ICHABOD 7 FED 1H BATTERY

OCD incident nAPP2327933516

10/5/2023

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
172,400.00	2.00
Cubic Feet of Soil Impacted	28,733.33
Barrels of Soil Impacted	5,121.81
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	1,024.36
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	1,024.36
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
12,336.00	1.00
Standing fluid	182.84
Total fluids spilled	**1,207.20**

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	137
Width(Ft)	29
Depth(in.)	24.00
Total Capacity without tank displacements (bbls)	**1,415.24**
No. of 500 bbl Tanks In Standing Fluid	5.00
No. of Other Tanks In Standing Fluid	0.00
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	1,079.34

Fluids spilled in containment (bbls)	**1,079.34**
Impacted surface soils (bbls)	**1,024.36**
Free standing fluids (bbls)	**182.84**
Total Fluids Spilled (bbls)	**2,286.54**

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

February 12, 2024

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

Re: Site Characterization and Remediation Plan Report
Ichabod 7 Fed 1H Battery
API No. N/A
GPS: Latitude 32.0511932 Longitude -103.5014954
UL –P Section 07, T26S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2327933516 & NRM2003147859 & NRM2001531075

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this site characterization and remediation plan report for a produced water release that occurred at the Ichabod 7 Fed 1H Battery (Ichabod). The initial C-141 was submitted on October 10, 2023 (Appendix C). This incident was assigned Incident ID NAPP2327933516 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Ichabod is located approximately eighteen (18) miles southwest of Jal, NM. This spill site is in Unit P, Section 07, Township 26S, Range 34E, Latitude 32.0511932 Longitude -103.5014954, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. The soil in this area is made up of Berino-Cacique association, hummocky according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Ichabod (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer water well (C-0426- POD1) ,the depth to the nearest groundwater in this vicinity measures 200 feet below grade surface (BGS), positioned 0.49 miles away from the State, and was drilled on June 9, 2022. Conversely, as per the United States Geological Survey well water data (USGS320419103302201), the nearest groundwater depth in this region is recorded at 170 feet BGS, situated approximately 1.79 miles away from the State, with the last gauge conducted on January 16, 2013. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50’	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100’(C-0426- POD1)	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

NAPP2327933516: On October 5, 2023, a 16" poly fuse on produced water tank failed on 16"main line. Fluids flowed into the containment, then onto pad and offsite north to the lease road. The released fluids were calculated to be approximately 2,286 barrels (bbls) of produced water. Vacuum trucks were able to recover 1,200 bbls of standing fluid.

NRM2003147859: On October 31, 2019, a seal failed on a 16" poly line causing release into pasture. The released fluids were calculated to be approximately 5.88 barrels (bbls) of Produced water. No fluids were recovered.

NRM2001531075: On August 8, 2019, a release occurred due to a rupture line on a booster pump. The released fluids were calculated to be approximately 1,240 barrels (bbls) of produced water, Vacuum trucks were able to recover 960 bbls of fluid. This spill occurred in containment and outside of containment.

Site Assessment and Soil Sampling Results

NRM2003147859

On October 10, 11, 17,18 & 20, 2023, Pima mobilized personnel to the site to begin collecting soil samples from the spill areas. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

October 10, 11, 17, 18, 20, 2023 & January 6, 2024, Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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	10/10/2023	1'	ND	ND	ND	ND	ND	0	2790
	10/10/2024	2'	ND	ND	ND	26.1	ND	26.1	3890
	10/10/2023	3'	ND	ND	ND	ND	ND	0	425
	10/10/2023	4'	ND	ND	ND	ND	ND	0	675
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-2	10/10/2023	1'	ND	ND	ND	ND	ND	0	1610
	10/10/2023	2'	ND	ND	ND	ND	ND	0	1530
	10/10/2023	3'	ND	ND	ND	ND	ND	0	3350
	10/10/2023	4'	ND	ND	ND	ND	ND	0	544
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-3	10/10/2023	1'	ND	ND	ND	ND	ND	0	2890
	10/10/2023	2'	ND	ND	ND	ND	ND	0	3880
	10/10/2023	3'	ND	ND	ND	ND	ND	0	553
	10/10/2023	4'	ND	ND	ND	28.5	ND	28.5	556
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-4	10/10/2023	1'	ND	ND	ND	ND	ND	0	3030
	10/10/2023	2'	ND	ND	ND	ND	ND	0	3080
	10/10/2023	3'	ND	ND	ND	ND	ND	0	621
	10/10/2023	4'	ND	ND	ND	ND	ND	0	573
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-5	10/10/2023	1'	ND	ND	ND	ND	ND	0	3180
	10/10/2023	2'	ND	ND	ND	ND	ND	0	3600
	10/10/2023	3'	ND	ND	ND	ND	ND	0	550
	10/10/2023	4'	ND	ND	ND	ND	ND	0	525
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	50.7	ND	50.7	ND
S-6	10/10/2023	1'	ND	ND	ND	ND	ND	0	723
	10/10/2023	2'	ND	ND	ND	ND	ND	0	1500
	10/10/2023	3'	ND	ND	ND	ND	ND	0	669
	10/10/2023	4'	ND	ND	ND	ND	ND	0	691
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-7	10/10/2023	1'	ND	ND	ND	ND	ND	0	1670
	10/10/2023	2'	ND	ND	ND	ND	ND	0	3680
	10/10/2023	3'	ND	ND	ND	ND	ND	0	553
	10/10/2023	4'	ND	ND	ND	ND	ND	0	574
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-8	10/10/2023	1'	ND	ND	ND	26.1	ND	26.1	5810
	10/10/2023	2'	ND	ND	ND	ND	ND	0	3240
	10/10/2023	3'	ND	ND	ND	ND	ND	0	600
	10/10/2023	4'	ND	ND	ND	29.8	ND	29.8	642
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-9	10/10/2023	1'	ND	ND	ND	41.3	ND	41.3	4030
	10/10/2023	2'	ND	ND	ND	ND	ND	0	1860
	10/10/2023	3'	ND	ND	ND	ND	ND	0	585
	10/10/2023	4'	ND	ND	ND	ND	ND	0	776
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
S-10	10/10/2023	1'	ND	ND	ND	ND	ND	0	2940
	10/10/2023	2'	ND	ND	ND	ND	ND	0	4940
	10/10/2023	3'	ND	ND	ND	95.8	ND	95.8	567
	10/10/2023	4'	ND	ND	ND	ND	ND	0	570
	10/10/2023	5'	ND	ND	ND	ND	ND	0	ND
	10/10/2023	6'	ND	ND	ND	ND	ND	0	ND
SW 1	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 2	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 3	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 4	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 5	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 6	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 7	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 8	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 9	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 10	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 11	10/10/2023	6"	ND	ND	ND	ND	ND	0	ND
S-11	10/11/2023	1'	ND	ND	ND	ND	ND	0	4410
	10/11/2023	2'	ND	ND	ND	ND	ND	0	4380
	10/11/2023	3'	ND	ND	ND	ND	ND	0	1450
	10/11/2023	4'	ND	ND	ND	ND	ND	0	ND
	10/11/2023	5'	ND	ND	ND	112	ND	112	220
	10/11/2023	6'	ND	ND	ND	43.6	ND	43.6	48.9
S-12	10/11/2023	1'	ND	ND	ND	ND	ND	0	2030
	10/11/2023	2'	ND	ND	ND	ND	ND	0	3080
	10/11/2023	3'	ND	ND	ND	ND	ND	0	2470
	10/11/2023	4'	ND	ND	ND	ND	ND	0	218
	10/11/2023	5'	ND	ND	ND	85.1	ND	85.1	228
	10/11/2023	6'	ND	ND	ND	ND	ND	0	46.8
S-13	10/11/2023	2'	ND	ND	ND	ND	ND	0	479
	10/11/2023	3'	ND	ND	ND	ND	ND	0	1160
	10/11/2023	4'	ND	ND	ND	ND	ND	0	196
	10/11/2023	5'	ND	ND	ND	103	ND	103	223
	10/11/2023	6'	ND	ND	ND	32.7	ND	32.7	41.8
S-14	10/11/2023	1'	ND	ND	ND	ND	ND	0	1680
	10/11/2023	2'	ND	ND	ND	ND	ND	0	445
	10/11/2023	3'	ND	ND	ND	ND	ND	0	15200
	10/11/2023	4'	ND	ND	ND	ND	ND	0	115
	10/11/2023	5'	ND	ND	58	ND	ND	58	188
	10/11/2023	6'	ND	ND	ND	43.1	ND	43.1	42.8
S-15	10/11/2023	1'	ND	ND	ND	ND	ND	0	578
	10/11/2023	2'	ND	ND	ND	ND	ND	0	846
	10/11/2023	3'	ND	ND	ND	ND	ND	0	671
	10/11/2023	4'	ND	ND	ND	ND	ND	0	238
	10/11/2023	5'	ND	ND	ND	68.4	ND	68.4	207
	10/11/2023	6'	ND	ND	ND	44.3	ND	44.3	41.5
S-16	10/11/2023	1'	ND	ND	ND	29.2	ND	29.2	1550
	10/11/2023	2'	ND	ND	ND	ND	ND	0	1440
	10/11/2023	3'	ND	ND	ND	ND	ND	0	13900
	10/11/2023	4'	ND	ND	ND	ND	ND	0	622
	10/11/2023	5'	ND	ND	ND	60.7	ND	60.7	212
	10/11/2023	6'	ND	ND	ND	48	ND	48	42.8

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-17	10/11/2023	2'	ND	ND	ND	ND	ND	0	1660
	10/11/2023	3'	ND	ND	ND	ND	ND	0	132
	10/11/2023	4'	ND	ND	ND	37.8	ND	37.8	467
	10/11/2023	5'	ND	ND	ND	56.5	ND	56.5	218
	10/11/2023	6'	ND	ND	ND	51.3	ND	51.3	40.6
S-18	10/11/2023	1'	ND	ND	ND	28.1	ND	28.1	4740
	10/11/2023	2'	ND	ND	ND	ND	ND	0	1840
	10/11/2023	3'	ND	ND	ND	ND	ND	0	116
	10/11/2023	4'	ND	ND	ND	ND	ND	0	443
	10/11/2023	5'	ND	ND	ND	83.5	ND	83.5	183
	10/11/2023	6'	ND	ND	ND	38.2	ND	38.2	36.9
S-19	10/11/2023	1'	ND	ND	ND	ND	ND	0	1040
	10/11/2023	2'	ND	ND	ND	ND	ND	0	1290
	10/11/2023	3'	ND	ND	ND	ND	ND	0	38.9
	10/11/2023	4'	ND	ND	ND	ND	ND	0	84.8
	10/11/2023	5'	ND	ND	ND	60.6	ND	60.6	170
	10/11/2023	6'	ND	ND	ND	49.3	ND	49.3	39.8
S-20	10/11/2023	1'	ND	ND	ND	ND	ND	0	2730
	10/11/2023	2'	ND	ND	ND	ND	ND	0	595
	10/11/2023	3'	ND	ND	ND	ND	ND	0	588
	10/11/2023	4'	ND	ND	ND	ND	ND	0	289
	10/11/2023	5'	ND	ND	ND	83.8	ND	83.8	190
	10/11/2023	6'	ND	ND	ND	41.4	ND	41.4	37.5
SW 12	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 13	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 14	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 15	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 16	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 17	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 18	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 19	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 20	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
SW 21	10/11/2023	6"	ND	ND	ND	ND	ND	0	ND
S-21	10/17/2023	1'	ND	ND	ND	76.6	51.8	128.4	8860
	10/17/2023	2'	ND	ND	ND	77.4	56.2	133.6	12000
	10/17/2023	3'	ND	ND	ND	ND	ND	0	105
	10/17/2023	4'	ND	ND	ND	ND	ND	0	221
	10/17/2023	5'	ND	ND	ND	ND	ND	0	158
S-22	10/17/2023	1'	ND	ND	ND	48	ND	48	8180
	10/17/2023	2'	ND	ND	ND	ND	ND	0	7450
	10/17/2023	3'	ND	ND	ND	ND	ND	0	157
	10/17/2023	4'	ND	ND	ND	ND	ND	0	275
	10/17/2023	5'	ND	ND	ND	ND	ND	0	224
S-23	10/17/2023	1'	ND	ND	ND	312	165	477	14100
	10/17/2023	2'	ND	ND	ND	ND	ND	0	4050
	10/17/2023	3'	ND	ND	ND	ND	ND	0	221
	10/17/2023	4'	ND	ND	ND	ND	ND	0	135
	10/17/2023	5'	ND	ND	ND	ND	ND	0	ND
S-24	10/17/2023	1'	ND	ND	ND	80.7	50.1	130.8	10100
	10/17/2023	2'	ND	ND	ND	1060	695	1755	27400
	10/17/2023	3'	ND	ND	ND	ND	ND	0	344
	10/17/2023	4'	ND	ND	ND	ND	ND	0	161
	10/17/2023	5'	ND	ND	ND	ND	ND	0	143
S-25	10/17/2023	1'	ND	ND	ND	191	139	330	9390
	10/17/2023	2'	ND	ND	ND	176	127	303	9810
	10/17/2023	3'	ND	ND	ND	ND	ND	0	255
	10/17/2023	4'	ND	ND	ND	ND	ND	0	268
	10/17/2023	5'	ND	ND	ND	ND	ND	0	147
S-26	10/17/2023	1'	ND	ND	ND	105	82.3	187.3	7950
	10/17/2023	2'	ND	ND	ND	98.8	65.2	164	2570
	10/17/2023	3'	ND	ND	ND	ND	ND	0	99.7
	10/17/2023	4'	ND	ND	ND	ND	ND	0	260
	10/17/2023	5'	ND	ND	ND	ND	ND	0	150
S-27	10/17/2023	1'	ND	ND	ND	58.5	ND	58.5	9090
	10/17/2023	2'	ND	ND	ND	48.1	ND	48.1	6450
	10/17/2023	3'	ND	ND	ND	ND	ND	0	160
	10/17/2023	4'	ND	ND	ND	ND	ND	0	462
	10/17/2023	5'	ND	ND	ND	ND	ND	0	128
S-28	10/17/2023	1'	ND	ND	ND	41.6	ND	41.6	6530
	10/17/2023	2'	ND	ND	ND	66.1	ND	66.1	7080
	10/17/2023	3'	ND	ND	ND	ND	ND	0	214
	10/17/2023	4'	ND	ND	ND	ND	ND	0	277
	10/17/2023	5'	ND	ND	ND	ND	ND	0	133

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-29	10/17/2023	1'	ND	ND	ND	269	174	443	13000
	10/17/2023	2'	ND	ND	ND	1250	655	1905	14200
	10/17/2023	3'	ND	ND	ND	ND	ND	0	125
	10/17/2023	4'	ND	ND	ND	ND	ND	0	147
	10/17/2023	5'	ND	ND	ND	ND	ND	0	134
S-30	10/17/2023	1'	ND	ND	ND	70.3	57.3	127.6	11300
	10/17/2023	2'	ND	ND	ND	128	75.7	203.7	8500
	10/17/2023	3'	ND	ND	ND	ND	ND	0	527
	10/17/2023	4'	ND	ND	ND	ND	ND	0	452
	10/17/2023	5'	ND	ND	ND	ND	ND	0	137
S-31	10/17/2023	1'	ND	ND	ND	ND	ND	0	77.7
	10/17/2023	2'	ND	ND	ND	ND	ND	0	8590
	10/17/2023	3'	ND	ND	ND	ND	ND	0	137
	10/17/2023	4'	ND	ND	ND	158	106	264	39500
	10/17/2023	5'	ND	ND	ND	ND	ND	0	149
S-32	10/17/2023	1'	ND	ND	ND	ND	ND	0	163
	10/17/2023	2'	ND	ND	ND	230	175	405	532
	10/17/2023	3'	ND	ND	ND	ND	ND	0	69.7
	10/17/2023	4'	ND	ND	ND	ND	ND	0	383
	10/17/2023	5'	ND	ND	ND	ND	ND	0	142
S-33	10/17/2023	1'	ND	ND	ND	ND	ND	0	488
	10/17/2023	2'	ND	ND	ND	ND	ND	0	2200
	10/17/2023	3'	ND	ND	ND	ND	ND	0	3250
	10/17/2023	4'	ND	ND	ND	ND	ND	0	576
	10/17/2023	5'	ND	ND	ND	ND	ND	0	141
SW-22	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-23	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-24	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-25	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-26	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-27	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-28	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-29	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-30	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-31	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-32	10/17/2023	6"	ND	ND	ND	ND	ND	0	ND
S-34	10/18/2023	1'	ND	ND	ND	ND	ND	0	3120
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3290
	10/18/2023	3'	ND	ND	ND	ND	ND	0	766
	10/18/2023	4'	ND	ND	ND	ND	ND	0	599
S-35	10/18/2023	1'	ND	ND	ND	ND	ND	0	3200
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3580
	10/18/2023	3'	ND	ND	ND	ND	ND	0	708
	10/18/2023	4'	ND	ND	ND	ND	ND	0	531
S-36	10/18/2023	1'	ND	ND	ND	ND	ND	0	1200
	10/18/2023	2'	ND	ND	ND	ND	ND	0	1580
	10/18/2023	3'	ND	ND	ND	ND	ND	0	623
	10/18/2023	4'	ND	ND	ND	ND	ND	0	673
	1/6/2024	5'	ND	ND	ND	ND	ND	0	44.5
S-37	10/18/2023	1'	ND	ND	ND	ND	ND	0	2290
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3330
	10/18/2023	3'	ND	ND	ND	ND	ND	0	582
	10/18/2023	4'	ND	ND	ND	ND	ND	0	606
	1/6/2024	5'	ND	ND	ND	ND	ND	0	62.8
S-38	10/18/2023	1'	ND	ND	ND	44.9	ND	44.9	3850
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3480
	10/18/2023	3'	ND	ND	ND	ND	ND	0	660
	10/18/2023	4'	ND	ND	ND	ND	ND	0	710
	1/6/2024	5'	ND	ND	ND	ND	ND	0	77.3
	1/6/2024	6'	ND	ND	ND	ND	ND	0	25
S-39	10/18/2023	1'	ND	ND	ND	47.8	ND	47.8	3300
	10/18/2023	2'	ND	ND	ND	ND	ND	0	2080
	10/18/2023	3'	ND	ND	ND	ND	ND	0	608
	10/18/2023	4'	ND	ND	ND	ND	ND	0	591
S-40	10/18/2023	1'	ND	ND	ND	ND	ND	0	3000
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3870
	10/18/2023	3'	ND	ND	ND	ND	ND	0	502
	10/18/2023	4'	ND	ND	ND	ND	ND	0	576
S-41	10/18/2023	1'	ND	ND	ND	ND	ND	0	2950
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3910
	10/18/2023	3'	ND	ND	ND	ND	ND	0	477
	10/18/2023	4'	ND	ND	ND	ND	ND	0	629
	1/26/2024	5'	ND	ND	ND	ND	ND	0	64.9

