS2) Prepared: 03/30/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

Matrix Spike (2214038-MS2) Source: E203165-03 Prepared: 03/30/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	ND	79.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

Matrix Spike Dup (2214038-MSD2) Source: E203165-03 Prepared: 03/30/22 Analyzed: 04/02/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.3	70-130	10.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:22:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214070-BLK1)					Prepared: 03/31/22 Analyzed: 04/01/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.1		50.0		114	50-200			

LCS (2214070-BS1)					Prepared: 03/31/22 Analyzed: 04/01/22				
Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

Matrix Spike (2214070-MS1)					Source: E203165-15		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	463	25.0	500	ND	92.6	38-132			
Surrogate: n-Nonane	57.3		50.0		115	50-200			

Matrix Spike Dup (2214070-MSD1)					Source: E203165-15		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	434	25.0	500	ND	86.7	38-132	6.61	20	
Surrogate: n-Nonane	57.2		50.0		114	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:22:39PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214046-BLK1)					Prepared: 03/30/22 Analyzed: 03/31/22				
Chloride	ND	20.0							
LCS (2214046-BS1)					Prepared: 03/30/22 Analyzed: 03/31/22				
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2214046-MS1)					Source: E203165-01		Prepared: 03/30/22 Analyzed: 03/31/22		
Chloride	534	20.0	250	272	105	80-120			
Matrix Spike Dup (2214046-MSD1)					Source: E203165-01		Prepared: 03/30/22 Analyzed: 03/31/22		
Chloride	509	20.0	250	272	94.8	80-120	4.90	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/06/22 12:22

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

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

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



## Project Information

## Chain of Custody

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Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Rise</u>					Attention:		Lab WO# <u>E203165</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip												State	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
1:00	3/19/22	S	1	CS 81	1													
1:05				CS 82	2													
1:10				CS 83	3													
1:15				CS 84	4													
1:20				CS 85	5													
1:25				CS 86	6													
1:30				CS 87	7													
1:35				CS 88	8													
1:40				CS 89	9													
1:45				CS 90	10													
Additional Instructions: <u>Bill To Pima Environmental</u>																		
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.																		
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	Lab Use Only										
<u>Neil Rogers</u>		3/25/22	11:50	<u>LR Boley</u>		3/25/22	11:50	Received on ice: <u>Y</u> / N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>LR Boley</u>		3/25/22	16:00	<u>Carlin Chuter</u>		3/28/22	8:15	AVG Temp °C <u>4</u>										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other										Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																		



## Project Information

## Chain of Custody

Page 8 of 12

Client: Pima Environmental Services Project: <u>Lindale 12 Booster Riser</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: Address: City, State, Zip Phone: Email: Pima Project # <u>12-H</u>					Lab Use Only Lab WO# <u>E203165</u> Job Number <u>210204-0001</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
1:50	3/15/22	S	1	CS 91	11							X								
1:55				CS 92	12															
2:00				CS 93	13															
2:05				CS 94	14															
2:10				CS 95	15															
2:15				CS 96	16															
2:20				CS 97	17															
2:25				CS 98	18															
2:30				CS 99	19															
2:35				CS 100	20															

**Additional Instructions:** Bill To Pima Environmental

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.

Relinquished by: (Signature) [Signature] Date 3/25/22 Time 11:50 Received by: (Signature) [Signature] Date 3/25/22 Time 11:50

Relinquished by: (Signature) [Signature] Date 3/25/22 Time 1600 Received by: (Signature) [Signature] Date 3/28/22 Time 8:15

Relinquished by: (Signature) [Signature] Date 3/25/22 Time 1600 Received by: (Signature) [Signature] Date 3/28/22 Time 8:15

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 Analytical Laboratory

Printed: 3/28/2022 9:36:55AM

## 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:	03/28/22 08:15	Work Order ID:	E203165
Phone:	(575) 631-6977	Date Logged In:	03/25/22 12:58	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/01/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 6 reports due to amount of samples. Workorders are as follows: E203162 COC pg 1&2 of 12, E203163 COC pg 3&4 of 12, E203164 COC pg 5&6 of 12, E203165 COC pg 7&8 of 12, E203166 COC pg 9&10 of 12, E203167 COC pg 11&12 of 12

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E203166

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/6/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/6/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale 12 Booster Riser  
Workorder: E203166  
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/06/22 12:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS101	E203166-01A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS102	E203166-02A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS103	E203166-03A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS104	E203166-04A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS105	E203166-05A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS106	E203166-06A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS107	E203166-07A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS108	E203166-08A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS109	E203166-09A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS110	E203166-10A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS111	E203166-11A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS112	E203166-12A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS113	E203166-13A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS114	E203166-14A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS115	E203166-15A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS116	E203166-16A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS117	E203166-17A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS118	E203166-18A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS119	E203166-19A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS120	E203166-20A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS101

## E203166-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	89.4 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	89.4 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.8 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	207	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS102

## E203166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.6 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.6 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	133	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS103

## E203166-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	148	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS104

## E203166-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	163	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS105

## E203166-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	130	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS106

## E203166-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	91.0 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	91.0 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	332	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS107

## E203166-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/01/22	
Toluene	ND	0.0250	1	03/30/22	04/01/22	
o-Xylene	ND	0.0250	1	03/30/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/01/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		03/30/22	04/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/01/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/01/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	228	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS108

## E203166-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.3 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.3 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	101 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	78.0	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS109

## E203166-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	90.8	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS110

## E203166-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.4 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	102 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	94.2	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS111

## E203166-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	101 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	128	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS112

## E203166-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	140	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

CS113

E203166-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	104 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	222	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS114

## E203166-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	272	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS115

## E203166-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	351	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS116

## E203166-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	106 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	304	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

CS117

E203166-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	87.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	87.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	104 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	ND	200	10	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

CS118

E203166-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	104 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	203	200	10	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/6/2022 12:27:57PM
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CS119

E203166-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	202	200	10	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/6/2022 12:27:57PM

## CS120

## E203166-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214039
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2214071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/03/22	
Surrogate: n-Nonane	102 %	50-200		03/31/22	04/03/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214047
Chloride	304	20.0	1	03/30/22	04/01/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:27:57PM

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 (2214039-BLK1) Prepared: 03/30/22 Analyzed: 04/05/22

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	0.457		0.500		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

LCS (2214039-BS1) Prepared: 03/30/22 Analyzed: 04/05/22

Benzene	2.36	0.0250	2.50		94.5	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.8	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.43	0.0250	2.50		97.4	70-130			
p,m-Xylene	4.79	0.0500	5.00		95.9	70-130			
Total Xylenes	7.23	0.0250	7.50		96.4	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike (2214039-MS1) Source: E203166-02 Prepared: 03/30/22 Analyzed: 04/05/22

Benzene	2.24	0.0250	2.50	ND	89.6	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.26	0.0250	2.50	ND	90.3	43-135			
p,m-Xylene	4.48	0.0500	5.00	ND	89.7	43-135			
Total Xylenes	6.74	0.0250	7.50	ND	89.9	43-135			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2214039-MSD1) Source: E203166-02 Prepared: 03/30/22 Analyzed: 04/05/22

Benzene	2.41	0.0250	2.50	ND	96.5	48-131	7.50	23	
Ethylbenzene	2.45	0.0250	2.50	ND	97.9	45-135	5.95	27	
Toluene	2.45	0.0250	2.50	ND	98.0	48-130	6.10	24	
o-Xylene	2.43	0.0250	2.50	ND	97.1	43-135	7.21	27	
p,m-Xylene	4.77	0.0500	5.00	ND	95.5	43-135	6.23	27	
Total Xylenes	7.20	0.0250	7.50	ND	96.0	43-135	6.56	27	
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:27:57PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2214039-BLK1)