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-42	10/18/2023	1'	ND	ND	ND	ND	ND	0	2390
	10/18/2023	2'	ND	ND	ND	ND	ND	0	2440
	10/18/2023	3'	ND	ND	ND	ND	ND	0	3300
	10/18/2023	4'	ND	ND	ND	50.1	ND	50.1	552
S-43	10/18/2023	1'	ND	ND	ND	ND	ND	0	3260
	10/18/2023	2'	ND	ND	ND	ND	ND	0	3570
	10/18/2023	3'	ND	ND	ND	ND	ND	0	543
	10/18/2023	4'	ND	ND	ND	ND	ND	0	555
S-44	10/18/2023	1'	ND	ND	ND	ND	ND	0	3210
	10/18/2023	2'	ND	ND	ND	ND	ND	0	2490
	10/18/2023	3'	ND	ND	ND	ND	ND	0	485
	10/18/2023	4'	ND	ND	ND	ND	ND	0	607
	1/26/2024	5'	ND	ND	ND	ND	ND	0	88.2
S-45	10/18/2023	1'	ND	ND	ND	ND	ND	0	3480
	10/18/2023	2'	ND	ND	ND	ND	ND	0	2250
	10/18/2023	3'	ND	ND	ND	ND	ND	0	593
	10/18/2023	4'	ND	ND	ND	ND	ND	0	660
	1/26/2024	5'	ND	ND	ND	ND	ND	0	40.5
SW-32	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-33	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-34	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-35	10/18/2023	6"	ND	ND	ND	ND	ND	0	370
SW-36	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-37	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-38	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-39	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-40	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-41	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
SW-42	10/18/2023	6"	ND	ND	ND	ND	ND	0	ND
S-46	10/20/2023	1'	ND	ND	ND	ND	ND	0	3580
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3520
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4010
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3250
	10/20/2023	5'	ND	ND	ND	ND	ND	0	729
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1840
	1/26/2024	7'	ND	ND	ND	ND	ND	0	95.6
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-47	10/20/2023	1'	ND	ND	ND	ND	ND	0	2960
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3280
	10/20/2023	3'	ND	ND	ND	ND	ND	0	2640
	10/20/2023	4'	ND	ND	ND	ND	ND	0	2740
	10/20/2023	5'	ND	ND	ND	ND	ND	0	643
	10/20/2023	6'	ND	ND	ND	ND	ND	0	2320
	1/26/2024	7'	ND	ND	ND	ND	ND	0	23.6
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-48	10/20/2023	1'	ND	ND	ND	ND	ND	0	4000
	10/20/2023	2'	ND	ND	ND	26.2	ND	26.2	7110
	10/20/2023	3'	ND	ND	ND	ND	ND	0	23200
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3720
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1240
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1110
	1/26/2024	7'	ND	ND	ND	ND	ND	0	24.9
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-49	10/20/2023	1'	ND	ND	ND	ND	ND	0	3890
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4860
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4800
	10/20/2023	4'	ND	ND	ND	ND	ND	0	4160
	10/20/2023	5'	ND	ND	ND	ND	ND	0	730
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1480
	1/26/2024	7'	ND	ND	ND	ND	ND	0	29.7
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-50	10/20/2023	1'	ND	ND	ND	29.2	ND	29.2	3790
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4300
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4120
	10/20/2023	4'	ND	ND	ND	ND	ND	0	4040
	10/20/2023	5'	ND	ND	ND	ND	ND	0	463
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1940
	1/26/2024	7'	ND	ND	ND	ND	ND	0	43.9
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-51	10/20/2023	1'	ND	ND	ND	ND	ND	0	3720
	10/20/2023	2'	ND	ND	ND	ND	ND	0	8400
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4360
	10/20/2023	4'	ND	ND	ND	ND	ND	0	4570
	10/20/2023	5'	ND	ND	ND	ND	ND	0	987
	10/20/2023	6'	ND	ND	ND	ND	ND	0	2110
	1/26/2024	7'	ND	ND	ND	ND	ND	0	34
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-52	10/20/2023	1'	ND	ND	ND	ND	ND	0	3420
	10/20/2023	2'	ND	ND	213	170	ND	383	29700
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3870
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3860
	10/20/2023	5'	ND	ND	ND	ND	ND	0	758
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1330
	1/26/2024	7'	ND	ND	ND	ND	ND	0	65.6
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-53	10/20/2023	1'	ND	ND	ND	ND	ND	0	232
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4090
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4260
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3050
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1310
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1470
	1/26/2024	7'	ND	ND	ND	ND	ND	0	29.3
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-54	10/20/2023	1'	ND	ND	ND	ND	ND	0	3390
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3320
	10/20/2023	3'	ND	ND	ND	ND	ND	0	2930
	10/20/2023	4'	ND	ND	ND	ND	ND	0	2520
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1320
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1070
	1/26/2024	7'	ND	ND	ND	ND	ND	0	31.3
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-55	10/20/2023	1'	ND	ND	ND	ND	ND	0	3410
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3880
	10/20/2023	3'	ND	ND	ND	ND	ND	0	5160
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3420
	10/20/2023	5'	ND	ND	ND	ND	ND	0	2020
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1160
	1/26/2024	7'	ND	ND	ND	ND	ND	0	31.9
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-56	10/20/2023	1'	ND	ND	ND	ND	ND	0	3780
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3950
	10/20/2023	3'	ND	ND	ND	ND	ND	0	4940
	10/20/2023	4'	ND	ND	ND	ND	ND	0	4130
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1570
	10/20/2023	6'	ND	ND	ND	ND	ND	0	620
	1/26/2024	7'	ND	ND	ND	ND	ND	0	31.6
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-57	10/20/2023	1'	ND	ND	ND	ND	ND	0	3120
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3780
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3480
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3430
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1820
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1070
	1/26/2024	7'	ND	ND	ND	ND	ND	0	24.2
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-58	10/20/2023	1'	ND	ND	ND	ND	ND	0	8710
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4040
	10/20/2023	3'	ND	ND	ND	ND	ND	0	2660
	10/20/2023	4'	ND	ND	ND	ND	ND	0	1950
	10/20/2023	5'	ND	ND	ND	ND	ND	0	2020
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1830
	1/26/2024	7'	ND	ND	ND	ND	ND	0	26.7
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-59	10/20/2023	1'	ND	ND	ND	ND	ND	0	4110
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4530
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3770
	10/20/2023	4'	ND	ND	ND	ND	ND	0	1640
	10/20/2023	5'	ND	ND	ND	ND	ND	0	317
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1090
	1/26/2024	7'	ND	ND	ND	ND	ND	0	29.3
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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-59	10/20/2023	1'	ND	ND	ND	ND	ND	0	4110
	10/20/2023	2'	ND	ND	ND	ND	ND	0	4530
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3770
	10/20/2023	4'	ND	ND	ND	ND	ND	0	1640
	10/20/2023	5'	ND	ND	ND	ND	ND	0	317
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1090
	1/26/2024	7'	ND	ND	ND	ND	ND	0	29.3
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-60	10/20/2023	1'	ND	ND	ND	ND	ND	0	3880
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3810
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3270
	10/20/2023	4'	ND	ND	ND	ND	ND	0	6970
	10/20/2023	5'	ND	ND	ND	ND	ND	0	2300
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1580
	1/26/2024	7'	ND	ND	ND	ND	ND	0	26.9
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-61	10/20/2023	1'	ND	ND	ND	ND	ND	0	3510
	10/20/2023	2'	ND	ND	ND	ND	ND	0	3390
	10/20/2023	3'	ND	ND	ND	ND	ND	0	3180
	10/20/2023	4'	ND	ND	ND	ND	ND	0	3450
	10/20/2023	5'	ND	ND	ND	ND	ND	0	1470
	10/20/2023	6'	ND	ND	ND	ND	ND	0	1540
	1/26/2024	7'	ND	ND	ND	ND	ND	0	79.6
	1/26/2024	8'	ND	ND	ND	ND	ND	0	ND
S-1	10/20/2024	1'	ND	ND	ND	ND	ND	0	4300
	10/20/2024	2'	ND	ND	ND	ND	ND	0	5990
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4580
	10/20/2024	4'	ND	ND	ND	ND	ND	0	252
	10/20/2024	5'	ND	ND	ND	ND	ND	0	68.2
S-2	10/20/2024	1'	ND	ND	ND	ND	ND	0	4080
	10/20/2024	2'	ND	ND	ND	ND	ND	0	6320
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4380
	10/20/2024	4'	ND	ND	ND	ND	ND	0	198
	10/20/2024	5'	ND	ND	ND	ND	ND	0	75
S-3	10/20/2024	1'	ND	ND	ND	ND	ND	0	ND
	10/20/2024	2'	ND	ND	ND	ND	ND	0	89.6
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4390
	10/20/2024	4'	ND	ND	ND	ND	ND	0	204
	10/20/2024	5'	ND	ND	ND	ND	ND	0	74.9
S-4	10/20/2024	1'	ND	ND	ND	ND	ND	0	2220
	10/20/2024	2'	ND	ND	ND	ND	ND	0	145
	10/20/2024	3'	ND	ND	ND	ND	ND	0	26.2
	10/20/2024	4'	ND	ND	ND	ND	ND	0	116
	10/20/2024	5'	ND	ND	ND	ND	ND	0	60.8
S-5	10/20/2024	1'	ND	ND	ND	ND	ND	0	ND
	10/20/2024	2'	ND	ND	ND	ND	ND	0	ND
	10/20/2024	3'	ND	ND	ND	ND	ND	0	ND
	10/20/2024	4'	ND	ND	ND	ND	ND	0	51.5
	10/20/2024	5'	ND	ND	ND	ND	ND	0	65.3
S-6	10/20/2024	1'	ND	ND	ND	ND	ND	0	5140
	10/20/2024	2'	ND	ND	ND	ND	ND	0	ND
	10/20/2024	3'	ND	ND	ND	ND	ND	0	27.5
	10/20/2024	4'	ND	ND	ND	ND	ND	0	68.7
	10/20/2024	5'	ND	ND	ND	ND	ND	0	67.8
S-7	10/20/2024	1'	ND	ND	ND	ND	ND	0	5390
	10/20/2024	2'	ND	ND	ND	ND	ND	0	3940
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4390
	10/20/2024	4'	ND	ND	ND	ND	ND	0	296
	10/20/2024	5'	ND	ND	ND	ND	ND	0	75.2
S-8	10/20/2024	1'	ND	ND	ND	ND	ND	0	5450
	10/20/2024	2'	ND	ND	ND	ND	ND	0	4050
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4490
	10/20/2024	4'	ND	ND	ND	ND	ND	0	475
	10/20/2024	5'	ND	ND	ND	ND	ND	0	312
S-9	10/20/2024	1'	ND	ND	ND	ND	ND	0	6450
	10/20/2024	2'	ND	ND	ND	ND	ND	0	4190
	10/20/2024	3'	ND	ND	ND	ND	ND	0	4710
	10/20/2024	4'	ND	ND	ND	ND	ND	0	322
	10/20/2024	5'	ND	ND	ND	ND	ND	0	283
S-10	10/20/2024	1'	ND	ND	ND	ND	ND	0	4120
	10/20/2024	2'	ND	ND	ND	ND	ND	0	4100
	10/20/2024	3'	ND	ND	ND	70.3	ND	70.3	5000
	10/20/2024	4'	ND	ND	ND	ND	ND	0	132
	10/20/2024	5'	ND	ND	ND	ND	ND	0	200

The green shading in the data table indicates the soil sampling conducted on the lease road.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (51-100')									
DEVON ENERGY -ICHABOD 7 FED 1H BATTERY									
NM Approved Laboratory Results									
Sample ID	Sample Date	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 1	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 2	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 3	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 4	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 5	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 6	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 7	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 8	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 9	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 10	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 11	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 12	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 13	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 14	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 1	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 2	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 3	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 4	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 5	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 6	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 7	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 8	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 9	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 10	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 11	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND
SW 12	10/20/2024	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Remediation Work Plan

On behalf of Devon, Pima proposes to remediate this area by the following method:

1. Submit a one-call through the NM811 system.

2. This is an active pad site that is still needed for drilling, producing, storing, disposing, injecting, transporting, servicing, or processing of crude oil and/or natural gas and their by-products.

3. We propose to mechanically, and with hand tools excavate the affected areas. Haul the contaminated soil to an approved NMOCD disposal site and haul clean backfill back to the site. Once confirmation samples have been collected and confirmed by the lab, clean backfill material will be used to backfill all excavated areas. Areas needing topsoil will be backfilled with such. All areas will be recontoured and packed in such a way that returns it to its original state. Site Map can be found in figure 4.

   The estimated volume of soil to be remediated is approximately 24,635 cubic yards. This is based on a 166,284 square foot area with an average depth of 4' bgs. The cleanup criteria per Table 1 is based on the well water data from the New Mexico Office of the State Engineer water well (C-0426- POD1), positioned 0.49 miles away from the State, drilled on June 9, 2022.

4. After a 48-hour notification has been submitted, 5-point composite samples will be collected from the excavated areas including base samples and sidewall samples. Each composite sample will represent the required 200 square feet area. A Horizontal Delineation Map can be found in Figure 5.

5. A total of 892 composite samples will be collected, put on ice, jarred, and delivered to the lab for official testing.

6. Upon final receipt of lab reports showing contamination levels are under the regulatory limits of Table 1 NMAC 19.15.29, and complete delineation horizontally, a closure report will be drafted and submitted to the NMOCD portal for review and approval.

On behalf of Devon, Pima would like to request approval of this site characterization and remediation work plan. Work can begin within 30 days of approval, contingent upon personnel and equipment scheduling.

For questions or additional information, please feel free to contact:
Devon -Dale Woodall at 575-748-1838 or Dale.Woodall@dvn.com.
Pima Environmental Services-Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Horizontal Delineation Map

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

Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

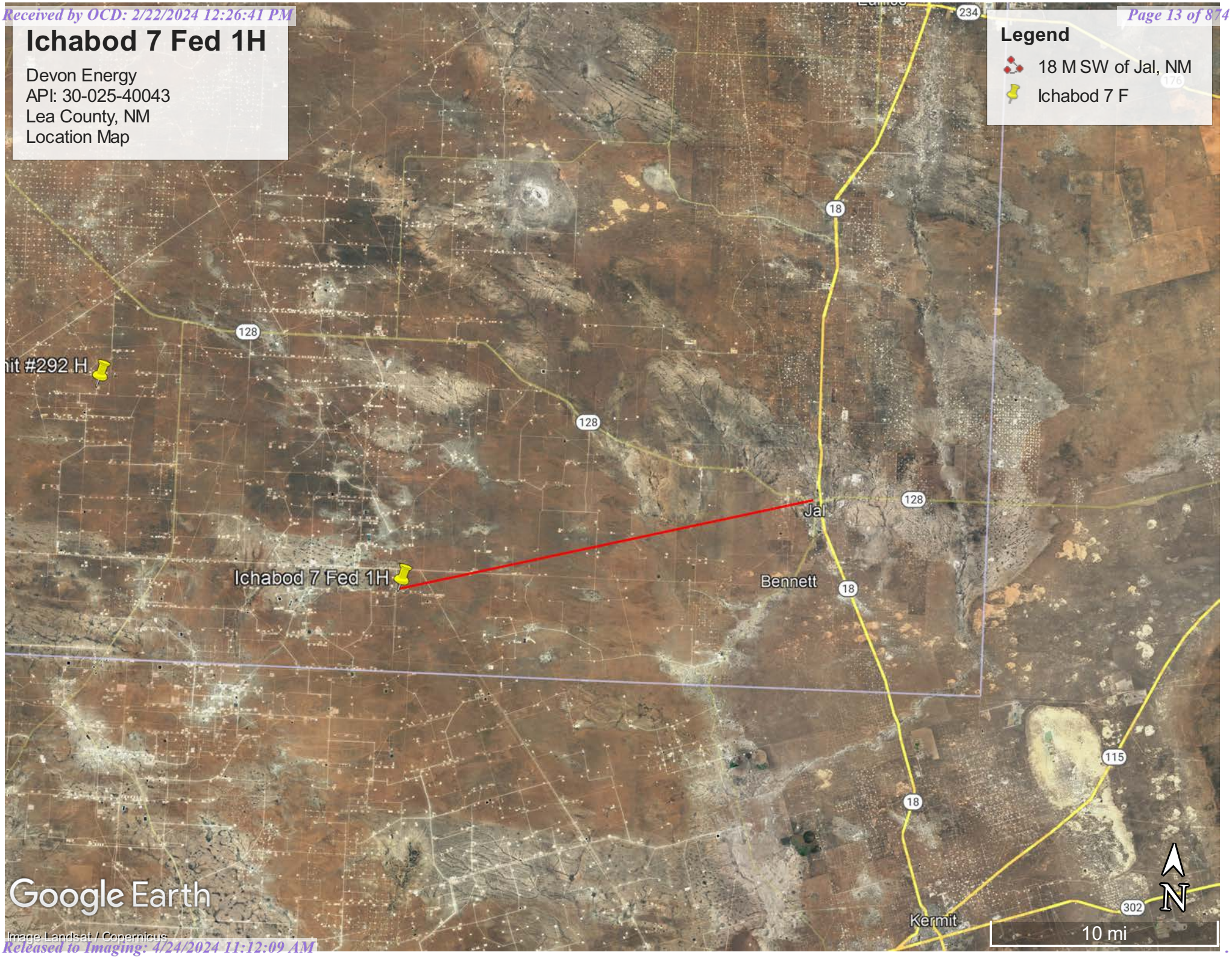
3-Karst Map

4-Site Map

Received by OCD: 2/22/2024 12:26:41 PM

Ichabod 7 Fed 1H

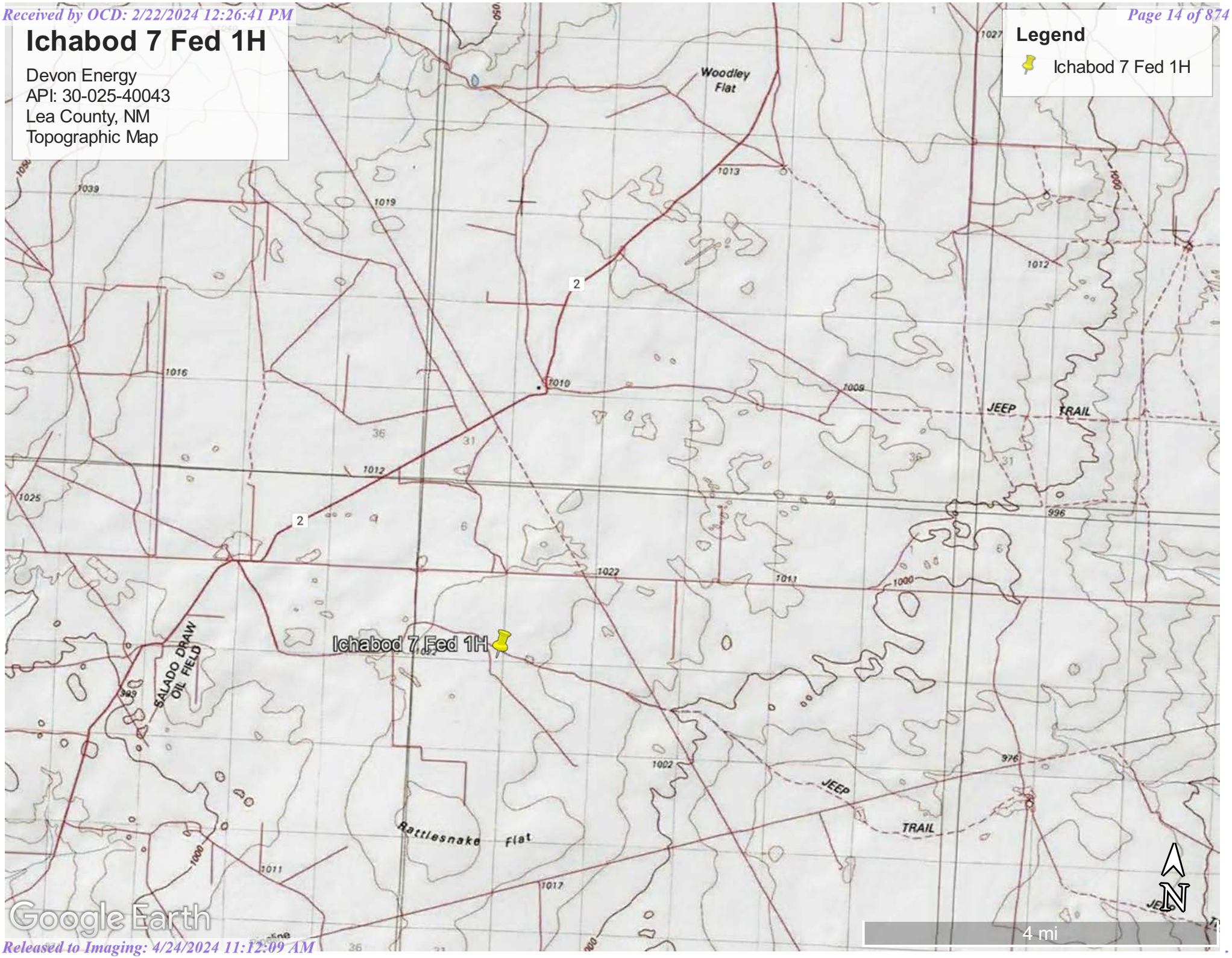
Devon Energy
API: 30-025-40043
Lea County, NM
Location Map



Released to Imaging: 4/24/2024 11:12:09 AM

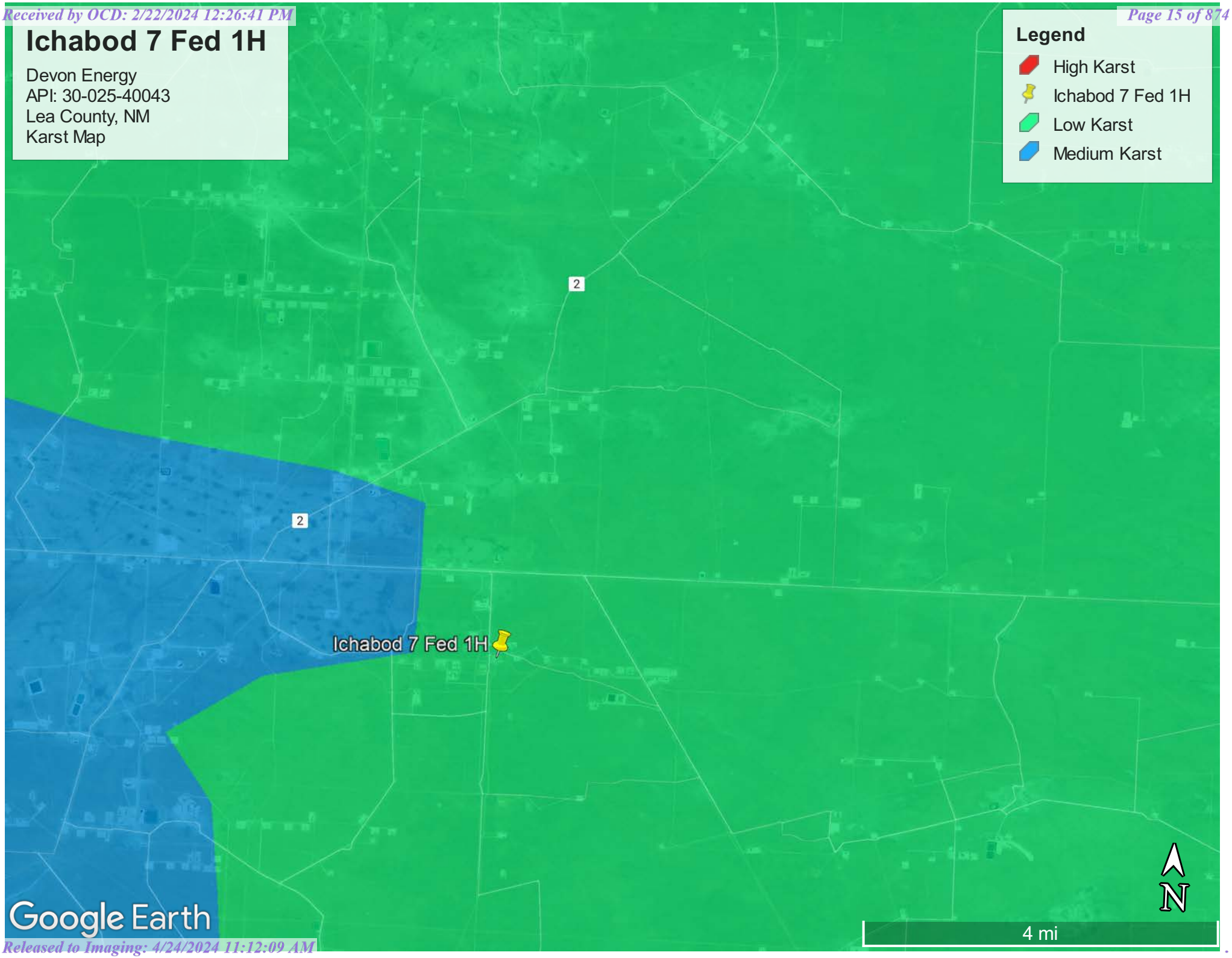
Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Topographic Map



Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Karst Map

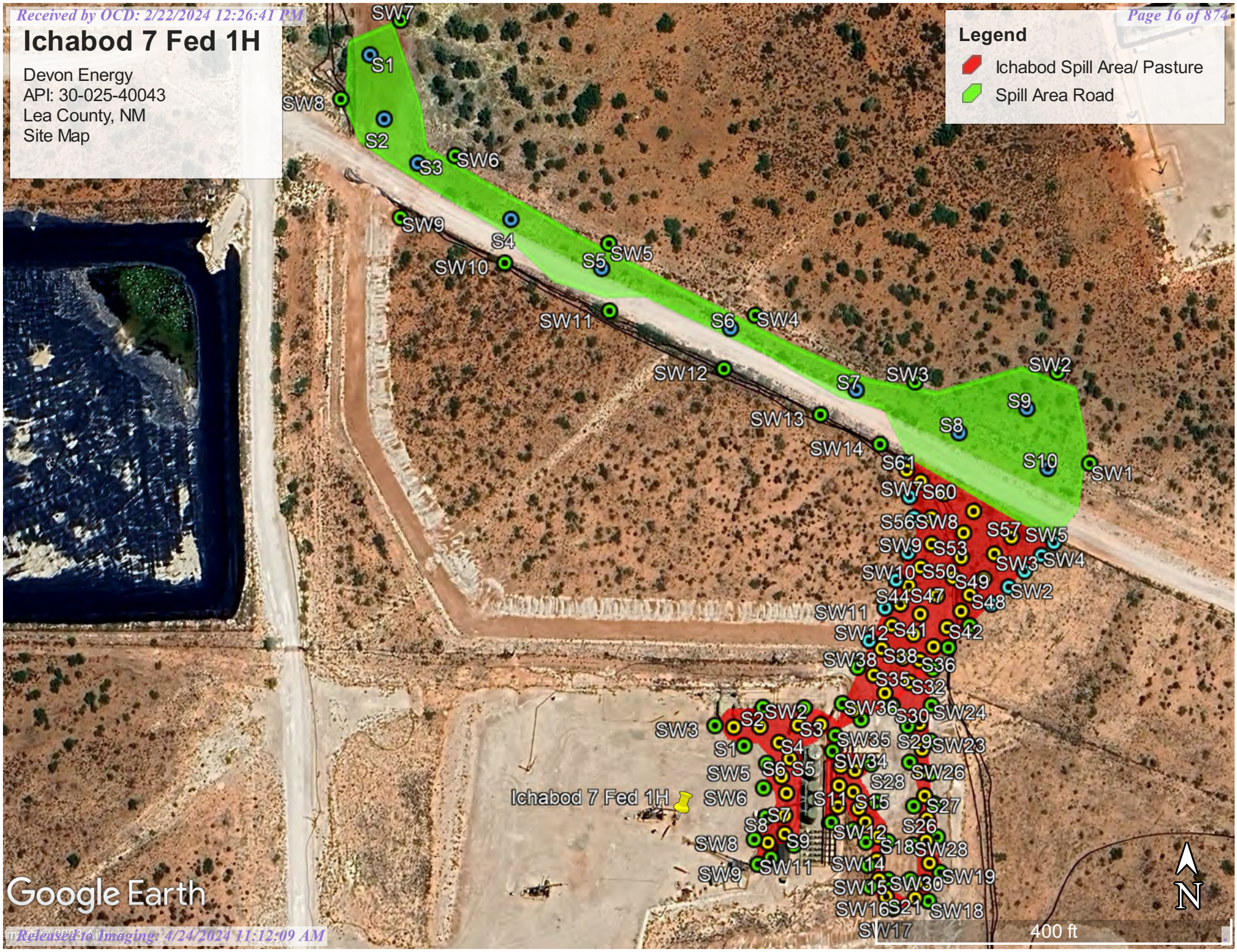


Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Site Map

Legend

- Ichabod Spill Area/ Pasture
- Spill Area Road

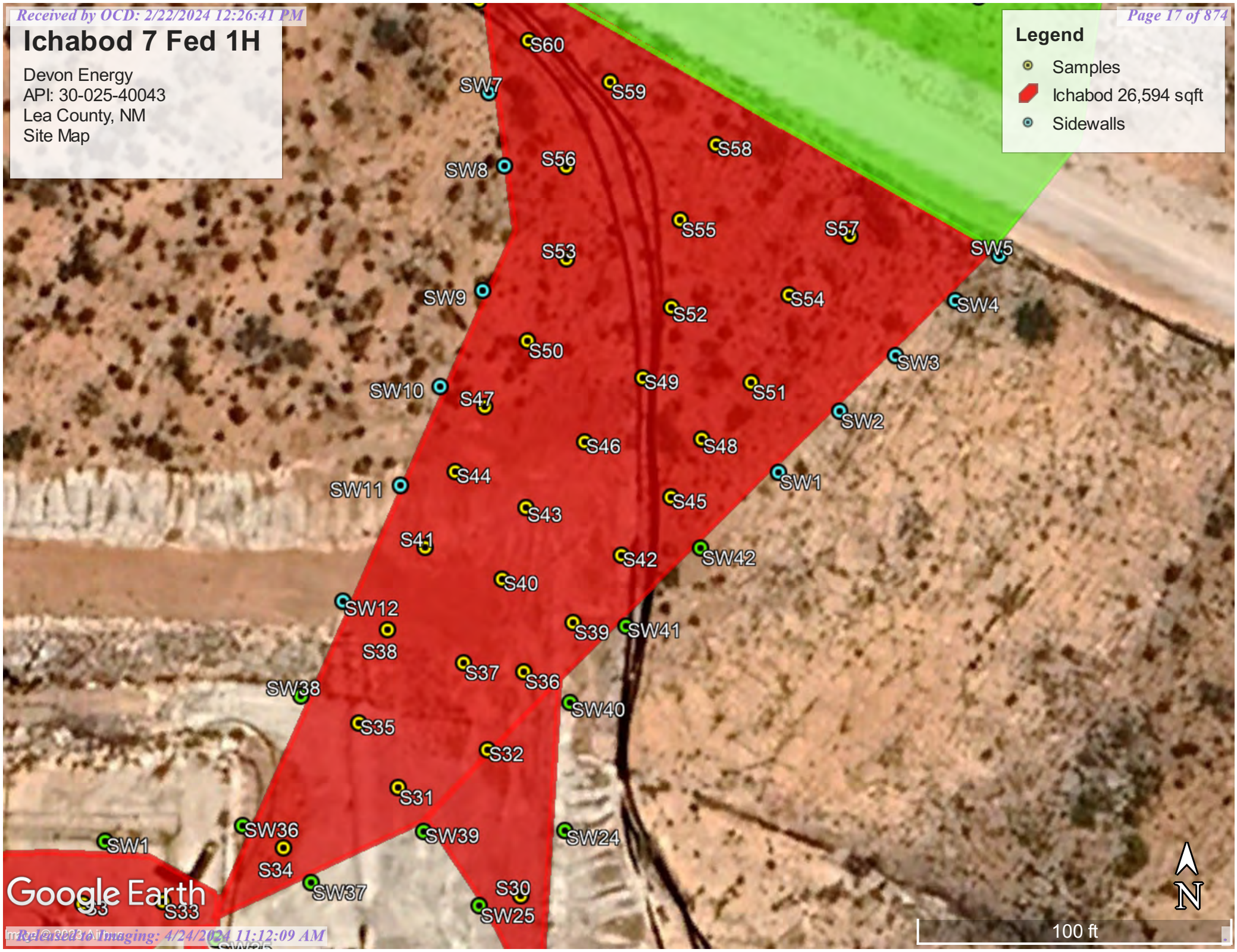


Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Site Map

Legend

- Samples
- Ichabod 26,594 sqft
- Sidewalls

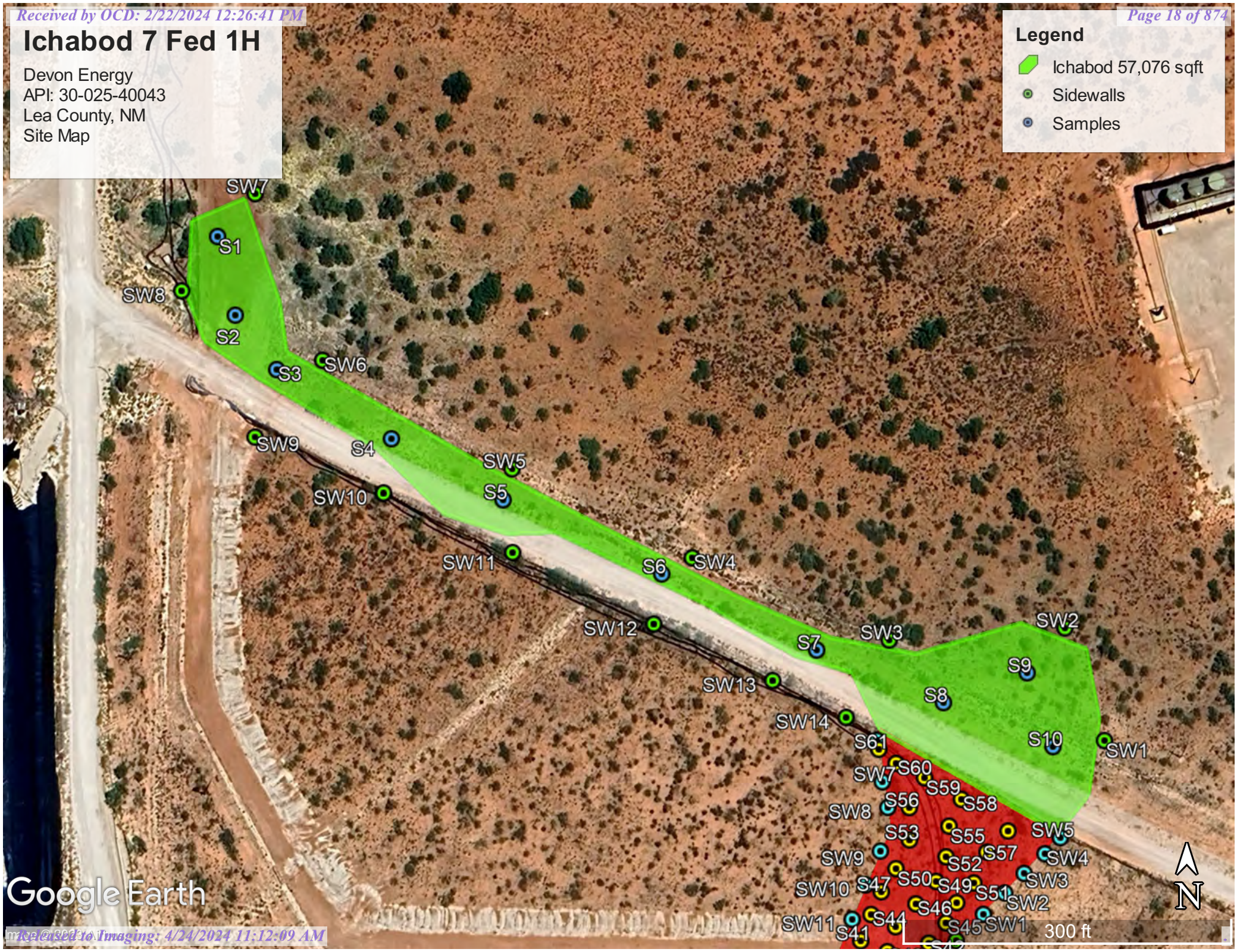


Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Site Map

Legend

- Ichabod 57,076 sqft
- Sidewalls
- Samples



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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	928			
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	1690	250	200	50
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	2930	200	140	60
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	2960	251		
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	2985	250		
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	3111	220	160	60
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	3742	55		
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3908			
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3971	200	135	65
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	4006	200	145	55
C 02316		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	4899	100	50	50
C 02317		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	4899	100	50	50

Average Depth to Water: **125 feet**
Minimum Depth: **50 feet**
Maximum Depth: **200 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 641470.53 **Northing (Y):** 3547096.58 **Radius:** 5000

***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.

6/26/23 10:35 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04626 POD1	4	2	1	18	26S	34E	640644	3546672

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 06/09/2022 **Drill Finish Date:** 06/09/2022 **Plug Date:**

Log File Date: 06/16/2022 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

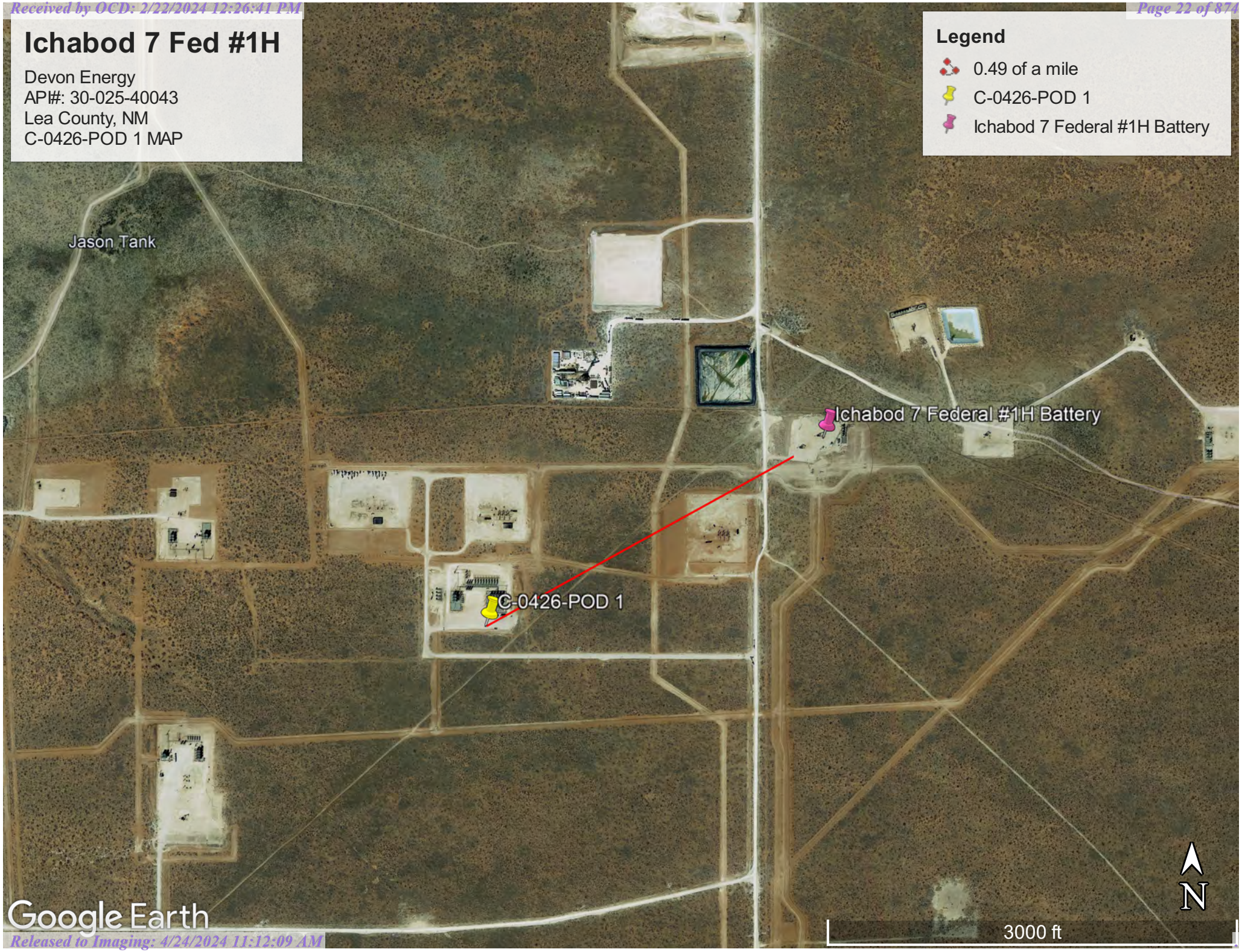
Casing Size: **Depth Well:** **Depth Water:**

Casing Perforations:	Top	Bottom
	0	55

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.

Ichabod 7 Fed #1H

Devon Energy
API#: 30-025-40043
Lea County, NM
C-0426-POD 1 MAP



National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews 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 =

- 320419103302201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320419103302201 26S.34E.06.21414

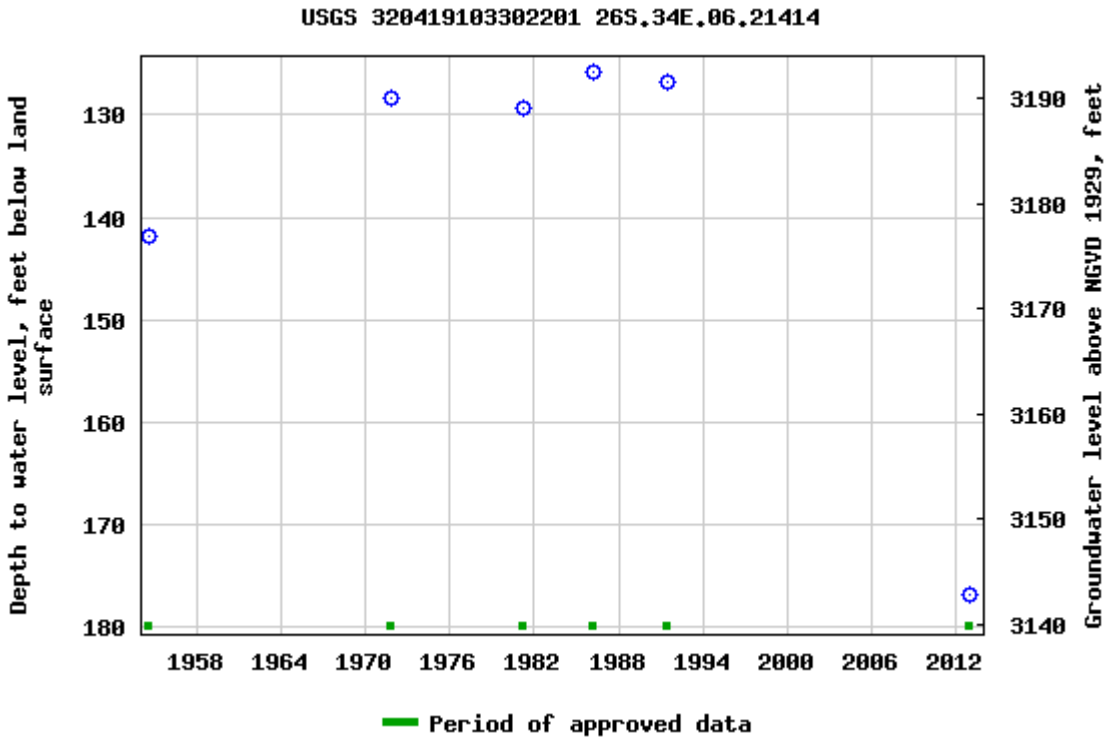
Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 360 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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



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

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms

Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

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

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-06-26 12:32:31 EDT
0.57 0.49 nadww02