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.457		0.500		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

## LCS (2214039-BS2)

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.9	70-130			
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

## Matrix Spike (2214039-MS2)

Source: E203166-02

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

## Matrix Spike Dup (2214039-MSD2)

Source: E203166-02

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130	3.99	20	
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:27:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214071-BLK1) Prepared: 03/31/22 Analyzed: 04/02/22

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 (2214071-BS1) Prepared: 03/31/22 Analyzed: 04/02/22

Diesel Range Organics (C10-C28)	435	25.0	500		87.0	38-132			
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			

Matrix Spike (2214071-MS1) Source: E203166-13 Prepared: 03/31/22 Analyzed: 04/02/22

Diesel Range Organics (C10-C28)	450	25.0	500	ND	90.1	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike Dup (2214071-MSD1) Source: E203166-13 Prepared: 03/31/22 Analyzed: 04/02/22

Diesel Range Organics (C10-C28)	452	25.0	500	ND	90.4	38-132	0.337	20	
Surrogate: n-Nonane	49.2		50.0		98.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2022 12:27:57PM

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 (2214047-BLK1)					Prepared: 03/30/22 Analyzed: 03/31/22				
Chloride	ND	20.0							
LCS (2214047-BS1)					Prepared: 03/30/22 Analyzed: 04/06/22				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2214047-MS1)					Source: E203166-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	492	20.0	250	207	114	80-120			
Matrix Spike Dup (2214047-MSD1)					Source: E203166-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	492	20.0	250	207	114	80-120	0.130	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/06/22 12:27

- 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.

## Project Information

## Chain of Custody

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Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO# <u>E2031106</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip												State	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/DRO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks		
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-H</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
2:40	3/15/22	S	1	CS 101	1													
2:45				CS 102	2													
2:50				CS 103	3													
2:55				CS 104	4													
3:00				CS 105	5													
3:05				CS 106	6													
3:10				CS 107	7													
3:15				CS 108	8													
3:20				CS 109	9													
3:25				CS 110	10													
Additional Instructions: <u>Bill To Pima Environmental</u>																		
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.																		
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	Lab Use Only										
<u>Red Refers</u>		3/25/22	11:50	<u>FR Bynum</u>		3/25/22	11:50	Received on ice: <u>Y</u> / N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>FR Bynum</u>		3/25/22	16:00	<u>Carlin Chute</u>		3/28/22	8:15	AVG Temp °C <u>4</u>										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																		
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																		



## Project Information

## Chain of Custody

Page 10 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		<u>E203166</u>		<u>210604-0001</u>					<u>X</u>				
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method										RCRA	
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												State	
																	NM CO UT AZ TX	
																	Remarks	
3:30	3/19/22	S	1	CS 111	11													
3:35				CS 112	12													
3:40				CS 113	13													
3:45				CS 114	14													
3:50				CS 115	15													
3:55				CS 116	16													
4:00				CS 117	17													
4:05				CS 118	18													
4:10				CS 119	19													
4:15				CS 120	20													
Additional Instructions: <u>Bill To Pima Environmental</u>																		
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.																		
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	Lab Use Only										
<u>[Signature]</u>		3/25/22	11:50	<u>[Signature]</u>		3/25/22	11:50	Received on ice: <u>(Y)</u> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>[Signature]</u>		3/25/22	1600	<u>[Signature]</u>		3/28/22	8:15											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
<u>[Signature]</u>				<u>[Signature]</u>														
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																		
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 3/28/2022 9:40:06AM

## 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:	03/28/22 08:15	Work Order ID:	E203166
Phone:	(575) 631-6977	Date Logged In:	03/25/22 12:59	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/01/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E203167

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/5/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/5/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12 Booster Riser  
Workorder: E203167  
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b> 04/05/22 16:36
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS121	E203167-01A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS122	E203167-02A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS123	E203167-03A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS124	E203167-04A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS125	E203167-05A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS126	E203167-06A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS127	E203167-07A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
CS128	E203167-08A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 1 East	E203167-09A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 2 South	E203167-10A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 5 North	E203167-11A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 6 South	E203167-12A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 8 South	E203167-13A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 10 South	E203167-14A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 11 North	E203167-15A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 12 South	E203167-16A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 13 North	E203167-17A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.
SW 14 West	E203167-18A	Soil	03/19/22	03/28/22	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 4:36:12PM
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CS121  
E203167-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214040	
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	91.2 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	91.2 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	98.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2214072	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	110 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214048	
Chloride	198	20.0	1	03/30/22	04/01/22	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 4:36:12PM
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CS122

E203167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214040	
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2214040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2214072	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	109 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2214048	
Chloride	ND	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

CS123

E203167-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.8 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	108 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	ND	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

CS124

E203167-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
Surrogate: n-Nonane	106 %	50-200		03/31/22	04/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	ND	20.0	1	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 4:36:12PM
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CS125

E203167-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.9 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/05/22	
Surrogate: n-Nonane	112 %	50-200		03/31/22	04/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	ND	200	10	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## CS126

## E203167-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	105 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	251	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

CS127

E203167-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	108 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	298	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

CS128

E203167-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	103 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	285	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 1 East

## E203167-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	106 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	574	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 2 South

## E203167-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	111 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	526	20.0	1	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 4:36:12PM
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SW 5 North  
E203167-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	90.0 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	98.5 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	579	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 6 South

## E203167-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.3 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.0 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	107 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	744	20.0	1	03/30/22	04/01/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale 12 Booster Riser Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/5/2022 4:36:12PM
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SW 8 South  
E203167-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.1 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	110 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	507	20.0	1	03/30/22	04/01/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 10 South

## E203167-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.8 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.7 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	111 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	453	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 11 North

## E203167-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	88.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	97.5 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	110 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	410	20.0	1	03/30/22	04/01/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 12 South

## E203167-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.3 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	96.3 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	110 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	420	20.0	1	03/30/22	04/02/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 13 North

## E203167-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	
Toluene	ND	0.0250	1	03/30/22	04/02/22	
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	87.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	
Surrogate: Bromofluorobenzene	87.1 %	70-130		03/30/22	04/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/30/22	04/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		03/30/22	04/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	109 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	116	20.0	1	03/30/22	04/02/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/5/2022 4:36:12PM

## SW 14 West

## E203167-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Benzene	ND	0.0250	1	03/30/22	04/02/22	G1, H3
Ethylbenzene	ND	0.0250	1	03/30/22	04/02/22	G1, H3
Toluene	ND	0.0250	1	03/30/22	04/02/22	G1, H3
o-Xylene	ND	0.0250	1	03/30/22	04/02/22	G1, H3
p,m-Xylene	ND	0.0500	1	03/30/22	04/02/22	G1, H3
Total Xylenes	ND	0.0250	1	03/30/22	04/02/22	G1, H3
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	G1, H3
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		03/30/22	04/02/22	G1, H3
Surrogate: Toluene-d8	96.1 %	70-130		03/30/22	04/02/22	G1, H3
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2214040
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/22	04/02/22	G1, H3
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/30/22	04/02/22	G1, H3
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		03/30/22	04/02/22	G1, H3
Surrogate: Toluene-d8	96.1 %	70-130		03/30/22	04/02/22	G1, H3
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2214072
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/02/22	
Surrogate: n-Nonane	111 %	50-200		03/31/22	04/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2214048
Chloride	283	20.0	1	03/30/22	04/02/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 4:36:12PM