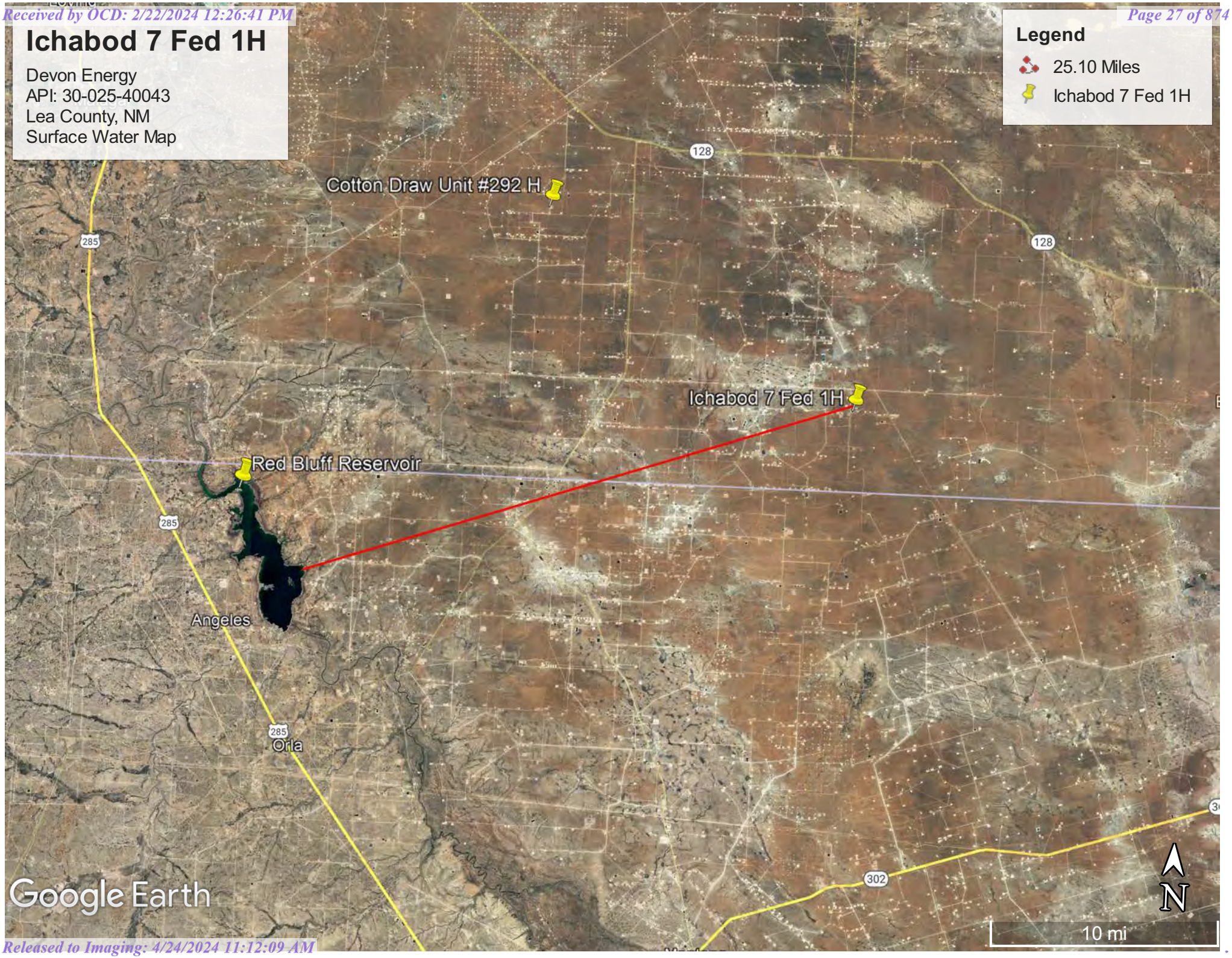
Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
USGS 320419103302201



Ichabod 7 Fed 1H

Devon Energy
API: 30-025-40043
Lea County, NM
Surface Water Map



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

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

Typical profile

A - 0 to 10 inches: fine sand
Btk - 10 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: 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: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

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Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

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

Typical profile

A - 0 to 7 inches: fine sand
Bt - 7 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: 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: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 4 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent

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Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas
Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land
Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022

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Received by OCD: 2/22/2024 12:26:41 PM

National Flood Hazard Layer FIRMette

FEMA

103°30'24"W 32°3'20"N



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

1:6,000

103°29'47"W 32°2'49"N

Basemap Imagery Source: USGS National Map 2023

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*

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

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

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

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

N

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

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

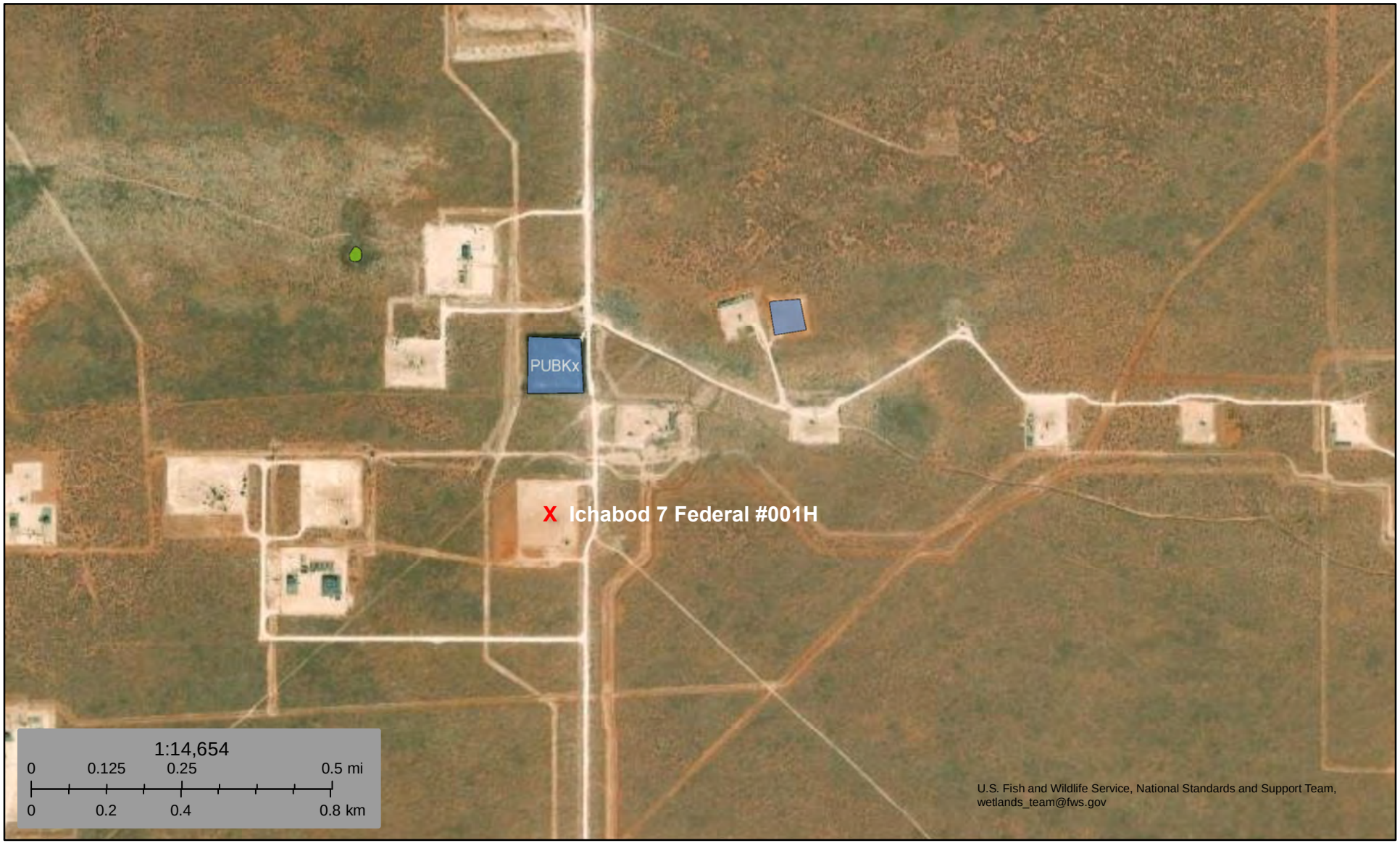
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/5/2024 at 12:52 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

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U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



June 26, 2023

Wetlands_Alaska

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

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

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Pima Environmental Services

Appendix C

C-141 Form

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	nAPP2327933516
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # *(assigned by OCD)* nAPP2327933516
Contact mailing address 205 E. Bender Road. #150; Hobbs, NM 88240	

Location of Release Source

Latitude 32.0511932 Longitude -103.5014954
(NAD 83 in decimal degrees to 5 decimal places)

Site Name ICHABOD 7 FED 1H BATTERY	Site Type BATTERY
Date Release Discovered 10/5/2023	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
P	07	26S	34E	LEA

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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 2286	Volume Recovered (bbls) 1200
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release	16" poly fuse on produced water tank failed on 16" main line. Fluids flowed into the containment, then onto pad and offsite north to the lease road.	

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2327933516
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? more than 25 bbls

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
yes; by Dale Woodall, to Robert Hamlet and the OCD, on 10/5/2023; 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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 10/6/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Shelly Wells Date: 10/6/2023

ICHABOD 7 FED 1H BATTERY

OCD incident nAPP2327933516

10/5/2023

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
172,400.00	2.00
Cubic Feet of Soil Impacted	28,733.33
Barrels of Soil Impacted	5,121.81
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	1,024.36
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	1,024.36
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
12,336.00	1.00
Standing fluid	182.84
Total fluids spilled	**1,207.20**

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	137
Width(Ft)	29
Depth(in.)	24.00
Total Capacity without tank displacements (bbls)	**1,415.24**
No. of 500 bbl Tanks In Standing Fluid	5.00
No. of Other Tanks In Standing Fluid	0.00
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	1,079.34

Fluids spilled in containment (bbls)	**1,079.34**
Impacted surface soils (bbls)	**1,024.36**
Free standing fluids (bbls)	**182.84**
Total Fluids Spilled (bbls)	**2,286.54**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 273191
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/6/2023

Pima Environmental Services

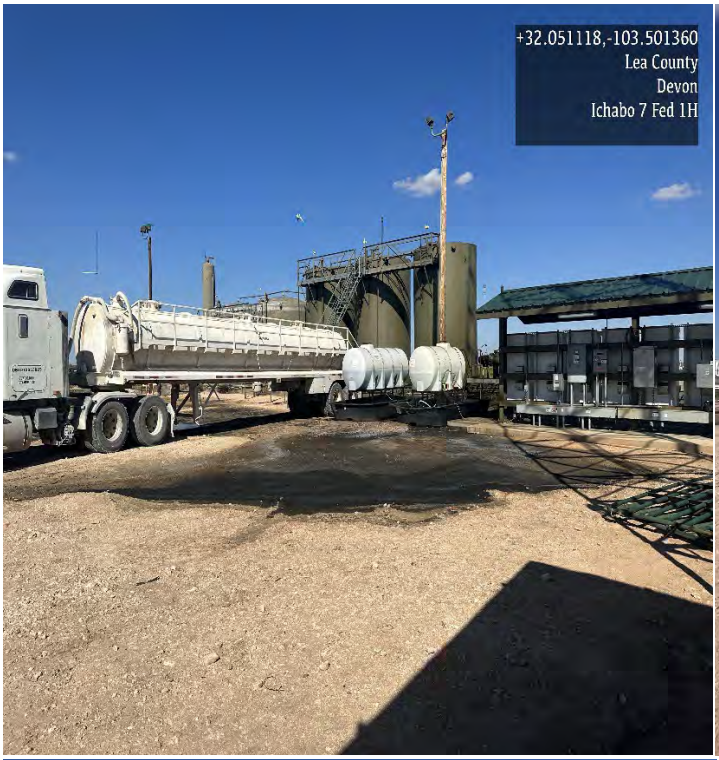
Appendix D

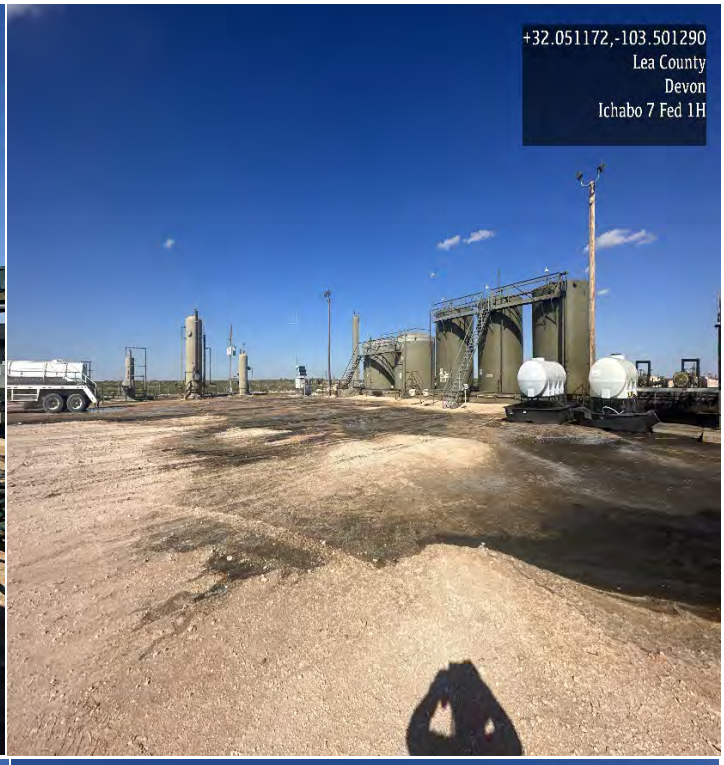
Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY

Ichabod 7 Fed 1H Battery

Site Assessment (On Pad)

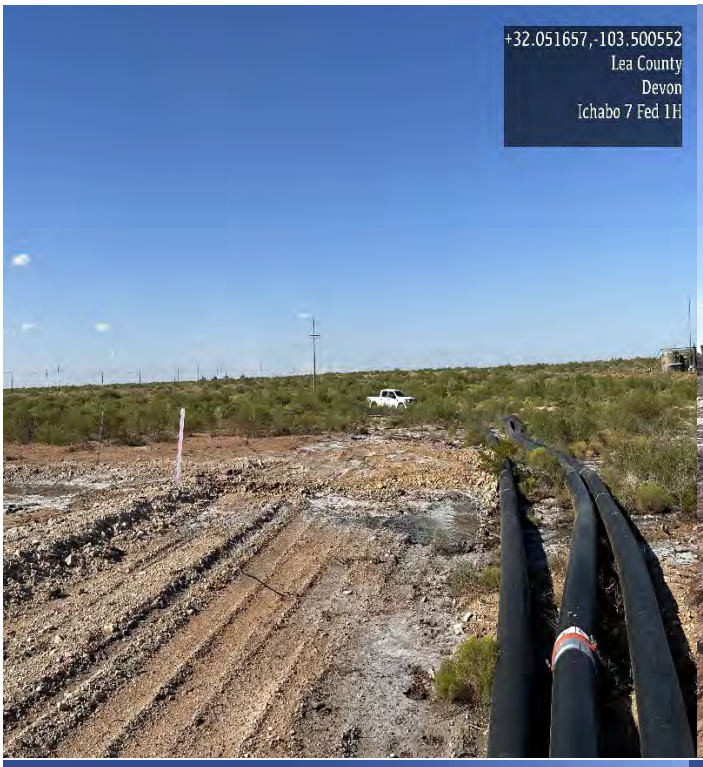


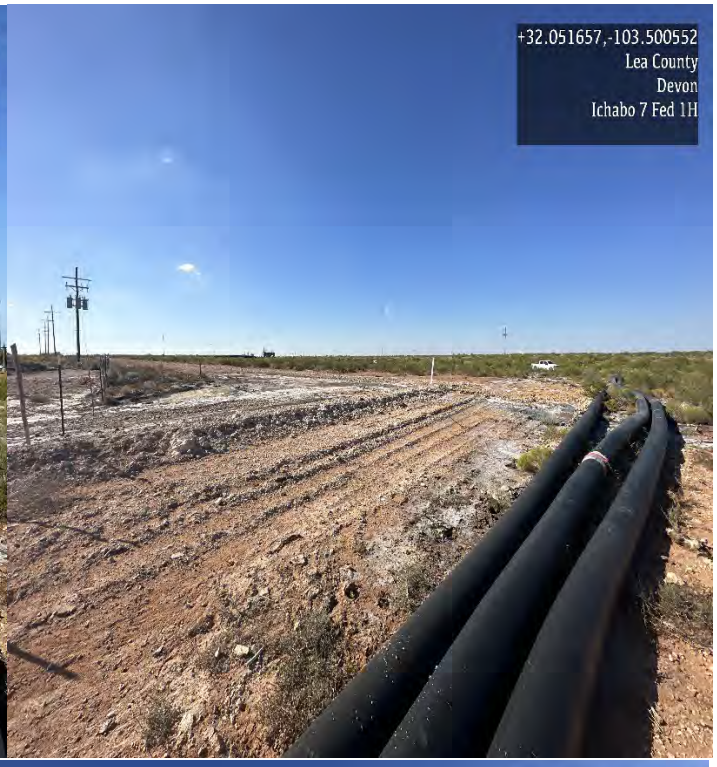


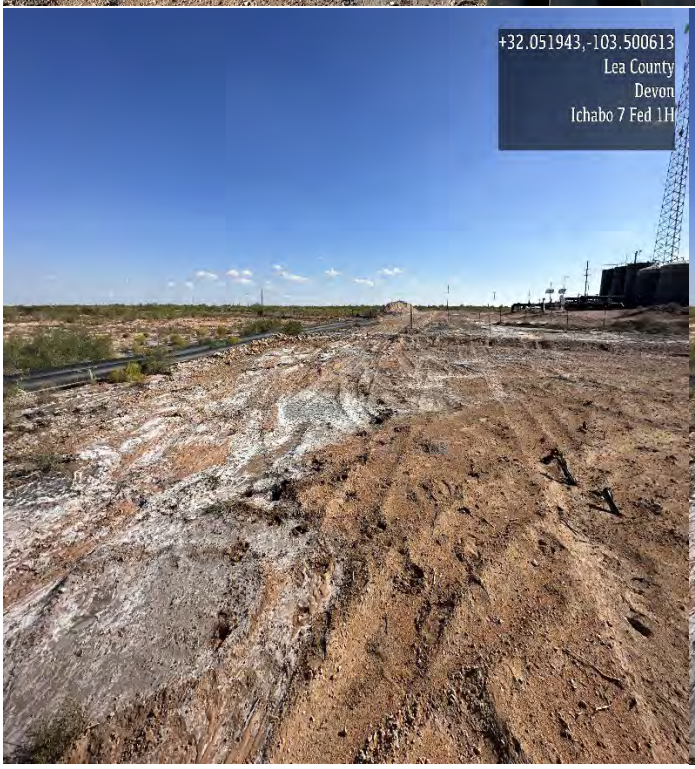




Site Assessment (Behind Pad)

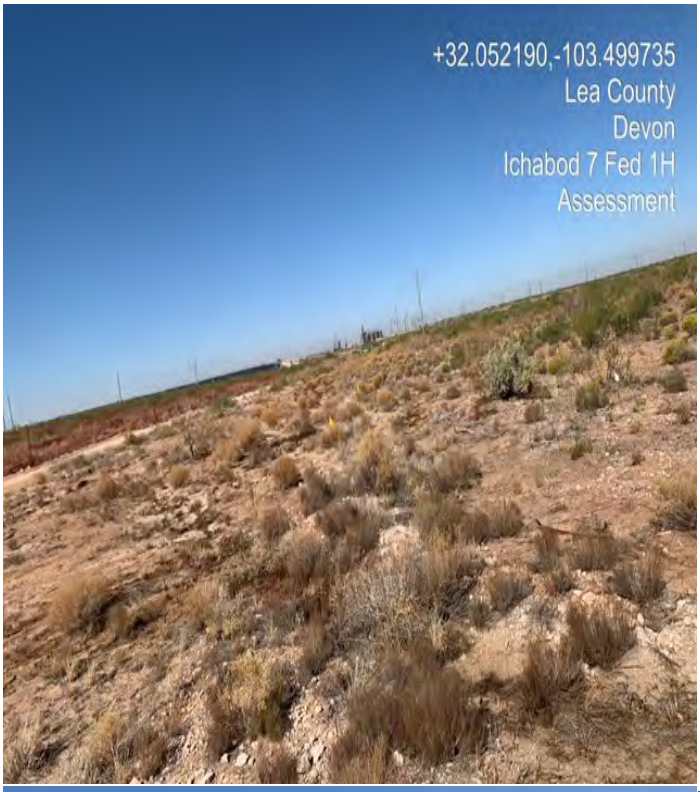


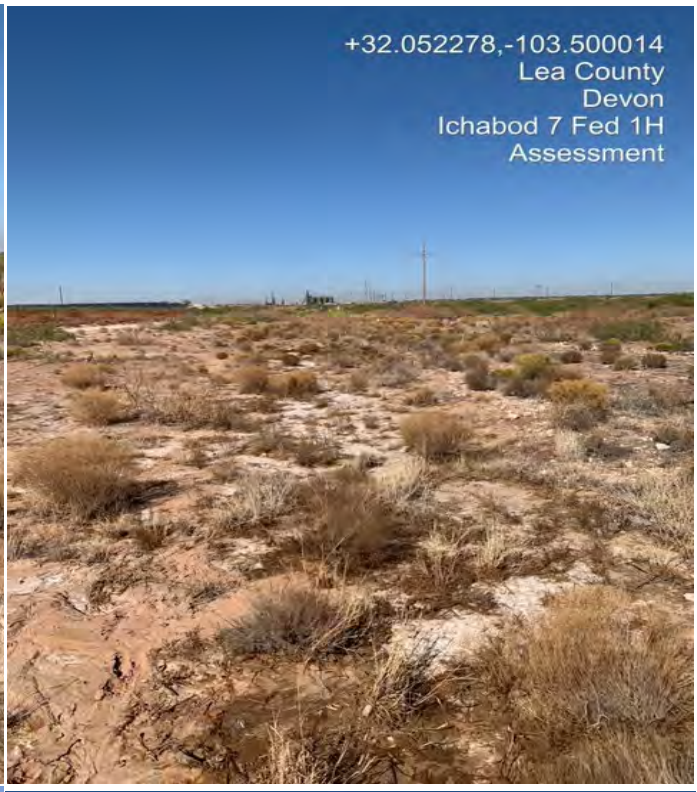


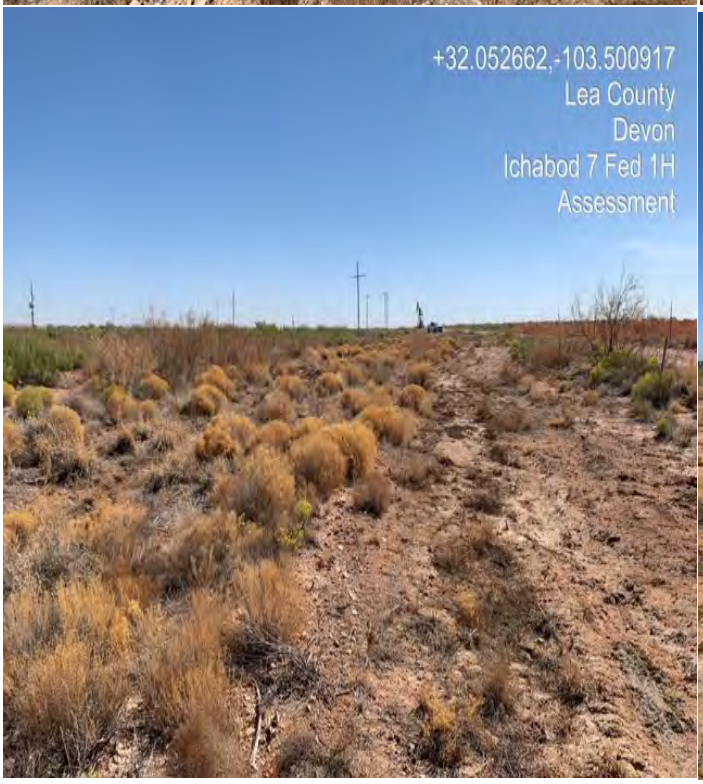


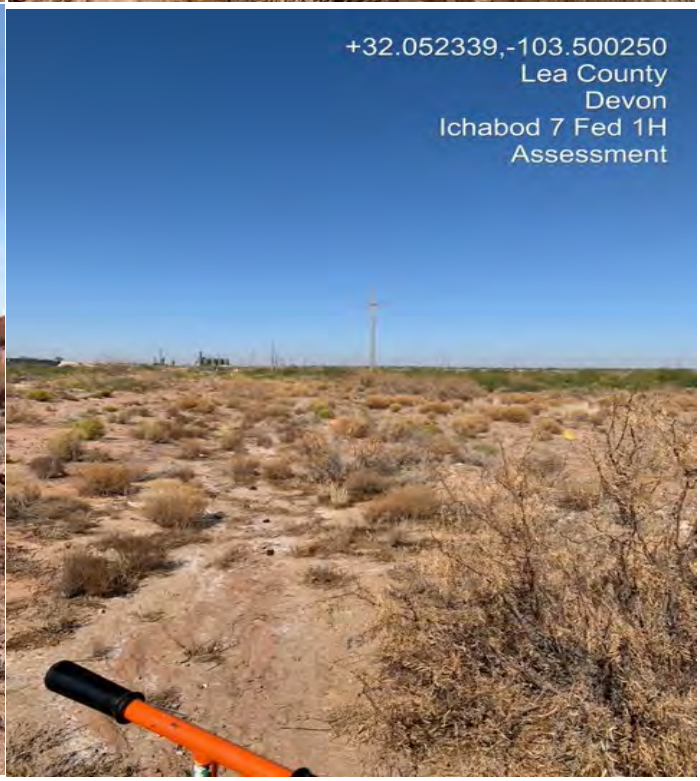


Site Assessment (Pasture)

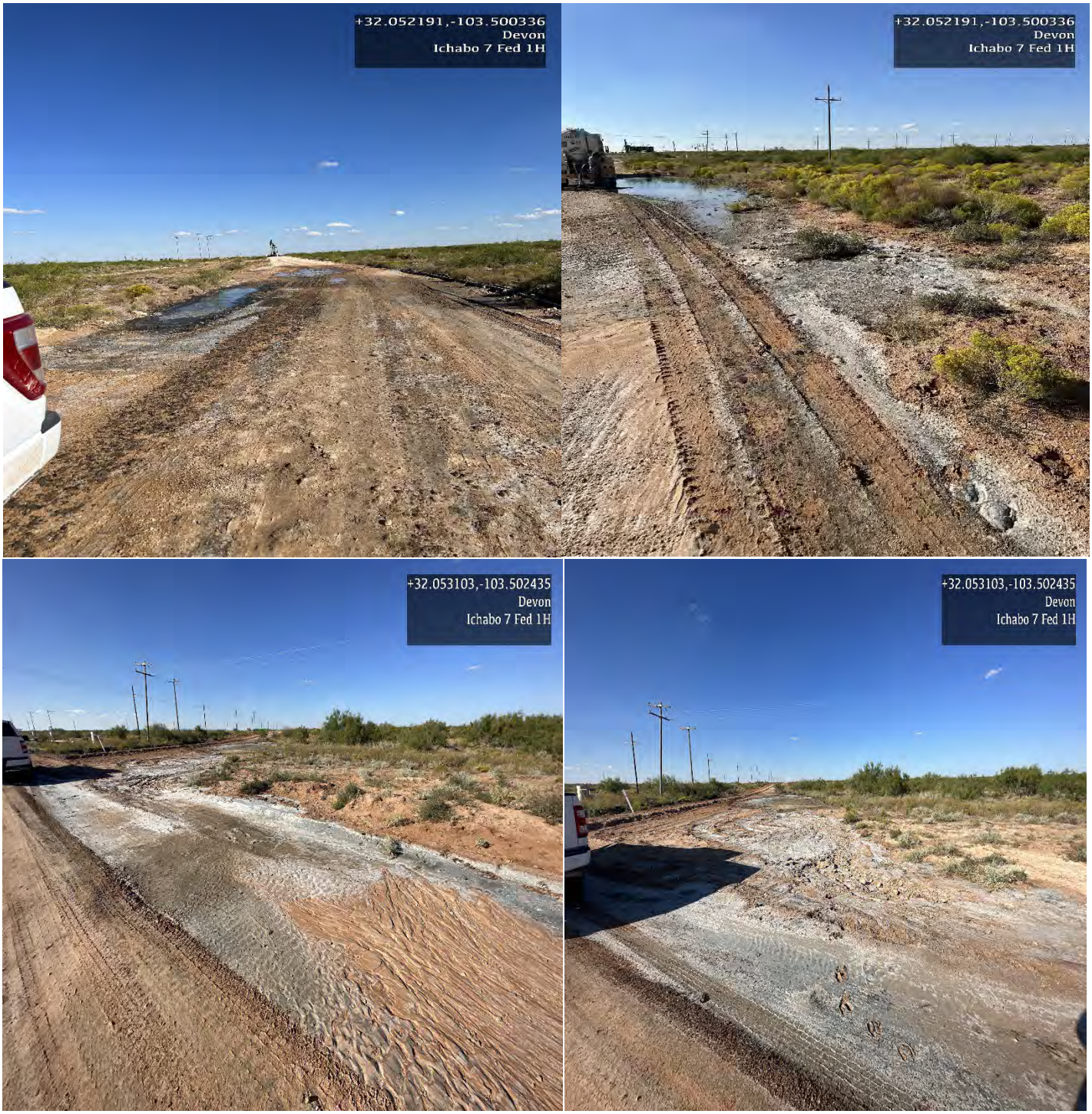








Site Assessment (Lease Road)



Liner Photographs





Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310080
Job Number:	01058-0007
Received:	10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/18/23

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

Date Reported: 10/18/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310080
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 10:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E310080-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 2'	E310080-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 3'	E310080-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 4'	E310080-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 5'	E310080-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 6'	E310080-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 1'	E310080-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 2'	E310080-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 3'	E310080-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 4'	E310080-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 5'	E310080-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 6'	E310080-12A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 1'	E310080-13A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 2'	E310080-14A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 3'	E310080-15A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 4'	E310080-16A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 5'	E310080-17A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 6'	E310080-18A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 1'	E310080-19A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 2'	E310080-20A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 1'

E310080-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**2790**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 2'

E310080-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	**26.1**	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**3890**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 3'

E310080-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	**202**	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**425**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 4'

E310080-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**675**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 5'

E310080-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S1 - 6'

E310080-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 1'

E310080-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**1610**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 2'

E310080-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**1530**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 3'

E310080-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*93.8 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**3350**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 4'

E310080-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**544**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 5'

E310080-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S2 - 6'

E310080-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 1'

E310080-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**2890**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 2'

E310080-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**3880**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 3'

E310080-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**553**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 4'

E310080-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	**28.5**	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**556**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 5'

E310080-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/16/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/12/23*	*10/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S3 - 6'

E310080-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/17/23	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/12/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S4 - 1'

E310080-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/17/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*10/12/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**3030**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

S4 - 2'

E310080-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341089
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/17/23	
Surrogate: n-Nonane		*93.8 %*	*50-200*	*10/12/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341108
Chloride	**3080**	40.0	2	10/13/23	10/14/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

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 (2341081-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.481*		*0.500*		*96.2*	*70-130*			
LCS (2341081-BS1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.05	0.0250	2.50		81.8	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.8	70-130			
Toluene	1.99	0.0250	2.50		79.5	70-130			
o-Xylene	2.03	0.0250	2.50		81.0	70-130			
p,m-Xylene	3.96	0.0500	5.00		79.1	70-130			
Total Xylenes	5.98	0.0250	7.50		79.8	70-130			
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.478*		*0.500*		*95.6*	*70-130*			
Matrix Spike (2341081-MS1)				**Source: E310080-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.41	0.0250	2.50	ND	96.4	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.3	45-135			
Toluene	2.36	0.0250	2.50	ND	94.4	48-130			
o-Xylene	2.42	0.0250	2.50	ND	97.0	43-135			
p,m-Xylene	4.74	0.0500	5.00	ND	94.8	43-135			
Total Xylenes	7.17	0.0250	7.50	ND	95.6	43-135			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.482*		*0.500*		*96.3*	*70-130*			
Matrix Spike Dup (2341081-MSD1)				**Source: E310080-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.26	0.0250	2.50	ND	90.4	48-131	6.44	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135	5.21	27	
Toluene	2.20	0.0250	2.50	ND	87.9	48-130	7.04	24	
o-Xylene	2.29	0.0250	2.50	ND	91.7	43-135	5.60	27	
p,m-Xylene	4.50	0.0500	5.00	ND	89.9	43-135	5.36	27	
Total Xylenes	6.79	0.0250	7.50	ND	90.5	43-135	5.44	27	
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: Toluene-d8	*0.476*		*0.500*		*95.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341081-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.481*		*0.500*		*96.2*	*70-130*			
LCS (2341081-BS2)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			
Matrix Spike (2341081-MS2)				**Source: E310080-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	91.1	70-130			
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.8*	*70-130*			
Matrix Spike Dup (2341081-MSD2)				**Source: E310080-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	6.96	20	
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341089-BLK1)									Prepared: 10/12/23 Analyzed: 10/16/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2341089-BS1)									Prepared: 10/12/23 Analyzed: 10/16/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	*46.7*		*50.0*		*93.4*	*50-200*			
Matrix Spike (2341089-MS1)				**Source: E310080-07**					Prepared: 10/12/23 Analyzed: 10/16/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
Matrix Spike Dup (2341089-MSD1)				**Source: E310080-07**					Prepared: 10/12/23 Analyzed: 10/16/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	38-132	6.19	20	
Surrogate: n-Nonane	*47.8*		*50.0*		*95.6*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:24:13AM

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 (2341108-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	ND	20.0							
LCS (2341108-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2341108-MS1)				**Source: E310080-01**					Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	3040	40.0	250	2790	99.6	80-120			
Matrix Spike Dup (2341108-MSD1)				**Source: E310080-01**					Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	3140	40.0	250	2790	142	80-120	3.40	20	M1

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 10:24

M1	Matrix spike recovery was above acceptance 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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 1 of 8

E310080 | 01058-0007

Client: Pima Environmental Services
Project: Echabod 7 Federal com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:06	10/10	S	1	S1-1'	1	X	
10:11				S1-2'	2		
10:18				S1-3'	3		
10:21				S1-4'	4		
10:25				S1-5'	5		
10:33				S1-6'	6		
10:36				S2-1'	7		
10:39				S2-2'	8		
10:41				S2-3'	9		
10:45				S2-4'	10		

Additional Instructions: BH 21179749

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
Karime Adame	10/11/23	1:20	Michelle Garcia	10-11-23	1320
Michelle Garcia	10-11-23	1700	[illegible] MVRSO	10.11.23	1730
[illegible] MVRSO	10.11.23	2330	Caitlin Mac	10.12.23	8:25

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 2 of 8

E310080 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 federal COM 1	Attention: DeVon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	#	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:51	10/10	S	1	S2-5'	11							X		
10:52	"	"	"	S2-6'	12							"		
10:55	"	"	"	S3-1'	13							"		
11:00	"	"	"	S3-2'	14 15							"		
11:10	"	"	"	S3-3'	15 16							"		
11:12	"	"	"	S3-4'	16 17							"		
11:15	"	"	"	S3-5'	17 18							"		
11:19	"	"	"	S3-6'	18 19							"		
11:21	"	"	"	S4-1'	19 20							"		
11:22	"	"	"	S4-2'	20							"		

Additional Instructions: B# 21179749 CM

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
Karime Adame	10/11/23	1:20	Michelle Cruz	10-11-23	1320
Michelle Lemke	10-11-23	1700	[illegible]	10.11.23	1730
[illegible]	10.11.23	2330	Courtney Mar	10.12.23	8:25

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/12/2023 1:05:21PM

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:	10/12/23 08:25	Work Order ID:	E310080
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:25	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 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? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Subcontract Lab: NA

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.Workorders are as follows: E310080/E310081/E310082/E310083.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310081
Job Number:	01058-0007
Received:	10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/18/23

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

Date Reported: 10/18/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310081
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 13:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4 - 3'	E310081-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 4'	E310081-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 5'	E310081-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 6'	E310081-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 1'	E310081-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 2'	E310081-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 3'	E310081-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 4'	E310081-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 5'	E310081-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 6'	E310081-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 1'	E310081-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 2'	E310081-12A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 3'	E310081-13A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 4'	E310081-14A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 5'	E310081-15A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 6'	E310081-16A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 1'	E310081-17A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 2'	E310081-18A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 3'	E310081-19A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 4'	E310081-20A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S4 - 3'

E310081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**621**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S4 - 4'

E310081-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**573**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S4 - 5'

E310081-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S4 - 6'

E310081-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 1'

E310081-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**3180**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 2'

E310081-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**3600**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 3'

E310081-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**550**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 4'

E310081-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*10/12/23*	*10/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**525**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 5'

E310081-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*80.4 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S5 - 6'

E310081-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	**50.7**	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*82.3 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 1'

E310081-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**723**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 2'

E310081-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**1500**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 3'

E310081-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**669**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 4'

E310081-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**691**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 5'

E310081-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*86.5 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S6 - 6'

E310081-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	ND	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S7 - 1'

E310081-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**1670**	20.0	1	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S7 - 2'

E310081-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**3680**	40.0	2	10/13/23	10/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S7 - 3'

E310081-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**553**	20.0	1	10/13/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

S7 - 4'

E310081-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341084
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341093
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*10/12/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2341109
Chloride	**574**	20.0	1	10/13/23	10/15/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

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 (2341084-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.559*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
LCS (2341084-BS1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.50	0.0250	2.50		100	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.09	0.0500	5.00		102	70-130			
Total Xylenes	7.61	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.593*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
Matrix Spike (2341084-MS1)				**Source: E310081-09**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.58	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135			
Toluene	2.57	0.0250	2.50	ND	103	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.79	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	*0.590*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2341084-MSD1)				**Source: E310081-09**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	2.54	0.0250	2.50	ND	102	48-131	1.41	23	
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135	2.90	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	2.42	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	1.12	27	
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135	1.51	27	
Total Xylenes	7.69	0.0250	7.50	ND	102	43-135	1.38	27	
Surrogate: Bromofluorobenzene	*0.592*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341084-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.559*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
LCS (2341084-BS2)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: Bromofluorobenzene	*0.581*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
Matrix Spike (2341084-MS2)				**Source: E310081-09**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2341084-MSD2)				**Source: E310081-09**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.751	20	
Surrogate: Bromofluorobenzene	*0.575*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341093-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.0*		*50.0*		*90.0*	*50-200*			
LCS (2341093-BS1)									Prepared: 10/12/23 Analyzed: 10/13/23
Diesel Range Organics (C10-C28)	221	25.0	250		88.6	38-132			
Surrogate: n-Nonane	*41.5*		*50.0*		*83.1*	*50-200*			
Matrix Spike (2341093-MS1)				**Source: E310081-05**					Prepared: 10/12/23 Analyzed: 10/13/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*50-200*			
Matrix Spike Dup (2341093-MSD1)				**Source: E310081-05**					Prepared: 10/12/23 Analyzed: 10/13/23
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	5.67	20	
Surrogate: n-Nonane	*48.5*		*50.0*		*96.9*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:07:30PM

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 (2341109-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	ND	20.0							
LCS (2341109-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2341109-MS1)				**Source: E310081-01**					Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	829	20.0	250	621	83.0	80-120			
Matrix Spike Dup (2341109-MSD1)				**Source: E310081-01**					Prepared: 10/13/23 Analyzed: 10/14/23
Chloride	846	20.0	250	621	89.7	80-120	2.02	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 13:07

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | **Chain of Custody** | Page 3 of 8

E310081 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Chabod 7 Federal COM 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA — State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:26	10/10	S	1	S4-3'	1							X		
11:31	"	"	"	S4-4'	2							"		
11:33	"	"	"	S4-5'	3							"		
11:35	"	"	"	S4-6'	4							"		
11:36	"	"	"	S5-1'	5							"		
11:39	"	"	"	S5-2'	6							"		
11:41	"	"	"	S5-3'	7							"		
11:43	"	"	"	S5-4'	8							"		
11:45	"	"	"	S5-5'	9							"		
11:49	"	"	"	S5-6'	10							"		

Additional Instructions: B# 21179749

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
Karissa Adame	10/11/23	1:20	[signature]	10-11-23	1320
[signature]	10-11-23	1700	[signature]	10.11.23	1730
[signature]	10.11.23	2330	[signature]	10.12.23	8:25

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 4 of 8

E310081 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:51	10/10	S	1	S6 - 1'	11	X	
11:52	"	"	"	S6 - 2'	12	"	
11:53	"	"	"	S6 - 3'	13	"	
11:55	"	"	"	S6 - 4'	14	"	
11:59	"	"	"	S6 - 5'	15	"	
12:00	"	"	"	S6 - 6'	16	"	
12:05	"	"	"	S7 - 1'	17	"	
12:11	"	"	"	S7 - 2'	18	"	
12:15	"	"	"	S7 - 3'	19	"	
12:16	"	"	"	S7 - 4'	20	"	

Additional Instructions: BH 21179749

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
Corine Adams	10/11/23	1:20	Michelle Gaylor	10-11-23	13:20
Michelle Gaylor	10-11-23	1700	Andrew Mugo	10.11.23	1730
Andrew Mugo	10.11.23	2330	Earth Man	10-12-23	8:25

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/12/2023 1:08:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/12/23 08:25	Work Order ID:	E310081
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:26	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.Workorders are as follows: E310080/E310081/E310082/E310083.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310082
Job Number:	01058-0007
Received:	10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/18/23

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

Date Reported: 10/18/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310082
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 13:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7 - 5'	E310082-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 6'	E310082-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 1'	E310082-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 2'	E310082-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 3'	E310082-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 4'	E310082-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 5'	E310082-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 6'	E310082-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 1'	E310082-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 2'	E310082-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 3'	E310082-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 4'	E310082-12A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 5'	E310082-13A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 6'	E310082-14A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 1'	E310082-15A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 2'	E310082-16A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 3'	E310082-17A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 4'	E310082-18A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 5'	E310082-19A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 6'	E310082-20A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S7 - 5'

E310082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S7 - 6'

E310082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 1'

E310082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	**26.1**	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*80.5 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**5810**	100	5	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 2'

E310082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**3240**	40.0	2	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 3'

E310082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**600**	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 4'

E310082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	**29.8**	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**642**	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 5'

E310082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*81.7 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S8 - 6'

E310082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 1'

E310082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	**41.3**	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**4030**	40.0	2	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 2'

E310082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**1860**	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 3'

E310082-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*81.0 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**585**	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 4'

E310082-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**776**	20.0	1	10/13/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 5'

E310082-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S9 - 6'