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 (2214040-BLK1) Prepared: 03/30/22 Analyzed: 04/03/22

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	0.447		0.500		89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2214040-BS1) Prepared: 03/30/22 Analyzed: 04/03/22

Benzene	2.37	0.0250	2.50		94.9	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130			
Toluene	2.42	0.0250	2.50		96.7	70-130			
o-Xylene	2.35	0.0250	2.50		94.2	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130			
Total Xylenes	7.04	0.0250	7.50		93.9	70-130			
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2214040-MS1) Source: E203167-01 Prepared: 03/30/22 Analyzed: 04/03/22

Benzene	2.43	0.0250	2.50	ND	97.1	48-131			
Ethylbenzene	2.51	0.0250	2.50	ND	100	45-135			
Toluene	2.57	0.0250	2.50	ND	103	48-130			
o-Xylene	2.48	0.0250	2.50	ND	99.3	43-135			
p,m-Xylene	4.94	0.0500	5.00	ND	98.7	43-135			
Total Xylenes	7.42	0.0250	7.50	ND	98.9	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike Dup (2214040-MSD1) Source: E203167-01 Prepared: 03/30/22 Analyzed: 04/03/22

Benzene	2.48	0.0250	2.50	ND	99.0	48-131	1.98	23	
Ethylbenzene	2.54	0.0250	2.50	ND	102	45-135	1.27	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	2.44	24	
o-Xylene	2.47	0.0250	2.50	ND	98.6	43-135	0.647	27	
p,m-Xylene	4.93	0.0500	5.00	ND	98.7	43-135	0.0810	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.6	43-135	0.270	27	
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b>
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 4:36:12PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2214040-BLK1)

Prepared: 03/30/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.447		0.500		89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

## LCS (2214040-BS2)

Prepared: 03/30/22 Analyzed: 04/03/22

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

## Matrix Spike (2214040-MS2)

Source: E203167-01

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	63.2	20.0	50.0	ND	126	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

## Matrix Spike Dup (2214040-MSD2)

Source: E203167-01

Prepared: 03/30/22 Analyzed: 04/05/22

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130	21.8	20	R3
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 4:36:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214072-BLK1)					Prepared: 03/31/22 Analyzed: 04/01/22				
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 (2214072-BS1)					Prepared: 03/31/22 Analyzed: 04/01/22				
Diesel Range Organics (C10-C28)	502	25.0	500		100	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			

Matrix Spike (2214072-MS1)					Source: E203167-16		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132			
Surrogate: n-Nonane	54.6		50.0		109	50-200			

Matrix Spike Dup (2214072-MSD1)					Source: E203167-16		Prepared: 03/31/22 Analyzed: 04/01/22		
Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.3	38-132	3.04	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2022 4:36:12PM

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 (2214048-BLK1)					Prepared: 03/30/22 Analyzed: 04/01/22				
Chloride	ND	20.0							
LCS (2214048-BS1)					Prepared: 03/30/22 Analyzed: 04/01/22				
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2214048-MS1)					Source: E203167-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	462	20.0	250	198	106	80-120			
Matrix Spike Dup (2214048-MSD1)					Source: E203167-01		Prepared: 03/30/22 Analyzed: 04/01/22		
Chloride	468	20.0	250	198	108	80-120	1.24	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/22 16:36

- G1 Sample analyzed 10 minutes outside of holding time.
- H3 Due to laboratory error, sample analysis was performed past holding time.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

## Project Information

## Chain of Custody

Page 11 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO# <u>E203167</u>		Job Number <u>21064-0001</u>		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA		
Address: 5614 N. Lovington Hwy.					City, State, Zip												
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		
Phone: 580-748-1613					Email:		Chloride 300.0						BGDOC NM		BGDOC TX		
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>												
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	State											Remarks
						NM	CO	UT	AZ	TX							
4:20	3/19/22	S	1	CS 121	1	X											
4:25				CS 122	2												
4:30				CS 123	3												
4:35				CS 124	4												
4:40				CS 125	5												
4:45				CS 126	6												
4:50				CS 127	7												
4:55				CS 128	8												
Additional Instructions: <u>Bill To Pima Environmental</u>																	
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: <u>AR Bradley</u>																	
Relinquished by: (Signature) <u>AR Bradley</u>				Date <u>3/25/22</u>		Time <u>11:50</u>		Received by: (Signature) <u>AR Bradley</u>				Date <u>3/25/22</u>		Time <u>11:50</u>		Lab Use Only	
Relinquished by: (Signature) <u>AR Bradley</u>				Date <u>3/25/22</u>		Time <u>1600</u>		Received by: (Signature) <u>Carla Chilton</u>				Date <u>3/28/22</u>		Time <u>8:15</u>		Received on ice: <u>Y</u> N	
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 T2 T3	
AVG Temp °C <u>4</u>																	
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u>																	
Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>																	
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.																	



## Project Information

## Chain of Custody

Page 12 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Lindale 12 Booster Riser</u>					Attention:		Lab WO# <u>E203167</u>		Job Number <u>21004-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip												State	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
Phone: 580-748-1613					Email:													
Email: tom@pimaoil.com					Pima Project # <u>12-4</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
5:00	3/19/22	S	1	SW 1 East.	9													
5:05				SW 2 South	10													
5:10				SW 5 North	11													
5:15				SW 6 South	12													
5:20				SW 8 South	13													
5:25				SW 10 South	14													
5:30				SW 11 North	15													
5:35				SW 12 South	16													
5:40				SW 13 North	17													
5:45				SW 14 West.	18													
Additional Instructions: <u>Bill To Pima Environmental</u>																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:																		
Relinquished by: (Signature) <u>[Signature]</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>					Date	Time	Lab Use Only				
Relinquished by: (Signature) <u>[Signature]</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>					Date	Time	Received on ice: <u>(Y) / N</u>				
Relinquished by: (Signature) <u>[Signature]</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>					Date	Time	T1 _____ T2 _____ T3 _____				
											AVG Temp °C <u>4</u>							
Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u>											Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>							
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 Analytical Laboratory

Printed: 3/28/2022 9:43:48AM

## 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:	03/28/22 08:15	Work Order ID:	E203167
Phone:	(575) 631-6977	Date Logged In:	03/25/22 13:01	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/01/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 6 reports due to amount of samples. Workorders are as follows: E203162 COC pg 1&2 of 12, E203163 COC pg 3&4 of 12, E203164 COC pg 5&6 of 12, E203165 COC pg 7&8 of 12, E203166 COC pg 9&10 of 12, E203167 COC pg 11&12 of 12

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale 12 Booster Riser

Work Order: E204057

Job Number: 21064-0001

Received: 4/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/15/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 4/15/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Lindale 12 Booster Riser  
Workorder: E204057  
Date Received: 4/8/2022 3:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2022 3:00:00PM, under the Project Name: Lindale 12 Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale 12 Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	<b>Reported:</b>  04/15/22 13:52
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-6 South	E204057-01A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale 12 Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/15/2022 1:52:13PM

## SW-6 South

E204057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216032
Benzene	ND	0.0250	1	04/12/22	04/14/22	
Ethylbenzene	ND	0.0250	1	04/12/22	04/14/22	
Toluene	ND	0.0250	1	04/12/22	04/14/22	
o-Xylene	ND	0.0250	1	04/12/22	04/14/22	
p,m-Xylene	ND	0.0500	1	04/12/22	04/14/22	
Total Xylenes	ND	0.0250	1	04/12/22	04/14/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/12/22	04/14/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/22	04/14/22	
Surrogate: Toluene-d8	97.9 %	70-130		04/12/22	04/14/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/22	04/14/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/12/22	04/14/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/22	04/14/22	
Surrogate: Toluene-d8	97.9 %	70-130		04/12/22	04/14/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216003
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/22	04/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/22	04/13/22	
Surrogate: n-Nonane	97.7 %	50-200		04/12/22	04/13/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216048
Chloride	535	20.0	1	04/13/22	04/14/22	





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/15/2022 1:52:13PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2216032-BLK1)

Prepared: 04/12/22 Analyzed: 04/14/22

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	0.450		0.500		89.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

## LCS (2216032-BS1)

Prepared: 04/12/22 Analyzed: 04/14/22

Benzene	2.34	0.0250	2.50		93.6	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.3	70-130			
Toluene	2.32	0.0250	2.50		92.9	70-130			
o-Xylene	2.27	0.0250	2.50		90.8	70-130			
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130			
Total Xylenes	6.83	0.0250	7.50		91.1	70-130			
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

## LCS Dup (2216032-BSD1)

Prepared: 04/12/22 Analyzed: 04/14/22

Benzene	2.52	0.0250	2.50		101	70-130	7.23	23	
Ethylbenzene	2.49	0.0250	2.50		99.5	70-130	6.39	27	
Toluene	2.50	0.0250	2.50		100	70-130	7.52	24	
o-Xylene	2.43	0.0250	2.50		97.1	70-130	6.66	27	
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130	7.02	27	
Total Xylenes	7.32	0.0250	7.50		97.6	70-130	6.90	27	
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:  4/15/2022 1:52:13PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2216032-BLK1) Prepared: 04/12/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.450		0.500		89.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS (2216032-BS2) Prepared: 04/12/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.3	70-130			
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2216032-BSD2) Prepared: 04/12/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.5	70-130	6.51	20	
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/15/2022 1:52:13PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2216003-BLK1)					Prepared: 04/12/22 Analyzed: 04/13/22				
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 (2216003-BS1)					Prepared: 04/12/22 Analyzed: 04/13/22				
Diesel Range Organics (C10-C28)	448	25.0	500		89.7	38-132			
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			

LCS Dup (2216003-BSD1)					Prepared: 04/12/22 Analyzed: 04/13/22				
Diesel Range Organics (C10-C28)	451	25.0	500		90.2	38-132	0.611	20	
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale 12 Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/15/2022 1:52:13PM

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 (2216048-BLK1)					Prepared: 04/13/22 Analyzed: 04/13/22				
Chloride	ND	20.0							
LCS (2216048-BS1)					Prepared: 04/13/22 Analyzed: 04/14/22				
Chloride	273	20.0	250		109	90-110			
Matrix Spike (2216048-MS1)					Source: E204044-01		Prepared: 04/13/22 Analyzed: 04/14/22		
Chloride	455	20.0	250	170	114	80-120			
Matrix Spike Dup (2216048-MSD1)					Source: E204044-01		Prepared: 04/13/22 Analyzed: 04/14/22		
Chloride	468	20.0	250	170	119	80-120	2.71	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:	Lindale 12 Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/15/22 13:52

- 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.







## Envirotech Analytical Laboratory

Printed: 4/11/2022 12:24:51PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/08/22 15:00	Work Order ID:	E204057
Phone:	(575) 631-6977	Date Logged In:	04/08/22 12:26	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/14/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale Booster Riser

Work Order: E207089

Job Number: 21064-001

Received: 7/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/26/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale Booster Riser  
Workorder: E207089  
Date Received: 7/16/2022 11:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/16/2022 11:15:00AM, under the Project Name: Lindale Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/26/22 16:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S.41 B	E207089-01A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.42 B	E207089-02A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.43 B	E207089-03A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.44 B	E207089-04A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.45 B	E207089-05A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.46 B	E207089-06A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.47 B	E207089-07A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.48 B	E207089-08A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.49 B	E207089-09A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.50 B	E207089-10A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.51 B	E207089-11A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.52 B	E207089-12A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.53 B	E207089-13A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.54 B	E207089-14A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.55 B	E207089-15A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.56 B	E207089-16A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.57 B	E207089-17A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.58 B	E207089-18A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.59 B	E207089-19A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.60 B	E207089-20A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.41 B

## E207089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	94.2 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	94.2 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	129 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.42 B

## E207089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	87.1 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.43 B

## E207089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	118 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	95.0 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	118 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	95.0 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	130 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.44 B

## E207089-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.8 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.8 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	128 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.45 B

## E207089-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	130 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.46 B

## E207089-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.7 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.7 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	139 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.47 B

## E207089-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	113 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.48 B

## E207089-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	117 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.49 B

## E207089-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	91.8 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	91.8 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	174 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.50 B

## E207089-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	155 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.51 B

## E207089-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	90.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	94.2 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	90.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	94.2 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	152 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.52 B

## E207089-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.4 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	167 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.53 B

## E207089-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	91.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	91.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	145 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.54 B

## E207089-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.1 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	153 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.55 B

## E207089-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	86.9 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	86.9 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	129 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.56 B

## E207089-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	92.6 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	145 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.57 B

## E207089-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	90.9 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	90.9 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	141 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Lindale Booster Riser Project Number: 21064-001 Project Manager: Tom Bynum	Reported: 7/26/2022 4:19:23PM
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S.58 B

E207089-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	85.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	119 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.5 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	85.1 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	119 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.5 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	144 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.59 B

## E207089-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.5 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/24/22	
Surrogate: Toluene-d8	93.5 %	70-130		07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	136 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/23/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 4:19:23PM

## S.60 B

## E207089-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Benzene	ND	0.0250	1	07/19/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/24/22	
Toluene	ND	0.0250	1	07/19/22	07/24/22	
o-Xylene	ND	0.0250	1	07/19/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene		102 %	70-130	07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	07/19/22	07/24/22	
Surrogate: Toluene-d8		93.0 %	70-130	07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230025
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/24/22	
Surrogate: Bromofluorobenzene		102 %	70-130	07/19/22	07/24/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	07/19/22	07/24/22	
Surrogate: Toluene-d8		93.0 %	70-130	07/19/22	07/24/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230046
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane		184 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230065
Chloride	ND	20.0	1	07/20/22	07/23/22	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 4:19:23PM

## 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 (2230025-BLK1)

Prepared: 07/19/22 Analyzed: 07/24/22

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		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.8	70-130			

## LCS (2230025-BS1)

Prepared: 07/19/22 Analyzed: 07/24/22

Benzene	2.00	0.0250	2.50		80.1	70-130			
Ethylbenzene	2.09	0.0250	2.50		83.7	70-130			
Toluene	2.07	0.0250	2.50		82.6	70-130			
o-Xylene	2.17	0.0250	2.50		87.0	70-130			
p,m-Xylene	4.24	0.0500	5.00		84.9	70-130			
Total Xylenes	6.42	0.0250	7.50		85.6	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