E310082-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 1'

E310082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*88.2 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**2940**	40.0	2	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 2'

E310082-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*82.2 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**4940**	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 3'

E310082-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	**95.8**	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*92.0 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**567**	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 4'

E310082-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	**570**	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 5'

E310082-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

S10 - 6'

E310082-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/12/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2341110
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2341113
Chloride	ND	20.0	1	10/13/23	10/17/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

Volatile Organics by EPA 8021B

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 (2341085-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2341085-BS1)									Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130			
Toluene	4.91	0.0250	5.00		98.1	70-130			
o-Xylene	4.85	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		*8.00*		*96.6*	*70-130*			
Matrix Spike (2341085-MS1)				**Source: E310082-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	4.92	0.0250	5.00	ND	98.5	54-133			
Ethylbenzene	4.75	0.0250	5.00	ND	95.1	61-133			
Toluene	4.93	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
Matrix Spike Dup (2341085-MSD1)				**Source: E310082-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Benzene	4.73	0.0250	5.00	ND	94.7	54-133	3.97	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.5	61-133	3.84	20	
Toluene	4.74	0.0250	5.00	ND	94.8	61-130	3.97	20	
o-Xylene	4.70	0.0250	5.00	ND	93.9	63-131	3.88	20	
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	63-131	3.81	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.5	63-131	3.83	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341085-BLK1)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2341085-BS2)									Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike (2341085-MS2)				**Source: E310082-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike Dup (2341085-MSD2)				**Source: E310082-02**					Prepared: 10/12/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	70-130	13.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341110-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.5*		*50.0*		*95.1*	*50-200*			
LCS (2341110-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.2	38-132			
Surrogate: n-Nonane	*45.0*		*50.0*		*90.0*	*50-200*			
Matrix Spike (2341110-MS1)				**Source: E310082-09**					Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	290	25.0	250	41.3	99.3	38-132			
Surrogate: n-Nonane	*43.5*		*50.0*		*87.0*	*50-200*			
Matrix Spike Dup (2341110-MSD1)				**Source: E310082-09**					Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	279	25.0	250	41.3	94.9	38-132	3.85	20	
Surrogate: n-Nonane	*41.2*		*50.0*		*82.3*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 1:11:44PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341113-BLK1)									Prepared: 10/13/23 Analyzed: 10/16/23
Chloride	ND	20.0							
LCS (2341113-BS1)									Prepared: 10/13/23 Analyzed: 10/16/23
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2341113-MS1)				**Source: E310082-01**					Prepared: 10/13/23 Analyzed: 10/16/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2341113-MSD1)				**Source: E310082-01**					Prepared: 10/13/23 Analyzed: 10/16/23
Chloride	251	20.0	250	ND	100	80-120	1.97	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 13:11

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 5 of 8

E310082 | 01058.0007

Client: Pima Environmental Services
Project: Echabod 7 Federal Com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Deyon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8250 | Metals 6010 | Chloride 300.0 | BGDOC NM (X) | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:21	10/10	S	1	S7 - 5'	1	
12:23				S7 - 6'	2	
12:25				S8 - 1'	3	
12:29				S8 - 2'	4	
12:31				S8 - 3'	5	
12:33				S8 - 4'	6	
12:35				S8 - 5'	7	
12:39				S8 - 6'	8	
12:40				S9 - 1'	9	
12:43				S9 - 2'	10	

Additional Instructions: BH 2179749

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
Jaime Adame	10/11/23	1:20	Michelle Gaylor	10-11-23	1320
Michelle Gaylor	10-11-23	1700	Andrew Muñoz	10.11.23	1730
Andrew Muñoz	10.11.23	2330	Cathy Man	10.12.23	8:25

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

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

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

envirotech

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 6 of 8

E310082 | 01058-0007

Client: Pima Environmental Services	Bill To		
Project: Echabol 7 Federal Com 1	Attention: Devon		
Project Manager: Tom Bynum	Address:		
Address: 5614 N. Lovington Hwy.	City, State, Zip		
City, State, Zip Hobbs, NM, 88240	Phone:		
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 328-3		
Report due by:			

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab # (Lab Use Only)	Remarks
12:50	10/10	S	1	S9 - 3'	11	
12:53	"	"	"	S9 - 4'	12	
12:59	"	"	"	S9 - 5'	13	
1:00	"	"	"	S9 - 6'	14	
1:07	"	"	"	S10 - 1'	15	
1:09	"	"	"	S10 - 2'	16	
1:10	"	"	"	S10 - 3'	17	
1:12	"	"	"	S10 - 4'	18	
1:15	"	"	"	S10 - 5'	19	
1:17	"	"	"	S10 - 6'	20	

Additional Instructions: B# 2117949

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
Lorime Adame	10/11/23	1:20	Michelle Gaytan	10-11-23	1320
Michelle Gaytan	10-11-23	1700	Andrew Murfee	10-11-23	1730
Andrew Murfee	10-11-23	2330	Cath Mar	10-12-23	8:25

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/12/2023 1:24:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/12/23 08:25	Work Order ID:	E310082
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:28	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.Workorders are as follows: E310080/E310081/E310082/E310083.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310083
Job Number:	01058-0007
Received:	10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/17/23

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

Date Reported: 10/17/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310083
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/23 12:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	E310083-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW2	E310083-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW3	E310083-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW4	E310083-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW5	E310083-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW6	E310083-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW7	E310083-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW8	E310083-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW9	E310083-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW10	E310083-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW11	E310083-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW1

E310083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*92.0 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW2

E310083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*92.3 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW3

E310083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW4

E310083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW5

E310083-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*92.5 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW6

E310083-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW7

E310083-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW8

E310083-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW9

E310083-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW10

E310083-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

SW11

E310083-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Benzene	ND	0.0250	1	10/13/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/13/23	
Toluene	ND	0.0250	1	10/13/23	10/13/23	
o-Xylene	ND	0.0250	1	10/13/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/13/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/13/23*	*10/13/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*10/13/23*	*10/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342001
Chloride	ND	20.0	1	10/15/23	10/16/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

Volatile Organics by EPA 8021B

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 (2341096-BLK1)									Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			
LCS (2341096-BS1)									Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.76	0.0250	5.00		95.2	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2341096-MS1)				**Source: E310083-01**					Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	4.89	0.0250	5.00	ND	97.7	54-133			
Ethylbenzene	4.70	0.0250	5.00	ND	94.1	61-133			
Toluene	4.89	0.0250	5.00	ND	97.9	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike Dup (2341096-MSD1)				**Source: E310083-01**					Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133	2.61	20	
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	61-133	2.45	20	
Toluene	4.77	0.0250	5.00	ND	95.3	61-130	2.61	20	
o-Xylene	4.72	0.0250	5.00	ND	94.5	63-131	2.49	20	
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	63-131	2.35	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.9	63-131	2.39	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341096-BLK1)									Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS (2341096-BS2)									Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.7*	*70-130*			
Matrix Spike (2341096-MS2)				**Source: E310083-01**					Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2341096-MSD2)				**Source: E310083-01**					Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.1	70-130	1.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341102-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.9*		*50.0*		*93.8*	*50-200*			
LCS (2341102-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.4*	*50-200*			
Matrix Spike (2341102-MS1)				**Source: E310088-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.3*	*50-200*			
Matrix Spike Dup (2341102-MSD1)				**Source: E310088-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.4	38-132	0.506	20	
Surrogate: n-Nonane	*48.5*		*50.0*		*97.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 12:39:21PM

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 (2342001-BLK1)									Prepared: 10/15/23 Analyzed: 10/15/23
Chloride	ND	20.0							
LCS (2342001-BS1)									Prepared: 10/15/23 Analyzed: 10/15/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2342001-MS1)				**Source: E310083-03**					Prepared: 10/15/23 Analyzed: 10/15/23
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2342001-MSD1)				**Source: E310083-03**					Prepared: 10/15/23 Analyzed: 10/15/23
Chloride	257	20.0	250	ND	103	80-120	1.55	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/23 12:39

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 7 of 8

E310083 | 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:18	10/10	S	1	SW1	1							X		
1:19	"	"	"	SW2	2									
1:22	"	"	"	SW3	3									
1:25	"	"	"	SW4	4									
1:30	"	"	"	SW5	5									
1:33	"	"	"	SW6	6									
1:35	"	"	"	SW7	7									
1:39	"	"	"	SW8	8									
1:40	"	"	"	SW9	9									
1:44	"	"	"	SW10	10									

Additional Instructions: B# 21179749

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
Carine Adame	10/11/23	1:20	Michelle Gaylo	10/11/23	1320
Michelle Gaylo	10-11-23	1700	Andrew Mesa	10.11.23	1730
Andrew Mesa	10.11.23	2330	Cathy Man	10.12.23	8:25

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 8 of 8

E310083 | 01058·0007

Client: Pima Environmental Services
Project: Ichabod 3 Federal Com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	10/10	S	1	SW11	11							X		

Analysis and Method

Additional Instructions: B#21179749

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
Marine Ajame	10/11/23	1:20	Michelle Gaye	10-11-23	1320
Michelle Gaye	10-11-23	1700	Andrew Mvsso	10.11.23	1730
Andrew Mvsso	10.11.23	2330	Cuth Mca	10.12.23	8:25

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/12/2023 1:27:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/12/23 08:25	Work Order ID:	E310083
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:29	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.Workorders are as follows: E310080/E310081/E310082/E310083. Time sampled not provided on sample # 11.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310091
Job Number:	01058-0007
Received:	10/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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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.

Date Reported: 10/19/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310091
Date Received: 10/13/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 - 1'	E310091-01A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S11 - 2'	E310091-02A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S11 - 3'	E310091-03A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S11 - 4'	E310091-04A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S11 - 5'	E310091-05A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S11 - 6'	E310091-06A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 1'	E310091-07A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 2'	E310091-08A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 3'	E310091-09A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 4'	E310091-10A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 5'	E310091-11A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S12 - 6'	E310091-12A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 1'	E310091-13A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 2'	E310091-14A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 3'	E310091-15A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 4'	E310091-16A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 5'	E310091-17A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S13 - 6'	E310091-18A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S14 - 1'	E310091-19A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S14 - 2'	E310091-20A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 1'

E310091-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**4410**	40.0	2	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 2'

E310091-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**4380**	40.0	2	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 3'

E310091-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**1450**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 4'

E310091-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**449**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 5'

E310091-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**112**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**220**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S11 - 6'

E310091-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**43.6**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**48.9**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 1'

E310091-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**2030**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 2'

E310091-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*83.3 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**3080**	40.0	2	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 3'

E310091-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**2470**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 4'

E310091-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*92.9 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**218**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 5'

E310091-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**85.1**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**228**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S12 - 6'

E310091-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**46.8**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 1'

E310091-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**44.1**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**2240**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 2'

E310091-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**479**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 3'

E310091-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**1160**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 4'

E310091-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**196**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 5'

E310091-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**103**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*84.4 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**223**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S13 - 6'

E310091-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	**32.7**	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**41.8**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S14 - 1'

E310091-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**1680**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

S14 - 2'

E310091-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341097
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341112
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/17/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*10/13/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342034
Chloride	**445**	20.0	1	10/17/23	10/18/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

Volatile Organics by EPA 8021B

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 (2341097-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.3*	*70-130*			
LCS (2341097-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.2*	*70-130*			
Matrix Spike (2341097-MS1)				**Source: E310091-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.13	0.0250	5.00	ND	103	61-130			
o-Xylene	5.08	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2341097-MSD1)				**Source: E310091-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	4.82	0.0250	5.00	ND	96.5	54-133	6.46	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133	6.25	20	
Toluene	4.81	0.0250	5.00	ND	96.2	61-130	6.45	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	5.79	20	
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	63-131	6.02	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.6	63-131	5.94	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341097-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2341097-BS2)									Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2341097-MS2)				**Source: E310091-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.3*	*70-130*			
Matrix Spike Dup (2341097-MSD2)				**Source: E310091-02**					Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0	ND	81.4	70-130	7.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341112-BLK1)									Prepared: 10/13/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.5*		*50.0*		*97.0*	*50-200*			
LCS (2341112-BS1)									Prepared: 10/13/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	236	25.0	250		94.5	38-132			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.8*	*50-200*			
Matrix Spike (2341112-MS1)				**Source: E310091-07**					Prepared: 10/13/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.8	38-132			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.5*	*50-200*			
Matrix Spike Dup (2341112-MSD1)				**Source: E310091-07**					Prepared: 10/13/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132	5.77	20	
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:26:29PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342034-BLK1)									Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	ND	20.0							
LCS (2342034-BS1)									Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2342034-MS1)				**Source: E310091-10**					Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	482	20.0	250	218	105	80-120			
Matrix Spike Dup (2342034-MSD1)				**Source: E310091-10**					Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	430	20.0	250	218	84.6	80-120	11.4	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:26

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | **Chain of Custody** | Page 1 of 8

E31009 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 federal com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA — State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:32	10/11	S	1	S11-1'	1							X		
9:35				S11-2'	2									
9:39				S11-3'	3									
9:44				S11-4'	4									
9:49				S11-5'	5									
9:51				S11-6'	6									
9:55				S12-1'	7									
9:58				S12-2'	8									
10:00				S12-3'	9									
10:07				S12-4'	10									

Additional Instructions: BH-2117949

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
Karine Adame	10/12/23	3:15	Michelle Garcia	10-12-23	1515
Michelle Garcia	10-12-23	1800	[illegible] mcGo	10.12.23	1800
[illegible] mcGo	10.12.23	2400	Santa Mar	10.13.23	8:15

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 7 of 8

E310091 / 01058.0007

Client: Pima Environmental Services	Bill To
Project: Echade 7 Federal Com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:08	10/11	S	1	S12-5'	11							X		
10:13	"	"	"	S12-6'	12							"		
10:15	"	"	"	S13-1'	13							"		
10:17	"	"	"	S13-2'	14							"		
10:21	"	"	"	S13-3'	15							"		
10:27	"	"	"	S13-4'	16							"		
10:29	"	"	"	S13-5'	17							"		
10:31	"	"	"	S13-6'	18							"		
10:33	"	"	"	S14-1'	19							"		
10:39	"	"	"	S14-2'	20							"		

Additional Instructions: B# 21179749

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
Karine Adame	10/12/23	3:15	[signature]	10-12-23	1515
Michelle Gonzales	10-12-23	1800	[signature]	10-12-23	1800
[signature]	10-12-23	2400	[signature]	10.13.23	8:15

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/13/2023 1:41:47PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/13/23 08:15	Work Order ID:	E310091
Phone:	(575) 631-6977	Date Logged In:	10/12/23 16:24	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/19/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.
Workorders are as follows:
E310091/E310092/E310093/E310094.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310092
Job Number:	01058-0007
Received:	10/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/23

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

Date Reported: 10/19/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310092
Date Received: 10/13/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S14 - 3'	E310092-01A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S14 - 4'	E310092-02A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S14 - 5'	E310092-03A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S14 - 6'	E310092-04A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 1'	E310092-05A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 2'	E310092-06A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 3'	E310092-07A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 4'	E310092-08A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 5'	E310092-09A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S15 - 6'	E310092-10A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 1'	E310092-11A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 2'	E310092-12A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 3'	E310092-13A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 4'	E310092-14A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 5'	E310092-15A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S16 - 6'	E310092-16A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S17 - 1'	E310092-17A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S17 - 2'	E310092-18A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S17 - 3'	E310092-19A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S17 - 4'	E310092-20A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S14 - 3'

E310092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*69.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**15200**	400	20	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S14 - 4'

E310092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*66.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**115**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S14 - 5'

E310092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**58.0**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*69.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**188**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S14 - 6'

E310092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**43.1**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*74.8 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**42.8**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 1'

E310092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.7 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**578**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 2'

E310092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*77.2 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**846**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 3'

E310092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.3 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**671**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 4'

E310092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**238**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 5'

E310092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**68.4**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*76.2 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**207**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S15 - 6'

E310092-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**44.3**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**41.5**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 1'

E310092-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**29.2**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.3 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**1550**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 2'

E310092-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*77.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**1440**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 3'

E310092-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*72.1 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**13900**	200	10	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 4'

E310092-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*71.0 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**622**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 5'

E310092-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**60.7**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*75.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**212**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S16 - 6'

E310092-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**48.0**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*74.2 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**42.8**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S17 - 1'

E310092-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**3220**	40.0	2	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S17 - 2'

E310092-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**1660**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S17 - 3'

E310092-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*76.1 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**132**	20.0	1	10/17/23	10/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

S17 - 4'

E310092-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341098
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342003
Diesel Range Organics (C10-C28)	**37.8**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*73.3 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342033
Chloride	**467**	20.0	1	10/17/23	10/18/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

Volatile Organics by EPA 8021B

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 (2341098-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.46*		*8.00*		*93.3*	*70-130*			
LCS (2341098-BS1)									Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	4.60	0.0250	5.00		92.0	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.7	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.59	0.0250	5.00		91.8	70-130			
p,m-Xylene	9.18	0.0500	10.0		91.8	70-130			
Total Xylenes	13.8	0.0250	15.0		91.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			
Matrix Spike (2341098-MS1)				**Source: E310092-03**					Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	4.91	0.0250	5.00	ND	98.3	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	63-131			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			
Matrix Spike Dup (2341098-MSD1)				**Source: E310092-03**					Prepared: 10/13/23 Analyzed: 10/14/23
Benzene	4.70	0.0250	5.00	ND	94.0	54-133	4.51	20	
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133	4.43	20	
Toluene	4.70	0.0250	5.00	ND	94.1	61-130	4.51	20	
o-Xylene	4.66	0.0250	5.00	ND	93.3	63-131	4.03	20	
p,m-Xylene	9.36	0.0500	10.0	ND	93.6	63-131	4.30	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131	4.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.56*		*8.00*		*94.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341098-BLK1)									Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*70-130*			
LCS (2341098-BS2)									Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.6*	*70-130*			
Matrix Spike (2341098-MS2)				**Source: E310092-03**					Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike Dup (2341098-MSD2)				**Source: E310092-03**					Prepared: 10/13/23 Analyzed: 10/14/23
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.5	70-130	3.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342003-BLK1)									Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.2*		*50.0*		*92.4*	*50-200*			
LCS (2342003-BS1)									Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	216	25.0	250		86.3	38-132			
Surrogate: n-Nonane	*38.0*		*50.0*		*76.0*	*50-200*			
Matrix Spike (2342003-MS1)				**Source: E310092-04**					Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	264	25.0	250	43.1	88.5	38-132			
Surrogate: n-Nonane	*35.8*		*50.0*		*71.6*	*50-200*			
Matrix Spike Dup (2342003-MSD1)				**Source: E310092-04**					Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	256	25.0	250	43.1	85.3	38-132	3.11	20	
Surrogate: n-Nonane	*36.1*		*50.0*		*72.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:55:48PM

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 (2342033-BLK1)									Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	ND	20.0							
LCS (2342033-BS1)									Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2342033-MS1)				**Source: E310092-11**					Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	1650	20.0	250	1550	38.1	80-120			M4
Matrix Spike Dup (2342033-MSD1)				**Source: E310092-11**					Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	1650	20.0	250	1550	40.3	80-120	0.332	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:55

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 3 of 8

E310092/01058-0007

Client: Pima Environmental Services	Bill To
Project: Echabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab #	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:41	10/11	S	1	S14-3'	1 2							X		
10:44	"	"	"	S14-4'	2 3							"		
10:45	"	"	"	S14-5'	3 4							"		
10:51	"	"	"	S14-6'	4 5							"		
10:59	"	"	"	S15-1'	5 6							"		
11:00	"	"	"	S15-2'	6 7							"		
11:05	"	"	"	S15-3'	7 8							"		
11:07	"	"	"	S15-4'	8 9							"		
11:11	"	"	"	S15-5'	9							"		
11:15	"	"	"	S15-6'	10 CK							"		

Additional Instructions: BH 2179749

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
Karine Adame	10/12/23	8:15	Michelle Garcia	10-12-23	1515
Michelle Garcia	10.12.23	1800	Andrew Messo	10.12.23	1800
Andrew Messo	10.12.23	2400	Cartha Man	10.13.23	8:15

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 4 of 8

E310092 | 01058-0007

Client: Pima Environmental Services	Bill To		
Project: Achabod 7 Federal Com1	Attention: Devon		
Project Manager: Tom Bynum	Address:		
Address: 5614 N. Lovington Hwy.	City, State, Zip		
City, State, Zip Hobbs, NM, 88240	Phone:		
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 328-3		
Report due by:			

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab # (lab use only)	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:19	10/11	S	1	S16-1'	11							X		
11:20	"	"	"	S16-2'	12							"		
11:21	"	"	"	S16-3'	13							"		
11:25	"	"	"	S16-4'	14							"		
11:29	"	"	"	S16-5'	15							"		
11:31	"	"	"	S16-6'	16							"		
11:33	"	"	"	S17-1'	17							"		
11:39	"	"	"	S17-2'	18							"		
11:41	"	"	"	S17-3'	19							"		
11:45	"	"	"	S17-4'	20							"		

Additional Instructions: BH 21179749

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
Perrima Adame	10/12/23	3:15	Michelle Gaylor	10-12-23	1515
Michelle Gaylor	10-12-23	1800	Jordan Mesa	10.12.23	1800
Jordan Mesa	10.12.23	2400	Cartha Mar	10.13.23	8:15