## LCS Dup (2230025-BSD1)

Prepared: 07/19/22 Analyzed: 07/24/22

Benzene	2.16	0.0250	2.50		86.5	70-130	7.61	23	
Ethylbenzene	2.35	0.0250	2.50		93.8	70-130	11.4	27	
Toluene	2.11	0.0250	2.50		84.2	70-130	1.94	24	
o-Xylene	2.61	0.0250	2.50		104	70-130	18.2	27	
p,m-Xylene	4.78	0.0500	5.00		95.5	70-130	11.8	27	
Total Xylenes	7.39	0.0250	7.50		98.5	70-130	14.0	27	
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.470		0.500		93.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/26/2022 4:19:23PM
PO Box 247	Project Number:	21064-001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230025-BLK1) Prepared: 07/19/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.8	70-130			

LCS (2230025-BS2) Prepared: 07/19/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	42.2	20.0	50.0		84.5	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.450		0.500		89.9	70-130			

LCS Dup (2230025-BSD2) Prepared: 07/19/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130	3.43	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.583		0.500		117	70-130			
Surrogate: Toluene-d8	0.458		0.500		91.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/26/2022 4:19:23PM
PO Box 247	Project Number:	21064-001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230046-BLK1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	67.0		50.0		134	50-200			

LCS (2230046-BS1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	61.7		50.0		123	50-200			

Matrix Spike (2230046-MS1)					Source: E207089-13		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	38-132			
Surrogate: n-Nonane	74.8		50.0		150	50-200			

Matrix Spike Dup (2230046-MSD1)					Source: E207089-13		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	334	25.0	250	ND	134	38-132	6.18	20	M2
Surrogate: n-Nonane	81.5		50.0		163	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 4:19:23PM

Anions by EPA 300.0/9056A

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 (2230065-BLK1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	ND	20.0							
LCS (2230065-BS1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2230065-MS1)					Source: E207089-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2230065-MSD1)					Source: E207089-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	251	20.0	250	ND	101	80-120	0.936	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:	Lindale Booster Riser	
PO Box 247	Project Number:	21064-001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/26/22 16:19

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Project Information

## Chain of Custody

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<b>Client:</b> Pima Environmental Services <b>Project:</b> Undale Booster Riser <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM. 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> _____ <b>Address:</b> _____ <b>City, State, Zip:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____ <b>Pima Project #</b> 12-4					<b>Lab Use Only</b> <b>Lab WO#</b> E207089 <b>Job Number</b> 210104-0001 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX X										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
6:00	7/14/22	S		S.41 B	1							X								
6:05				S.42 B	2															
6:10				S.43 B	3															
6:15				S.44 B	4															
6:20				S.45 B	5															
6:25				S.46 B	6															
6:30				S.47 B	7															
6:35				S.48 B	8															
6:40				S.49 B	9															
6:45				S.50 B	10															
<b>Additional Instructions:</b> 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.																				
Relinquished by: (Signature) <u>Allandra Sanders</u> Date <u>7/15/22</u> Time <u>2:45</u> Relinquished by: (Signature) <u>Carla Chute</u> Date <u>7/15/22</u> Time <u>11:15</u> Relinquished by: (Signature) _____ Date _____ Time _____																				
Received by: (Signature) _____ Date _____ Time _____ Received 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: <u>(X)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other Container Type: <u>G</u> - glass, <u>P</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 Analytical Laboratory

Printed: 7/18/2022 11:59:31AM

## 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:	07/16/22 11:15	Work Order ID:	E207089
Phone:	(575) 631-6977	Date Logged In:	07/15/22 18:17	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/22/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

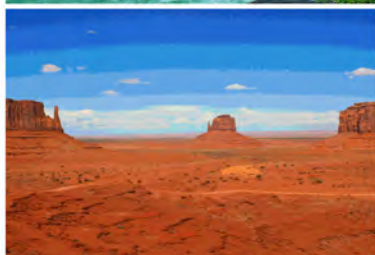
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale Booster Riser

Work Order: E207091

Job Number: 21064-0001

Received: 7/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/25/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale Booster Riser  
Workorder: E207091  
Date Received: 7/16/2022 11:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/16/2022 11:15:00AM, under the Project Name: Lindale Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/25/22 17:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S.81 B	E207091-01A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.82 B	E207091-02A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.83 B	E207091-03A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.84 B	E207091-04A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.85 B	E207091-05A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.86 B	E207091-06A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.87 B	E207091-07A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.88 B	E207091-08A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.89 B	E207091-09A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.90 B	E207091-10A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.91 B	E207091-11A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.92 B	E207091-12A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.93 B	E207091-13A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.94 B	E207091-14A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.95 B	E207091-15A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

S.81 B

E207091-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.4 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.4 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	83.0 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.82 B

## E207091-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	92.9 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	92.9 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	84.4 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.83 B

## E207091-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	07/19/22	07/23/22	
Surrogate: Toluene-d8		99.2 %	70-130	07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	07/19/22	07/23/22	
Surrogate: Toluene-d8		99.2 %	70-130	07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane		87.2 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.84 B

## E207091-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	90.3 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	86.6 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.85 B

## E207091-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	87.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.4 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	87.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.4 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	79.7 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.86 B

## E207091-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	87.6 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	87.6 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	84.7 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.87 B

## E207091-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene		102 %	70-130	07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	07/19/22	07/23/22	
Surrogate: Toluene-d8		101 %	70-130	07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene		102 %	70-130	07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	07/19/22	07/23/22	
Surrogate: Toluene-d8		101 %	70-130	07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane		80.2 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.88 B

## E207091-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	89.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	89.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	82.9 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.89 B

## E207091-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	97.0 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	97.0 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	84.0 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 7/25/2022 5:23:11PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S.90 B

E207091-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	119 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	93.7 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	119 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	93.7 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	86.2 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.91 B

## E207091-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	86.0 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	86.0 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	94.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	84.0 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.92 B

## E207091-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	86.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	86.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	79.9 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.93 B

## E207091-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	92.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	92.3 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	84.3 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.94 B

## E207091-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	84.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	84.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	80.0 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 5:23:11PM

## S.95 B

## E207091-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Benzene	ND	0.0250	1	07/19/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/23/22	
Toluene	ND	0.0250	1	07/19/22	07/23/22	
o-Xylene	ND	0.0250	1	07/19/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	88.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230029
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/23/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		07/19/22	07/23/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/19/22	07/23/22	
Surrogate: Toluene-d8	88.5 %	70-130		07/19/22	07/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230048
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	86.7 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230066
Chloride	ND	20.0	1	07/20/22	07/22/22	





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/25/2022 5:23:11PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

## Blank (2230029-BLK1)

Prepared: 07/19/22 Analyzed: 07/22/22

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	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

## LCS (2230029-BS1)

Prepared: 07/19/22 Analyzed: 07/22/22

Benzene	2.25	0.0250	2.50		90.1	70-130			
Ethylbenzene	2.24	0.0250	2.50		89.5	70-130			
Toluene	2.22	0.0250	2.50		88.7	70-130			
o-Xylene	2.34	0.0250	2.50		93.7	70-130			
p,m-Xylene	4.57	0.0500	5.00		91.3	70-130			
Total Xylenes	6.91	0.0250	7.50		92.1	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

## LCS Dup (2230029-BSD1)

Prepared: 07/19/22 Analyzed: 07/22/22

Benzene	2.21	0.0250	2.50		88.5	70-130	1.86	23	
Ethylbenzene	2.19	0.0250	2.50		87.4	70-130	2.33	27	
Toluene	2.16	0.0250	2.50		86.5	70-130	2.53	24	
o-Xylene	2.29	0.0250	2.50		91.7	70-130	2.14	27	
p,m-Xylene	4.43	0.0500	5.00		88.6	70-130	3.03	27	
Total Xylenes	6.72	0.0250	7.50		89.6	70-130	2.73	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/25/2022 5:23:11PM

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 (2230029-BLK1) Prepared: 07/19/22 Analyzed: 07/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

LCS (2230029-BS2) Prepared: 07/19/22 Analyzed: 07/22/22

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

LCS Dup (2230029-BSD2) Prepared: 07/19/22 Analyzed: 07/22/22

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	70-130	4.30	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/25/2022 5:23:11PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230048-BLK1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.7		50.0		95.5	50-200			

LCS (2230048-BS1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	205	25.0	250		82.1	38-132			
Surrogate: n-Nonane	34.6		50.0		69.1	50-200			

Matrix Spike (2230048-MS1)					Source: E207091-10		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132			
Surrogate: n-Nonane	41.9		50.0		83.8	50-200			

Matrix Spike Dup (2230048-MSD1)					Source: E207091-10		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	7.63	20	
Surrogate: n-Nonane	41.1		50.0		82.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/25/2022 5:23:11PM

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 (2230066-BLK1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	ND	20.0							
LCS (2230066-BS1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2230066-MS1)					Source: E207091-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2230066-MSD1)					Source: E207091-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	257	20.0	250	ND	103	80-120	1.32	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:	Lindale Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/25/22 17:23

- 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.



## Project Information

## Chain of Custody

Page 11 of 12

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Lindale Booster Riser</u>					Attention: _____		Lab WO# <u>E207091</u>		Job Number <u>21004-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>					Address: _____		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip _____										State	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone: _____		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM	TX	
Phone: <u>580-748-1613</u>					Email: _____											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>12-4</u>											
Report due by: _____																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks										
9:20	1/14/22	S		S.81 B	1											
9:25				S.82 B	2											
9:30				S.83 B	3											
9:35				S.84 B	4											
9:40				S.85 B	5											
9:45				S.86 B	6											
9:50				S.87 B	7											
9:55				S.88 B	8											
10:00				S.89 B	9											
10:05				S.90 B	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: <u>Allandra Sanders</u>																
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	Lab Use Only								
<u>Allandra Sanders</u>		7/15/22	2:45	<u>Leah Sanders</u>		7-15-22	2:49	Received on ice: <u>N</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
<u>[Signature]</u>		7-15-22	2:15	<u>[Signature]</u>		7/16/22	11:15	AVG Temp °C <u>4</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: <u>g - glass</u> , 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 Analytical Laboratory

Printed: 7/18/2022 12:05:21PM

## 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:	07/16/22 11:15	Work Order ID:	E207091
Phone:	(575) 631-6977	Date Logged In:	07/15/22 18:24	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/22/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale Booster Riser

Work Order: E207088

Job Number: 21064-0001

Received: 7/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/26/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale Booster Riser  
Workorder: E207088  
Date Received: 7/16/2022 11:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/16/2022 11:15:00AM, under the Project Name: Lindale Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 07/26/22 14:43
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S.21 B	E207088-01A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.22 B	E207088-02A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.23 B	E207088-03A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.24 B	E207088-04A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.25 B	E207088-05A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.26 B	E207088-06A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.27 B	E207088-07A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.28 B	E207088-08A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.29 B	E207088-09A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.30 B	E207088-10A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.31 B	E207088-11A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.32 B	E207088-12A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.33 B	E207088-13A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.34 B	E207088-14A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.35 B	E207088-15A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.36 B	E207088-16A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.37 B	E207088-17A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.38 B	E207088-18A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.39 B	E207088-19A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
S.40 B	E207088-20A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	
PO Box 247	Project Number:	21064-0001	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 2:43:22PM

## S.21 B

## E207088-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.8 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL			Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>	88.4 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS			Batch: 2230063
Chloride	20.8	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.22 B

## E207088-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
	96.4 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.23 B

E207088-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
	81.9 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.24 B

## E207088-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
	82.3 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.25 B

E207088-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.8 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.26 B

## E207088-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		81.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.27 B

E207088-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		77.6 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.28 B

## E207088-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		73.0 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.29 B

## E207088-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	104 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
	80.2 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.30 B

## E207088-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		88.6 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.31 B

## E207088-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		79.5 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.32 B

## E207088-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.33 B

## E207088-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.0 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		85.8 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.34 B

## E207088-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.35 B

## E207088-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		95.1 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.36 B

## E207088-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		122 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		94.1 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.37 B

## E207088-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		122 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		92.6 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230063
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.38 B

## E207088-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		123 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		91.9 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.39 B

## E207088-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		124 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		88.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/26/2022 2:43:22PM

## S.40 B

## E207088-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Benzene	ND	0.0250	1	07/19/22	07/22/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/22/22	
Toluene	ND	0.0250	1	07/19/22	07/22/22	
o-Xylene	ND	0.0250	1	07/19/22	07/22/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/22/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		126 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		121 %	70-130	07/19/22	07/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230045	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		86.8 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2230063	
Chloride	ND	20.0	1	07/20/22	07/22/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/26/2022 2:43:22PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230024-BLK1) Prepared: 07/19/22 Analyzed: 07/25/22

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	9.44		8.00		118	70-130			

LCS (2230024-BS1) Prepared: 07/19/22 Analyzed: 07/25/22

Benzene	4.03	0.0250	5.00		80.5	70-130			
Ethylbenzene	4.00	0.0250	5.00		80.1	70-130			
Toluene	4.06	0.0250	5.00		81.3	70-130			
o-Xylene	4.16	0.0250	5.00		83.2	70-130			
p,m-Xylene	8.16	0.0500	10.0		81.6	70-130			
Total Xylenes	12.3	0.0250	15.0		82.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.71		8.00		121	70-130			

LCS Dup (2230024-BSD1) Prepared: 07/19/22 Analyzed: 07/25/22

Benzene	4.43	0.0250	5.00		88.6	70-130	9.54	20	
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130	9.61	20	
Toluene	4.47	0.0250	5.00		89.4	70-130	9.50	20	
o-Xylene	4.57	0.0250	5.00		91.3	70-130	9.25	20	
p,m-Xylene	8.96	0.0500	10.0		89.6	70-130	9.33	20	
Total Xylenes	13.5	0.0250	15.0		90.2	70-130	9.31	20	
Surrogate: 4-Bromochlorobenzene-PID	9.75		8.00		122	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 2:43:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230024-BLK1) Prepared: 07/19/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.59		8.00		120	70-130			

LCS (2230024-BS2) Prepared: 07/19/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.61		8.00		120	70-130			

LCS Dup (2230024-BSD2) Prepared: 07/19/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130	6.70	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.40		8.00		117	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 2:43:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230045-BLK1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2230045-BS1)					Prepared: 07/19/22 Analyzed: 07/22/22				
Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: n-Nonane	37.0		50.0		73.9	50-200			

Matrix Spike (2230045-MS1)					Source: E207088-15		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	37.4		50.0		74.8	50-200			

Matrix Spike Dup (2230045-MSD1)					Source: E207088-15		Prepared: 07/19/22 Analyzed: 07/22/22		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	1.84	20	
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/26/2022 2:43:22PM