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

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/13/2023 1:44:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/13/23 08:15	Work Order ID:	E310092
Phone:	(575) 631-6977	Date Logged In:	10/12/23 16:25	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/19/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.
Workorders are as follows:
E310091/E310092/E310093/E310094.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310093
Job Number:	01058-0007
Received:	10/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/23

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

Date Reported: 10/19/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310093
Date Received: 10/13/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S17 - 5'	E310093-01A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S17 - 6'	E310093-02A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 1'	E310093-03A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 2'	E310093-04A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 3'	E310093-05A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 4'	E310093-06A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 5'	E310093-07A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S18 - 6'	E310093-08A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 1'	E310093-09A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 2'	E310093-10A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 3'	E310093-11A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 4'	E310093-12A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 5'	E310093-13A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S19 - 6'	E310093-14A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 1'	E310093-15A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 2'	E310093-16A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 3'	E310093-17A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 4'	E310093-18A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 5'	E310093-19A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
S20 - 6'	E310093-20A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S17 - 5'

E310093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**56.5**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*83.0 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**218**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S17 - 6'

E310093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**51.3**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*84.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**40.6**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 1'

E310093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**28.1**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**4740**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 2'

E310093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**1840**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 3'

E310093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**116**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 4'

E310093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*83.3 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**443**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 5'

E310093-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**83.5**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**183**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S18 - 6'

E310093-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**38.2**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**36.9**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 1'

E310093-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*78.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**1040**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 2'

E310093-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**1290**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 3'

E310093-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**38.9**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 4'

E310093-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*89.5 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**84.8**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 5'

E310093-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**60.6**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**170**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S19 - 6'

E310093-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**49.3**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**39.8**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 1'

E310093-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**2730**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 2'

E310093-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**595**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 3'

E310093-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**588**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 4'

E310093-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**289**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 5'

E310093-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**83.8**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**190**	20.0	1	10/17/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

S20 - 6'

E310093-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Benzene	ND	0.0250	1	10/13/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/17/23	
Toluene	ND	0.0250	1	10/13/23	10/17/23	
o-Xylene	ND	0.0250	1	10/13/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341115
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/13/23*	*10/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342002
Diesel Range Organics (C10-C28)	**41.4**	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*10/16/23*	*10/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342032
Chloride	**37.5**	20.0	1	10/17/23	10/19/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

Volatile Organics by EPA 8021B

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 (2341115-BLK1)									Prepared: 10/13/23 Analyzed: 10/17/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
LCS (2341115-BS1)									Prepared: 10/13/23 Analyzed: 10/17/23
Benzene	4.81	0.0250	5.00		96.1	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.76	0.0250	5.00		95.2	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		95.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			
Matrix Spike (2341115-MS1)				**Source: E310093-02**					Prepared: 10/13/23 Analyzed: 10/17/23
Benzene	4.95	0.0250	5.00	ND	99.1	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	61-133			
Toluene	4.93	0.0250	5.00	ND	98.6	61-130			
o-Xylene	4.90	0.0250	5.00	ND	97.9	63-131			
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
Matrix Spike Dup (2341115-MSD1)				**Source: E310093-02**					Prepared: 10/13/23 Analyzed: 10/17/23
Benzene	4.60	0.0250	5.00	ND	92.1	54-133	7.35	20	
Ethylbenzene	4.54	0.0250	5.00	ND	90.9	61-133	6.92	20	
Toluene	4.59	0.0250	5.00	ND	91.9	61-130	7.04	20	
o-Xylene	4.58	0.0250	5.00	ND	91.5	63-131	6.76	20	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131	6.97	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.2	63-131	6.90	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341115-BLK1)									Prepared: 10/13/23 Analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			
LCS (2341115-BS2)									Prepared: 10/13/23 Analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike (2341115-MS2)				**Source: E310093-02**					Prepared: 10/13/23 Analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2341115-MSD2)				**Source: E310093-02**					Prepared: 10/13/23 Analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.5	70-130	2.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342002-BLK1)									Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.0*		*50.0*		*92.0*	*50-200*			
LCS (2342002-BS1)									Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	236	25.0	250		94.3	38-132			
Surrogate: n-Nonane	*43.6*		*50.0*		*87.2*	*50-200*			
Matrix Spike (2342002-MS1)				**Source: E310093-02**					Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	281	25.0	250	51.3	91.7	38-132			
Surrogate: n-Nonane	*41.8*		*50.0*		*83.7*	*50-200*			
Matrix Spike Dup (2342002-MSD1)				**Source: E310093-02**					Prepared: 10/16/23 Analyzed: 10/17/23
Diesel Range Organics (C10-C28)	282	25.0	250	51.3	92.3	38-132	0.514	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:30:19PM

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 (2342032-BLK1)									Prepared: 10/17/23 Analyzed: 10/18/23
Chloride	ND	20.0							
LCS (2342032-BS1)									Prepared: 10/17/23 Analyzed: 10/19/23
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2342032-MS1)				**Source: E310093-04**					Prepared: 10/17/23 Analyzed: 10/19/23
Chloride	1960	20.0	250	1840	48.4	80-120			M2
Matrix Spike Dup (2342032-MSD1)				**Source: E310093-04**					Prepared: 10/17/23 Analyzed: 10/19/23
Chloride	2150	20.0	250	1840	126	80-120	9.46	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:30

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 5 of 8

E310093 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:51	10/11	S	1	S17-5'	1	X	
11:52	"	"	"	S17-6'	2	"	
11:59	"	"	"	S18-1'	3	"	
12:02	"	"	"	S18-2'	4	"	
12:05	"	"	"	S18-3'	5	"	
12:16	"	"	"	S18-4'	6	"	
12:18	"	"	"	S18-5'	7	"	
12:21	"	"	"	S18-6'	8	"	
12:22	"	"	"	S19-1'	9	"	
12:26	"	"	"	S19-2'	10	"	

Additional Instructions: B# 21179749

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
Karine Adame	10/12/23	3:15	[signature]	10-12-23	1515
Michelle Gaugh	10.12.23	1800	[signature]	10.12.23	1800
[signature]	10.12.23	2400	[signature]	10.13.23	8:15

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

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

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

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

envirotech

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | **Chain of Custody** | Page 6 of 8

E310093 | 01858-0007

Client: Pima Environmental Services	Bill To
Project: Jicarilla 07 Federal COM 1	Attention: Deven
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:30	10/11	S	1	S19-3'	11	
12:31	"	"	"	S19-4'	12	
12:39	"	"	"	S19-5'	13	
12:43	"	"	"	S19-6'	14	
12:49	"	"	"	S20-1'	15	
12:51	"	"	"	S20-2'	16	
12:55	"	"	"	S20-3'	17	
12:59	"	"	"	S20-4'	18	
1:00	"	"	"	S20-5'	19	
1:07	"	"	"	S20-6'	20	

Additional Instructions: BF# 2117974

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
Thrim Adams	10/12/23	3:15	Michelle Gaugh	10-12-23	1515
Michelle Gaugh	10-12-23	1800	Andrew Musso	10.12.23	1800
Andrew Musso	10.12.23	2400	Courtney Moore	10.13.23	8:15

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/13/2023 1:48:02PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/13/23 08:15	Work Order ID:	E310093
Phone:	(575) 631-6977	Date Logged In:	10/12/23 16:27	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/19/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.
Workorders are as follows:
E310091/E310092/E310093/E310094.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310094
Job Number:	01058-0007
Received:	10/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/23

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

Date Reported: 10/19/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310094
Date Received: 10/13/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW11	E310094-01A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW12	E310094-02A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW13	E310094-03A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW14	E310094-04A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW15	E310094-05A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW16	E310094-06A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW17	E310094-07A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW18	E310094-08A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW19	E310094-09A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW20	E310094-10A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.
SW21	E310094-11A	Soil	10/11/23	10/13/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW11

E310094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW12

E310094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW13

E310094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW14

E310094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW15

E310094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW16

E310094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW17

E310094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW18

E310094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW19

E310094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW20

E310094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

SW21

E310094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Benzene	ND	0.0250	1	10/13/23	10/14/23	
Ethylbenzene	ND	0.0250	1	10/13/23	10/14/23	
Toluene	ND	0.0250	1	10/13/23	10/14/23	
o-Xylene	ND	0.0250	1	10/13/23	10/14/23	
p,m-Xylene	ND	0.0500	1	10/13/23	10/14/23	
Total Xylenes	ND	0.0250	1	10/13/23	10/14/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2341104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/23	10/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/13/23*	*10/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2341111
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/19/23	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*10/13/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2342004
Chloride	ND	20.0	1	10/16/23	10/16/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

Volatile Organics by EPA 8021B

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 (2341104-BLK1)									Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
LCS (2341104-BS1)									Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	4.63	0.0250	5.00		92.6	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.60	0.0250	5.00		92.1	70-130			
o-Xylene	4.59	0.0250	5.00		91.8	70-130			
p,m-Xylene	9.28	0.0500	10.0		92.8	70-130			
Total Xylenes	13.9	0.0250	15.0		92.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		*8.00*		*96.6*	*70-130*			
Matrix Spike (2341104-MS1)				**Source: E310088-04**					Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.5	61-133			
Toluene	4.97	0.0250	5.00	ND	99.5	61-130			
o-Xylene	4.95	0.0250	5.00	ND	98.9	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2341104-MSD1)				**Source: E310088-04**					Prepared: 10/13/23 Analyzed: 10/13/23
Benzene	4.69	0.0250	5.00	ND	93.8	54-133	6.39	20	
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133	6.22	20	
Toluene	4.68	0.0250	5.00	ND	93.6	61-130	6.06	20	
o-Xylene	4.67	0.0250	5.00	ND	93.5	63-131	5.66	20	
p,m-Xylene	9.45	0.0500	10.0	ND	94.5	63-131	5.86	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.2	63-131	5.79	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341104-BLK1)									Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
LCS (2341104-BS2)									Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike (2341104-MS2)				**Source: E310088-04**					Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2341104-MSD2)				**Source: E310088-04**					Prepared: 10/13/23 Analyzed: 10/13/23
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.7	70-130	5.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2341111-BLK1)									Prepared: 10/13/23 Analyzed: 10/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*50-200*			
LCS (2341111-BS1)									Prepared: 10/13/23 Analyzed: 10/18/23
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: n-Nonane	*47.8*		*50.0*		*95.7*	*50-200*			
Matrix Spike (2341111-MS1)				**Source: E310090-07**					Prepared: 10/13/23 Analyzed: 10/18/23
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	38-132			
Surrogate: n-Nonane	*49.7*		*50.0*		*99.4*	*50-200*			
Matrix Spike Dup (2341111-MSD1)				**Source: E310090-07**					Prepared: 10/13/23 Analyzed: 10/18/23
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	38-132	7.65	20	
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/2023 12:33:43PM

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 (2342004-BLK1)									Prepared: 10/16/23 Analyzed: 10/16/23
Chloride	ND	20.0							
LCS (2342004-BS1)									Prepared: 10/16/23 Analyzed: 10/16/23
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2342004-MS1)				**Source: E310094-07**					Prepared: 10/16/23 Analyzed: 10/16/23
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2342004-MSD1)				**Source: E310094-07**					Prepared: 10/16/23 Analyzed: 10/16/23
Chloride	249	20.0	250	ND	99.6	80-120	1.11	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/19/23 12:33

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 7 of 8

E310094 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Richard 7 Federal Com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
1:10	10/11	S	1	SW1	1	
1:15				SW2	2	
1:17				SW3	3	
1:23				SW4	4	
1:25				SW5	5	
1:31				SW6	6	
1:33				SW7	7	
1:39				SW8	8	
1:41				SW9	9	
1:45				SW10	10	

Additional Instructions: B#21179749

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
Jurine Adame	10/12/23	3:15	Michelle Cruz	10-12-23	1515
Michelle Cruz	10-12-23	1800	[illegible]	10.12.23	1800
[illegible]	10.12.23	2400	Cartle Mac	10.13.23	8:15

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

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

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

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

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Project Information | **Chain of Custody** | Page 8 of 8

E310094 | 01058.0007

Client: Pima Environmental Services	Bill To
Project: Echabod 7 Federal COM 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
1:51	10/11	S	1	SW11	11	X	

Additional Instructions: B# 21179749

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
Corine Adame	10/12/23	3:15	Michelle Gaylo	10-12-23	1515
Michelle Gaylo	10/12/23	1800	Amber Moss	10.12.23	1800
Amber Moss	10.12.23	2400	Caitlin Mar	10.13.23	8:15

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

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

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

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

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Project Information | Chain of Custody | Page 7 of 8

E310094 | 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:10	10/11	S	1	SW11	1							X		Corrected Sample names to match Containers. Per Client. 10.13.23 CM
1:15				SW12	2									
1:17				SW13	3									
1:23				SW14	4									
1:25				SW15	5									
1:31				SW16	6									
1:33				SW17	7									
1:39				SW18	8									
1:41				SW19	9									
1:45				SW20	10									

Additional Instructions: B#2179749

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
Jasmine Adame	10/12/23	3:15	Michelle Gaylor	10-12-23	1515
Michelle Gaylor	10-12-23	1800	[illegible]	10.12.23	1800
[illegible]	10.12.23	2400	Caitlin Mac	10.13.23	8:15

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

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

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

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

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Project Information | Chain of Custody | Page 8 of 8

E310094 | 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:51	10/11	S	1	SW #21 11							X		

Additional Instructions: B# 21179749

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
Jerime Adams	10/12/23	3:15	Michelle Gaylor	10-12-23	1515
Michelle Gaylor	10/12/23	1800	[illegible]	10.12.23	1800
[illegible]	10.12.23	2400	Cathy Man	10.13.23	8:15

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/13/2023 1:54:26PM

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:	10/13/23 08:15	Work Order ID:	E310094
Phone:	(575) 631-6977	Date Logged In:	10/12/23 16:28	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/19/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 reports due to high sample volume.
Workorders are as follows: E310091/E310092/E310093/E310094.
Sample names on COC did not match sample names on containers. Client asked to correct the COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310129
Job Number:	01058-0007
Received:	10/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/25/23

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

Date Reported: 10/25/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310129
Date Received: 10/19/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 14:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S21 - 1'	E310129-01A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S21 - 2'	E310129-02A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S21 - 3'	E310129-03A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S21 - 4'	E310129-04A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S21 - 5'	E310129-05A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S22 - 1'	E310129-06A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S22 - 2'	E310129-07A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S22 - 3'	E310129-08A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S22 - 4'	E310129-09A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S22 - 5'	E310129-10A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S23 - 1'	E310129-11A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S23 - 2'	E310129-12A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S23 - 3'	E310129-13A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S23 - 4'	E310129-14A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S23 - 5'	E310129-15A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S24 - 1'	E310129-16A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S24 - 2'	E310129-17A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S24 - 3'	E310129-18A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S24 - 4'	E310129-19A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S24 - 5'	E310129-20A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S21 - 1'

E310129-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**76.6**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**51.8**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**8860**	400	20	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S21 - 2'

E310129-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**77.4**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**56.2**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**12000**	400	20	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S21 - 3'

E310129-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**105**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S21 - 4'

E310129-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**221**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S21 - 5'

E310129-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**158**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S22 - 1'

E310129-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**48.0**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**8180**	400	20	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S22 - 2'

E310129-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**7450**	200	10	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S22 - 3'

E310129-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**157**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S22 - 4'

E310129-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**275**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S22 - 5'

E310129-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**224**	20.0	1	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S23 - 1'

E310129-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**312**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**165**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**14100**	400	20	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S23 - 2'

E310129-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*91.5 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**4050**	100	5	10/19/23	10/19/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S23 - 3'

E310129-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**221**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S23 - 4'

E310129-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**225**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S23 - 5'

E310129-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**135**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S24 - 1'

E310129-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**80.7**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**50.1**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**10100**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S24 - 2'

E310129-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	**1060**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**695**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**27400**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S24 - 3'

E310129-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**344**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S24 - 4'

E310129-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**161**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

S24 - 5'

E310129-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342087
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342070
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342079
Chloride	**143**	20.0	1	10/19/23	10/20/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

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 (2342087-BLK1)									Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.572*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
LCS (2342087-BS1)									Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.58	0.0250	2.50		103	70-130			
Ethylbenzene	2.68	0.0250	2.50		107	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.26	0.0500	5.00		105	70-130			
Total Xylenes	7.88	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	*0.580*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.546*		*0.500*		*109*	*70-130*			
Matrix Spike (2342087-MS1)				**Source: E310129-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.52	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.63	0.0250	2.50	ND	105	45-135			
Toluene	2.58	0.0250	2.50	ND	103	48-130			
o-Xylene	2.58	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.16	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	*0.587*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2342087-MSD1)				**Source: E310129-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.54	0.0250	2.50	ND	102	48-131	0.870	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	0.438	27	
Toluene	2.57	0.0250	2.50	ND	103	48-130	0.233	24	
o-Xylene	2.62	0.0250	2.50	ND	105	43-135	1.33	27	
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135	1.20	27	
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135	1.24	27	
Surrogate: Bromofluorobenzene	*0.592*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342087-BLK1)									Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.572*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
LCS (2342087-BS2)									Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.584*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.558*		*0.500*		*112*	*70-130*			
Matrix Spike (2342087-MS2)				**Source: E310129-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2342087-MSD2)				**Source: E310129-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	0.599	20	
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.459*		*0.500*		*91.7*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342070-BLK1)									Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.3*		*50.0*		*103*	*50-200*			
LCS (2342070-BS1)									Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	251	25.0	250		101	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.5*	*50-200*			
Matrix Spike (2342070-MS1)				**Source: E310129-07**					Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	38-132			
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*50-200*			
Matrix Spike Dup (2342070-MSD1)				**Source: E310129-07**					Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	1.74	20	
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 2:04:12PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342079-BLK1)									Prepared: 10/19/23 Analyzed: 10/19/23
Chloride	ND	20.0							
LCS (2342079-BS1)									Prepared: 10/19/23 Analyzed: 10/19/23
Chloride	244	20.0	250		97.8	90-110			
Matrix Spike (2342079-MS1)				**Source: E310129-09**					Prepared: 10/19/23 Analyzed: 10/19/23
Chloride	510	20.0	250	275	94.3	80-120			
Matrix Spike Dup (2342079-MSD1)				**Source: E310129-09**					Prepared: 10/19/23 Analyzed: 10/19/23
Chloride	644	20.0	250	275	148	80-120	23.1	20	M1

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 14:04

M1	Matrix spike recovery was above acceptance 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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 1 of 8

E310129 | 0058.0007

Client: Pima Environmental Services
Project: Ichabod 7 Federal com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:09	10/17	S	1	S24-1'	1							X		
9:11				S24-2'	2									
9:13				S24-3'	3									
9:15				S24-4'	4									
9:31				S24-5'	5									
9:33				S22-1'	6									
9:39				S22-2'	7									
9:43				S22-3'	8									
9:45				S22-4'	9									
9:51				S22-5'	10									

Additional Instructions: B# 21179749

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
Karina Adame	10.18.23	1430	[signature]	10.18.23	1430
[signature]	10.18.23	1745	[signature]	10.18.23	1800
[signature]	10.18.23	2400	[signature]	10.19.23	8:15

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

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

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

envirotech

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 2 of 8

E310129 | 01058.0007

| | | |

Envirotech Analytical Laboratory

Printed: 10/19/2023 12:52:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/19/23 08:15	Work Order ID:	E310129
Phone:	(575) 631-6977	Date Logged In:	10/18/23 16:56	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/25/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 workorders due to high sample volume. Workorders are as follows: E310129/E310130/E310131/E310132.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310130
Job Number:	01058-0007
Received:	10/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/25/23

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

Date Reported: 10/25/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310130
Date Received: 10/19/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 12:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S25 - 1'	E310130-01A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S25 - 2'	E310130-02A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S25 - 3'	E310130-03A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S25 - 4'	E310130-04A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S25 - 5'	E310130-05A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S26 - 1'	E310130-06A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S26 - 2'	E310130-07A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S26 - 3'	E310130-08A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S26 - 4'	E310130-09A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S26 - 5'	E310130-10A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S27 - 1'	E310130-11A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S27 - 2'	E310130-12A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S27 - 3'	E310130-13A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S27 - 4'	E310130-14A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S27 - 5'	E310130-15A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S28 - 1'	E310130-16A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S28 - 2'	E310130-17A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S28 - 3'	E310130-18A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S28 - 4'	E310130-19A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S28 - 5'	E310130-20A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S25 - 1'

E310130-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**191**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	**139**	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**9390**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S25 - 2'

E310130-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*92.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*92.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**176**	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	**127**	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*81.3 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**9810**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S25 - 3'

E310130-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**255**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S25 - 4'

E310130-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*76.8 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**268**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S25 - 5'

E310130-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**147**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S26 - 1'

E310130-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**105**	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	**82.3**	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**7950**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S26 - 2'

E310130-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**98.8**	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	**65.2**	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**2570**	100	5	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S26 - 3'

E310130-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*91.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*91.0 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/19/23	
Surrogate: n-Nonane		*83.5 %*	*50-200*	*10/19/23*	*10/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**99.7**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S26 - 4'

E310130-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*89.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*89.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**260**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S26 - 5'

E310130-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*92.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*92.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**150**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S27 - 1'

E310130-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**58.5**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*86.4 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**9090**	400	20	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S27 - 2'

E310130-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**48.1**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*81.8 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**6450**	200	10	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S27 - 3'