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 (2230063-BLK1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	ND	20.0							
LCS (2230063-BS1)					Prepared: 07/20/22 Analyzed: 07/22/22				
Chloride	271	20.0	250		108	90-110			
Matrix Spike (2230063-MS1)					Source: E207088-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	288	20.0	250	20.8	107	80-120			
Matrix Spike Dup (2230063-MSD1)					Source: E207088-01		Prepared: 07/20/22 Analyzed: 07/22/22		
Chloride	294	20.0	250	20.8	109	80-120	2.26	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:	Lindale Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/26/22 14:43

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

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

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

## Project Information

## Chain of Custody

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<b>Client:</b> Pima Environmental Services <b>Project:</b> LINDAIE BOOSTER RISER <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 12-4					<b>Lab Use Only</b> <b>Lab WO#</b> E207088 <b>Job Number</b> 210104-0001 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
														<b>State</b> NM CO UT AZ TX X						
														<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				NM	CO	UT	AZ	TX	
4:20	7/14/22	S		S.21 B	1										X					
4:25				S.22 B	2															
4:30				S.23 B	3															
4:35				S.24 B	4															
4:40				S.25 B	5															
4:45				S.26 B	6															
4:50				S.27 B	7															
4:55				S.28 B	8															
5:00				S.29 B	9															
5:05				S.30 B	10															
<b>Additional Instructions:</b>																				
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.										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) <i>Allandra Sanders</i> Date 7/15/22 Time 2:45					Received by: (Signature) <i>[Signature]</i> Date 7-15-22 Time 2:41					<b>Lab Use Only</b> Received on ice: <i>N</i> T1 T2 T3 AVG Temp °C <i>4</i>										
Relinquished by: (Signature) <i>[Signature]</i> Date 7-15-22 Time 4:19					Received by: (Signature) <i>[Signature]</i> Date 7/15/22 Time 4:15															
Relinquished by: (Signature) <i>[Signature]</i> Date Time					Received by: (Signature) <i>[Signature]</i> Date Time															
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.																				

## Chain of Custody



## Envirotech Analytical Laboratory

Printed: 7/18/2022 11:57:04AM

## 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:	07/16/22 11:15	Work Order ID:	E207088
Phone:	(575) 631-6977	Date Logged In:	07/15/22 18:12	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/22/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 6 reports due to amount of samples. Workorders are as follows: E207086 COC pg 1&2 of 12, E207087 COC pg 3&4 of 12, E207088 COC pg 5&6 of 12, E207089 COC pg 7&8 of 12, E207090 COC pg 9&10 of 12, E207091 COC pg 11&12 of 12.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Lindale Booster Riser

Work Order: E207086

Job Number: 21064-0001

Received: 7/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/25/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Lindale Booster Riser  
Workorder: E207086  
Date Received: 7/16/2022 11:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/16/2022 11:15:00AM, under the Project Name: Lindale Booster Riser.

The analytical test results summarized in this report with the Project Name: Lindale Booster Riser 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 07/25/22 18:49
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1 SWN	E207086-01A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
2 SWN	E207086-02A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
3 SWN	E207086-03A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
4 SWN	E207086-04A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
5 SWN	E207086-05A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
6 SWN	E207086-06A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
7 SWN	E207086-07A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
8 SWN	E207086-08A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
9 SWN	E207086-09A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
10 SWN	E207086-10A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
11 SWN	E207086-11A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
12 SWN	E207086-12A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
13 SWN	E207086-13A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
14 SWN	E207086-14A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
15 SWN	E207086-15A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
16 SWN	E207086-16A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
17 SWN	E207086-17A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
18 SWN	E207086-18A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
19 SWN	E207086-19A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.
20 SWN	E207086-20A	Soil	07/14/22	07/16/22	Glass Jar, 4 oz.



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 1 SWN

## E207086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
Surrogate: 4-Bromochlorobenzene-PID	98.7 %	70-130		07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	80.1 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 2 SWN

## E207086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		75.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 3 SWN

E207086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		81.1 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 4 SWN

E207086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		75.7 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

5 SWN

E207086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
Surrogate: 4-Bromochlorobenzene-PID	115 %	70-130		07/19/22	07/20/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		07/19/22	07/20/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2230043	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	80.5 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2230036	
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 6 SWN

E207086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.7 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		73.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 7 SWN

## E207086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.2 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 8 SWN

## E207086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.6 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.6 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 9 SWN

## E207086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		76.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 10 SWN

## E207086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.1 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		81.8 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 11 SWN

## E207086-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		96.1 %	50-200	07/19/22	07/25/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/20/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 12 SWN

## E207086-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		82.3 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

13 SWN

E207086-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
Surrogate: 4-Bromochlorobenzene-PID	113 %	70-130		07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2230043	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
Surrogate: n-Nonane	78.5 %	50-200		07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2230036	
Chloride	ND	20.0	1	07/19/22	07/21/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 14 SWN

## E207086-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.5 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		81.7 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

15 SWN

E207086-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2230043	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.4 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2230036	
Chloride	ND	20.0	1	07/19/22	07/21/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b> 7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

16 SWN

E207086-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2230022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2230043	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		76.8 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2230036	
Chloride	ND	20.0	1	07/19/22	07/21/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

17 SWN

E207086-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.7 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.3 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	





## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

18 SWN

E207086-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		80.6 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 19 SWN

## E207086-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.2 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		77.3 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	



## Sample Data

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Lindale Booster Riser  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/25/2022 6:49:16PM

## 20 SWN

## E207086-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Benzene	ND	0.0250	1	07/19/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/21/22	
Toluene	ND	0.0250	1	07/19/22	07/21/22	
o-Xylene	ND	0.0250	1	07/19/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	07/19/22	07/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230043
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/22/22	
<i>Surrogate: n-Nonane</i>						
		77.3 %	50-200	07/19/22	07/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230036
Chloride	ND	20.0	1	07/19/22	07/21/22	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	<b>Reported:</b>  7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2230022-BLK1)

Prepared: 07/19/22 Analyzed: 07/21/22

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	7.90		8.00		98.7	70-130			

## LCS (2230022-BS1)

Prepared: 07/19/22 Analyzed: 07/21/22

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.34	0.0250	5.00		86.7	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.63	0.0250	5.00		92.7	70-130			
p,m-Xylene	8.95	0.0500	10.0		89.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

## LCS Dup (2230022-BSD1)

Prepared: 07/19/22 Analyzed: 07/21/22

Benzene	5.03	0.0250	5.00		101	70-130	0.333	20	
Ethylbenzene	4.34	0.0250	5.00		86.9	70-130	0.186	20	
Toluene	4.71	0.0250	5.00		94.3	70-130	0.291	20	
o-Xylene	4.65	0.0250	5.00		92.9	70-130	0.261	20	
p,m-Xylene	8.96	0.0500	10.0		89.6	70-130	0.0703	20	
Total Xylenes	13.6	0.0250	15.0		90.7	70-130	0.135	20	
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230022-BLK1) Prepared: 07/19/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2230022-BS2) Prepared: 07/19/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

LCS Dup (2230022-BSD2) Prepared: 07/19/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130	2.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:  7/25/2022 6:49:16PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230043-BLK1)					Prepared: 07/19/22 Analyzed: 07/21/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.0		50.0		73.9	50-200			

LCS (2230043-BS1)					Prepared: 07/19/22 Analyzed: 07/21/22				
Diesel Range Organics (C10-C28)	230	25.0	250		91.9	38-132			
Surrogate: n-Nonane	40.5		50.0		81.0	50-200			

Matrix Spike (2230043-MS1)					Source: E207086-07		Prepared: 07/19/22 Analyzed: 07/21/22		
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.0	38-132			
Surrogate: n-Nonane	37.5		50.0		75.1	50-200			

Matrix Spike Dup (2230043-MSD1)					Source: E207086-07		Prepared: 07/19/22 Analyzed: 07/21/22		
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.4	38-132	0.738	20	
Surrogate: n-Nonane	37.1		50.0		74.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Lindale Booster Riser	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/25/2022 6:49:16PM

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 (2230036-BLK1)					Prepared: 07/19/22 Analyzed: 07/20/22				
Chloride	ND	20.0							
LCS (2230036-BS1)					Prepared: 07/19/22 Analyzed: 07/20/22				
Chloride	244	20.0	250		97.6	90-110			
Matrix Spike (2230036-MS1)					Source: E207086-01		Prepared: 07/19/22 Analyzed: 07/20/22		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2230036-MSD1)					Source: E207086-01		Prepared: 07/19/22 Analyzed: 07/20/22		
Chloride	256	20.0	250	ND	102	80-120	0.128	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:	Lindale Booster Riser	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/25/22 18:49

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

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

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



## Project Information

## Chain of Custody

Page 1 of 12

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Lindale Booster Riser</u> <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> _____ <b>Address:</b> _____ <b>City, State, Zip:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____ <b>Pima Project #</b> <u>12-4</u>					<b>Lab Use Only</b> <b>Lab WO#</b> <u>E207084</u> <b>Job Number</b> <u>621204-0001</u> <b>Analysis and Method</b> DRO/ORO by 8015    GRO/DRO by 8015    BTEX by 8021    VOC by 8260    Metals 6010    Chloride 300.0    BGDOC NM    BGDOC TX					<b>TAT</b> 1D    2D    3D    Standard    X				<b>EPA Program</b> CWA    SDWA    RCRA	
<b>State</b> NM    CO    UT    AZ    TX    X					<b>Remarks</b>															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
1:00	7/14/22	S		1 SWN	1															
1:05				2 SWN	2															
1:10				3 SWN	3															
1:15				4 SWN	4															
1:20				5 SWN	5															
1:25				6 SWN	6															
1:30				7 SWN	7															
1:35				8 SWN	8															
1:40				9 SWN	9															
1:45				10 SWN	10															
<b>Additional Instructions:</b>																				
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.																				
<b>Relinquished by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>7/15/22</u> <b>Time</b> <u>2:45</u> <b>Received by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>7-15-22</u> <b>Time</b> <u>2:45</u>																				
<b>Relinquished by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>7-15-22</u> <b>Time</b> <u>4:15</u> <b>Received by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>7/16/22</u> <b>Time</b> <u>11:45</u>																				
<b>Relinquished by: (Signature)</b> _____ <b>Date</b> _____ <b>Time</b> _____ <b>Received by: (Signature)</b> _____ <b>Date</b> _____ <b>Time</b> _____																				
<b>Sample Matrix</b> <u>(S - Soil)</u> Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ <b>Container Type</b> <u>(g - glass)</u> p - poly/plastic, ag - amber glass, v - VOA																				
<b>Note:</b> 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.																				

## Project Information

## Chain of Custody

Page 2 of 12

<b>Client:</b> Pima Environmental Services <b>Project:</b> Lindale Booster Riser <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 12-4					<b>Lab Use Only</b> <b>Lab WO#</b> E2570810 <b>Job Number</b> 21064-001 <b>Analysis and Method</b>						<b>TAT</b> <b>1D</b> <b>2D</b> <b>3D</b> <b>Standard</b> X				<b>EPA Program</b> <b>CWA</b> <b>SDWA</b> <b>RCRA</b>	
					<b>State</b> <b>NM</b> <b>CO</b> <b>UT</b> <b>AZ</b> <b>TX</b>																
					<b>Remarks</b>																
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>	<b>DRO/ORO by 8015</b>	<b>GRO/DRO by 8015</b>	<b>BTEX by 8021</b>	<b>VOC by 8260</b>	<b>Metals 6010</b>	<b>Chloride 300.0</b>	<b>BDOC NM</b>	<b>BDOC TX</b>								
1:50	7/14/22	S		11 SWN	11							X									
1:55				12 SWN	12																
2:00				13 SWN	13																
2:05				14 SWN	14																
2:10				15 SWN	15																
2:15				16 SWN	16																
2:20				17 SWN	17																
2:25				18 SWN	18																
2:30				19 SWN	19																
2:35				20 SWN	20																
<b>Additional Instructions:</b>																					
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.																					
Relinquished by: (Signature) <u>[Signature]</u> Date <u>7-15-22</u> Time <u>2:45</u> Received by: (Signature) <u>[Signature]</u> Date <u>7-15-22</u> Time <u>2:45</u>																					
Relinquished by: (Signature) <u>[Signature]</u> Date <u>7-15-22</u> Time <u>4:15</u> Received by: (Signature) <u>[Signature]</u> Date <u>7/14/22</u> Time <u>11:15</u>																					
Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																					
Sample Matrix <u>(S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other)</u> Container Type <u>(g - glass, p - poly/plastic, ag - amber glass, v - VOA)</u>																					
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 Analytical Laboratory

Printed: 7/18/2022 11:46:51AM

## 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:	07/16/22 11:15	Work Order ID:	E207086
Phone:	(575) 631-6977	Date Logged In:	07/15/22 18:03	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/22/22 17:00 (4 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 6 reports due to amount of samples. Workorders are as follows: E207086 COC pg 1&2 of 12, E207087 COC pg 3&4 of 12, E207088 COC pg 5&6 of 12, E207089 COC pg 7&8 of 12, E207090 COC pg 9&10 of 12, E207091 COC pg 11&12 of 12.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are 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 filtration 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

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

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**Santa Fe, NM 87505**

QUESTIONS  
  
Action 319394

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	319394
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2120830900
Incident Name	NAPP2120830900 LINDALE FRAC BOOSTER @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LINDALE FRAC BOOSTER
Date Release Discovered	07/13/2021
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 470 BBL   Recovered: 0 BBL   Lost: 470 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Phone:(575) 748-1283 Fax:(575) 748-9720

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Action 319394

**QUESTIONS (continued)**

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	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 03/01/2024
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QUESTIONS, Page 3

Action 319394

**QUESTIONS (continued)**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	319394
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	12000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	09/15/2021
On what date will (or did) the final sampling or liner inspection occur	03/03/2022
On what date will (or was) the remediation complete(d)	07/14/2022
What is the estimated surface area (in square feet) that will be reclaimed	45600
What is the estimated volume (in cubic yards) that will be reclaimed	3500
What is the estimated surface area (in square feet) that will be remediated	45600
What is the estimated volume (in cubic yards) that will be remediated	3500

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 4

Action 319394

**QUESTIONS (continued)**

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	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 03/01/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5  
  
Action 319394

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 319394
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 319394

**QUESTIONS (continued)**

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	Action Number:	319394
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	319390
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/03/2022
What was the (estimated) number of samples that were to be gathered	230
What was the sampling surface area in square feet	45600

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	45600
What was the total volume (cubic yards) remediated	3500
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	45600
What was the total volume (in cubic yards) reclaimed	3500
Summarize any additional remediation activities not included by answers (above)	Please see attached closure report for full details on remediation activities.

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 03/01/2024
--	---

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Action 319394

QUESTIONS (continued)

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	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS  
  
Action 319394

CONDITIONS

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	Action Number: 319394
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	3/4/2024