E310130-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**160**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S27 - 4'

E310130-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*122 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*122 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**462**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S27 - 5'

E310130-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**128**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S28 - 1'

E310130-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*85.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*85.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**41.6**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**6530**	200	10	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S28 - 2'

E310130-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*115 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	**66.1**	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**7080**	200	10	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S28 - 3'

E310130-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*86.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**214**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S28 - 4'

E310130-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*86.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*86.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*80.3 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**277**	20.0	1	10/19/23	10/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

S28 - 5'

E310130-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Benzene	ND	0.0250	1	10/19/23	10/20/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/20/23	
Toluene	ND	0.0250	1	10/19/23	10/20/23	
o-Xylene	ND	0.0250	1	10/19/23	10/20/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/20/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342088
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/20/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/19/23*	*10/20/23*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*10/19/23*	*10/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/23	10/20/23	
Surrogate: n-Nonane		*86.1 %*	*50-200*	*10/19/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2342080
Chloride	**133**	20.0	1	10/19/23	10/20/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

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 (2342088-BLK1)									Prepared: 10/19/23 Analyzed: 10/19/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
LCS (2342088-BS1)									Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.6	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.40	0.0250	2.50		96.2	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130			
Total Xylenes	7.09	0.0250	7.50		94.6	70-130			
Surrogate: Bromofluorobenzene	*0.527*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.555*		*0.500*		*111*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike (2342088-MS1)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.90	0.0250	2.50	ND	116	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.03	0.0250	2.50	ND	81.0	48-130			
o-Xylene	2.71	0.0250	2.50	ND	108	43-135			
p,m-Xylene	5.29	0.0500	5.00	ND	106	43-135			
Total Xylenes	7.99	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	*0.541*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.580*		*0.500*		*116*	*70-130*			
Surrogate: Toluene-d8	*0.413*		*0.500*		*82.5*	*70-130*			
Matrix Spike Dup (2342088-MSD1)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Benzene	2.47	0.0250	2.50	ND	98.8	48-131	16.1	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	1.60	27	
Toluene	2.39	0.0250	2.50	ND	95.6	48-130	16.5	24	
o-Xylene	2.19	0.0250	2.50	ND	87.7	43-135	21.0	27	
p,m-Xylene	4.24	0.0500	5.00	ND	84.8	43-135	22.0	27	
Total Xylenes	6.43	0.0250	7.50	ND	85.8	43-135	21.7	27	
Surrogate: Bromofluorobenzene	*0.419*		*0.500*		*83.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.471*		*0.500*		*94.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342088-BLK1)									Prepared: 10/19/23 Analyzed: 10/19/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
LCS (2342088-BS2)									Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.7	70-130			
Surrogate: Bromofluorobenzene	*0.537*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.582*		*0.500*		*116*	*70-130*			
Matrix Spike (2342088-MS2)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.588*		*0.500*		*118*	*70-130*			
Matrix Spike Dup (2342088-MSD2)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130	3.27	20	
Surrogate: Bromofluorobenzene	*0.448*		*0.500*		*89.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.401*		*0.500*		*80.1*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342084-BLK1)									Prepared: 10/19/23 Analyzed: 10/19/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.7*		*50.0*		*85.3*	*50-200*			
LCS (2342084-BS1)									Prepared: 10/19/23 Analyzed: 10/19/23
Diesel Range Organics (C10-C28)	229	25.0	250		91.5	38-132			
Surrogate: n-Nonane	*43.7*		*50.0*		*87.5*	*50-200*			
Matrix Spike (2342084-MS1)				**Source: E310130-01**					Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	456	25.0	250	191	106	38-132			
Surrogate: n-Nonane	*43.0*		*50.0*		*86.0*	*50-200*			
Matrix Spike Dup (2342084-MSD1)				**Source: E310130-01**					Prepared: 10/19/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	483	25.0	250	191	117	38-132	5.70	20	
Surrogate: n-Nonane	*42.0*		*50.0*		*84.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 12:25:14PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342080-BLK1)									Prepared: 10/19/23 Analyzed: 10/20/23
Chloride	ND	20.0							
LCS (2342080-BS1)									Prepared: 10/19/23 Analyzed: 10/20/23
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2342080-MS1)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Chloride	10900	400	250	9810	454	80-120			M4
Matrix Spike Dup (2342080-MSD1)				**Source: E310130-02**					Prepared: 10/19/23 Analyzed: 10/20/23
Chloride	10800	400	250	9810	384	80-120	1.63	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 12:25

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 3 of 8

E310130 | 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal com 1	Attention: DeYon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:39	10/17	S	1	S25 - 1'	1							X		
10:41				S25 - 2'	2									
10:42				S25 - 3'	3									
10:45				S25 - 4'	4									
10:51				S25 - 5'	5									
10:55				S26 - 1'	6									
10:59				S26 - 2'	7									
11:00				S26 - 3'	8									
11:10				S26 - 4'	9									
11:13				S26 - 5'	10									

Additional Instructions: BH 21179749

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
Larime Aragon	10.18.23	1430		10.18.23	1430
	10/18/23	1745	Andrew Morales	10.18.23	1800
Andrew Morales	10.18.23	2400	Caitlin Mars	10.19.23	8:15

Lab Use Only — Received on ice: Y / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

envirotech

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 4 of 8

E3l0l30 | 01058.0007

Client: Pima Environmental Services	Bill To	
Project: Ichabod 7 Federal Com 1	Attention: Devon	
Project Manager: Tom Bynum	Address:	
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 328-3	
Report due by:		

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:16	10/17	S	1	S27 - 1'	11							X		
11:17	"	"	"	S27 - 2'	12							"		
11:19	"	"	"	S27 - 3'	13							"		
11:23	"	"	"	S27 - 4'	14							"		
11:29	"	"	"	S27 - 5'	15							"		
11:31	"	"	"	S28 - 1'	16							"		
11:33	"	"	"	S28 - 2'	17							"		
11:35	"	"	"	S28 - 3'	18							"		
11:39	"	"	"	S28 - 4'	19							"		
11:41	"	"	"	S28 - 5'	20							"		

Additional Instructions: BH 21179749

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
Karine Adams	10.18.23	1430		10.18.23	1430
	10.18.23	1745	Andrew McBee	10.18.23	1800
Andrew McBee	10.18.23	2400	Cade Mac	10.19.23	8:15

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/19/2023 12:59:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/19/23 08:15	Work Order ID:	E310130
Phone:	(575) 631-6977	Date Logged In:	10/18/23 16:58	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/25/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 workorders due to high sample volume. Workorders are as follows: E310129/E310130/E310131/E310132.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310131
Job Number:	01058-0007
Received:	10/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/25/23

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

Date Reported: 10/25/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310131
Date Received: 10/19/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 18:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S29 - 1'	E310131-01A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S29 - 2'	E310131-02A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S29 - 3'	E310131-03A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S29 - 4'	E310131-04A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S29 - 5'	E310131-05A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S30 - 1'	E310131-06A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S30 - 2'	E310131-07A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S30 - 3'	E310131-08A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S30 - 4'	E310131-09A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S30 - 5'	E310131-10A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S31 - 1'	E310131-11A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S31 - 2'	E310131-12A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S31 - 3'	E310131-13A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S31 - 4'	E310131-14A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S31 - 5'	E310131-15A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S32 - 1'	E310131-16A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S32 - 2'	E310131-17A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S32 - 3'	E310131-18A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S32 - 4'	E310131-19A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S32 - 5'	E310131-20A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S29 - 1'

E310131-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/24/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/24/23	
Toluene	ND	0.0250	1	10/19/23	10/24/23	
o-Xylene	ND	0.0250	1	10/19/23	10/24/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/24/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/24/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/24/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**269**	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	**174**	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*83.0 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**13000**	400	20	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S29 - 2'

E310131-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/24/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/24/23	
Toluene	ND	0.0250	1	10/19/23	10/24/23	
o-Xylene	ND	0.0250	1	10/19/23	10/24/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/24/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/24/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/24/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**1250**	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	**655**	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**14200**	1000	50	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S29 - 3'

E310131-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/24/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/24/23	
Toluene	ND	0.0250	1	10/19/23	10/24/23	
o-Xylene	ND	0.0250	1	10/19/23	10/24/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/24/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/24/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/24/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**125**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S29 - 4'

E310131-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/24/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/24/23	
Toluene	ND	0.0250	1	10/19/23	10/24/23	
o-Xylene	ND	0.0250	1	10/19/23	10/24/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/24/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/24/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/24/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*79.7 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**147**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S29 - 5'

E310131-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/24/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/24/23	
Toluene	ND	0.0250	1	10/19/23	10/24/23	
o-Xylene	ND	0.0250	1	10/19/23	10/24/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/24/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/24/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/24/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/19/23*	*10/24/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**134**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S30 - 1'

E310131-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**70.3**	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	**57.3**	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*86.5 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**11300**	400	20	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S30 - 2'

E310131-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**128**	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	**75.7**	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**8500**	400	20	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S30 - 3'

E310131-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**527**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S30 - 4'

E310131-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**452**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S30 - 5'

E310131-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**137**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S31 - 1'

E310131-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**77.7**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S31 - 2'

E310131-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**8590**	200	10	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S31 - 3'

E310131-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**137**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S31 - 4'

E310131-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**158**	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	**106**	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*83.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**39500**	1000	50	10/19/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S31 - 5'

E310131-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**149**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S32 - 1'

E310131-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**163**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S32 - 2'

E310131-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	**230**	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	**175**	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*86.1 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**532**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S32 - 3'

E310131-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*90.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**69.7**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S32 - 4'

E310131-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**383**	20.0	1	10/19/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

S32 - 5'

E310131-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342091
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2342085
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342081
Chloride	**142**	20.0	1	10/19/23	10/24/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

Volatile Organics by EPA 8021B

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 (2342091-BLK1)									Prepared: 10/19/23 Analyzed: 10/24/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.6*	*70-130*			
LCS (2342091-BS1)									Prepared: 10/19/23 Analyzed: 10/24/23
Benzene	4.74	0.0250	5.00		94.8	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.3	70-130			
Toluene	4.74	0.0250	5.00		94.8	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	*7.46*		*8.00*		*93.3*	*70-130*			
Matrix Spike (2342091-MS1)				**Source: E310131-02**					Prepared: 10/19/23 Analyzed: 10/24/23
Benzene	5.13	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	61-133			
Toluene	5.14	0.0250	5.00	ND	103	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.93*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2342091-MSD1)				**Source: E310131-02**					Prepared: 10/19/23 Analyzed: 10/24/23
Benzene	5.17	0.0250	5.00	ND	103	54-133	0.732	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	61-133	0.421	20	
Toluene	5.17	0.0250	5.00	ND	103	61-130	0.640	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63-131	0.716	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	0.398	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	0.504	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342091-BLK1)									Prepared: 10/19/23 Analyzed: 10/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.13*		*8.00*		*89.1*	*70-130*			
LCS (2342091-BS2)									Prepared: 10/19/23 Analyzed: 10/24/23
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike (2342091-MS2)				**Source: E310131-02**					Prepared: 10/19/23 Analyzed: 10/24/23
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			
Matrix Spike Dup (2342091-MSD2)				**Source: E310131-02**					Prepared: 10/19/23 Analyzed: 10/24/23
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	3.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342085-BLK1)									Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.9*		*50.0*		*93.7*	*50-200*			
LCS (2342085-BS1)									Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.1	38-132			
Surrogate: n-Nonane	*43.5*		*50.0*		*87.0*	*50-200*			
Matrix Spike (2342085-MS1)				**Source: E310131-10**					Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.2	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.5*	*50-200*			
Matrix Spike Dup (2342085-MSD1)				**Source: E310131-10**					Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.0	38-132	1.99	20	
Surrogate: n-Nonane	*43.0*		*50.0*		*86.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/2023 6:08:32PM

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 (2342081-BLK1)									Prepared: 10/19/23 Analyzed: 10/24/23
Chloride	ND	20.0							
LCS (2342081-BS1)									Prepared: 10/19/23 Analyzed: 10/24/23
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2342081-MS1)				**Source: E310131-04**					Prepared: 10/19/23 Analyzed: 10/24/23
Chloride	401	20.0	250	147	102	80-120			
Matrix Spike Dup (2342081-MSD1)				**Source: E310131-04**					Prepared: 10/19/23 Analyzed: 10/24/23
Chloride	394	20.0	250	147	99.0	80-120	1.76	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/25/23 18:08

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 5 of 8

E30131 / 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM 1	Attention: Deyon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard: X
EPA Program: CWA | SDWA | RCRA
State: NM: X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab # (lab use only)	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:45	10/17	S	1	S29-1'	1							X		
11:51				S29-2'	2									
11:55				S29-3'	3									
12:01				S29-4'	4									
12:10				S29-5'	5									
12:15				S30-1'	6									
12:17				S30-2'	7									
12:19				S30-3'	8									
12:21				S30-4'	9									
12:29				S30-5'	10									

Additional Instructions: B# 21179749

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
Marine Adame	10.18.23	1430	[illegible]	10.18.23	1430
[illegible]	10.18.23	1745	Andrew Mason	10.18.23	1800
Andrew Mason	10.18.23	2400	Caitlin Mason	10.19.23	8:15

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 6 of 8

E31031 | 01058-0007

Client: Pima Environmental Services
Project: Ichabod 7 Federal com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:30	10/17	S	1	S31- 1'	11							X		
12:31				S31- 2'	12									
12:33				S31- 3'	13									
12:35				S31- 4'	14									
12:39				S31- 5'	15									
12:43				S32- 1'	16									
12:45				S32- 2'	17									
12:51				S32- 3'	18									
12:55				S32- 4'	19									
12:59				S32- 5'	20									

Additional Instructions: B# 21179749

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10.18.23	1430	[signature]	10.18.23	1430
[signature]	10.18.23	1745	[signature]	10.18.23	1800
[signature]	10.18.23	2400	[signature]	10.19.23	815

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2023 1:03:36PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/19/23 08:15	Work Order ID:	E310131
Phone:	(575) 631-6977	Date Logged In:	10/18/23 17:03	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/25/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 workorders due to high sample volume. Workorders are as follows: E310129/E310130/E310131/E310132.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310132
Job Number:	01058-0007
Received:	10/19/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/26/23

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

Date Reported: 10/26/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310132
Date Received: 10/19/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2023 8:15:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Alexa Michaels
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Office: 505-632-1881
labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 14:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S33 - 1'	E310132-01A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S33 - 2'	E310132-02A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S33 - 3'	E310132-03A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S33 - 4'	E310132-04A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
S33 - 5'	E310132-05A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW-22	E310132-06A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 23	E310132-07A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 24	E310132-08A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 25	E310132-09A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 26	E310132-10A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 27	E310132-11A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 28	E310132-12A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 29	E310132-13A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 30	E310132-14A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.
SW 31	E310132-15A	Soil	10/17/23	10/19/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

S33 - 1'

E310132-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	**488**	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

S33 - 2'

E310132-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	**2200**	40.0	2	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

S33 - 3'

E310132-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	**3250**	40.0	2	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

S33 - 4'

E310132-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*92.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	**576**	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

S33 - 5'

E310132-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	**141**	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW-22

E310132-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 23

E310132-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 24

E310132-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 25

E310132-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 26

E310132-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 27

E310132-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 28

E310132-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 29

E310132-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 30

E310132-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

SW 31

E310132-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Benzene	ND	0.0250	1	10/19/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/19/23	10/25/23	
Toluene	ND	0.0250	1	10/19/23	10/25/23	
o-Xylene	ND	0.0250	1	10/19/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/19/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/19/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*10/19/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342107
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342102
Chloride	ND	20.0	1	10/20/23	10/24/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

Volatile Organics by EPA 8021B

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 (2342092-BLK1)									Prepared: 10/19/23 Analyzed: 10/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			
LCS (2342092-BS1)									Prepared: 10/19/23 Analyzed: 10/25/23
Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.93	0.0250	5.00		98.7	70-130			
p,m-Xylene	9.92	0.0500	10.0		99.2	70-130			
Total Xylenes	14.9	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.75*		*8.00*		*96.9*	*70-130*			
Matrix Spike (2342092-MS1)				**Source: E310132-14**					Prepared: 10/19/23 Analyzed: 10/25/23
Benzene	4.95	0.0250	5.00	ND	99.0	54-133			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	4.89	0.0250	5.00	ND	97.7	63-131			
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.2*	*70-130*			
Matrix Spike Dup (2342092-MSD1)				**Source: E310132-14**					Prepared: 10/19/23 Analyzed: 10/25/23
Benzene	5.11	0.0250	5.00	ND	102	54-133	3.12	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	3.29	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	3.20	20	
o-Xylene	5.05	0.0250	5.00	ND	101	63-131	3.23	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	3.09	20	
Total Xylenes	15.2	0.0250	15.0	ND	102	63-131	3.14	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342092-BLK1)									Prepared: 10/19/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.2*	*70-130*			
LCS (2342092-BS2)									Prepared: 10/19/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			
Matrix Spike (2342092-MS2)				**Source: E310132-14**					Prepared: 10/19/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
Matrix Spike Dup (2342092-MSD2)				**Source: E310132-14**					Prepared: 10/19/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	3.81	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342107-BLK1)									Prepared: 10/20/23 Analyzed: 10/21/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*50-200*			
LCS (2342107-BS1)									Prepared: 10/20/23 Analyzed: 10/21/23
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*47.0*		*50.0*		*93.9*	*50-200*			
Matrix Spike (2342107-MS1)				**Source: E310132-07**					Prepared: 10/20/23 Analyzed: 10/21/23
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*50-200*			
Matrix Spike Dup (2342107-MSD1)				**Source: E310132-07**					Prepared: 10/20/23 Analyzed: 10/21/23
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132	7.78	20	
Surrogate: n-Nonane	*53.8*		*50.0*		*108*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 2:12:53PM

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 (2342102-BLK1)									Prepared: 10/20/23 Analyzed: 10/24/23
Chloride	ND	20.0							
LCS (2342102-BS1)									Prepared: 10/20/23 Analyzed: 10/24/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2342102-MS1)				**Source: E310132-06**					Prepared: 10/20/23 Analyzed: 10/24/23
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2342102-MSD1)				**Source: E310132-06**					Prepared: 10/20/23 Analyzed: 10/24/23
Chloride	250	20.0	250	ND	99.9	80-120	1.70	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 14:12

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 7 of 8

E310132 | 01058:0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (✓)

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:10	10/17	S	1	S33-1'	1							X		
1:15				S33-2'	2									
1:17				S33-3'	3									
1:19				S33-4'	4									
1:21				S33-5'	5									
1:25				SW-22	6									
1:29				SW 23	7									
1:31				SW 24	8									
1:33				SW 25	9									
1:35				SW 26	10									

Additional Instructions: B# 21179749

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10.18.23	1430		10.18.23	1430
	10.18.23	1645		10.18.23	1800
	10.18.23	2400		10.19.23	8:15

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 8 of 8

E310132 | 01058-0007

Client: Pima Environmental Services	Bill To	TAT	EPA Program
Project: Ichabod 7 Federal Com 1	Attention: Devon	1D 2D 3D Standard: X	CWA SDWA
Project Manager: Tom Bynum	Address:		RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip		
City, State, Zip Hobbs, NM, 88240	Phone:		State: NM X
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 328-3		
Report due by:			

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
1:40	10/17	S	1	SW 27	11	
1:45				SW 28	12	
1:55				SW 29	13	
2:00				SW 30	14	
2:07				SW 31	15	

Additional Instructions: BH21/79749

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
Enrique Adame	10.18.23	1430		10.18.23	1430
	10.18.23	1745	Andrew Mesa	10.18.23	1800
Andrew Mesa	10.18.23	2400		10.19.23	8:15

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/19/2023 1:09:35PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/19/23 08:15	Work Order ID:	E310132
Phone:	(575) 631-6977	Date Logged In:	10/18/23 17:05	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/25/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 4 workorders due to high sample volume. Workorders are as follows: E310129/E310130/E310131/E310132.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310189
Job Number:	01058-0007
Received:	10/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/26/23

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

Date Reported: 10/26/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310189
Date Received: 10/20/2023 8:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2023 8:10:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 19:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S34 - 1'	E310189-01A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S34 - 2'	E310189-02A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S34 - 3'	E310189-03A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S34 - 4'	E310189-04A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S35 - 1'	E310189-05A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S35 - 2'	E310189-06A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S35 - 3'	E310189-07A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S35 - 4'	E310189-08A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S36 - 1'	E310189-09A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S36 - 2'	E310189-10A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S36 - 3'	E310189-11A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S36 - 4'	E310189-12A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S37 - 1'	E310189-13A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S37 - 2'	E310189-14A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S37 - 3'	E310189-15A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S37 - 4'	E310189-16A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S38 - 1'	E310189-17A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S38 - 2'	E310189-18A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S38 - 3'	E310189-19A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S38 - 4'	E310189-20A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S34 - 1'

E310189-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3120**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S34 - 2'

E310189-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3290**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S34 - 3'

E310189-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**766**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S34 - 4'

E310189-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**599**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S35 - 1'

E310189-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3200**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S35 - 2'

E310189-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3580**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S35 - 3'

E310189-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**708**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S35 - 4'

E310189-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/20/23	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*10/20/23*	*10/20/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**531**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S36 - 1'

E310189-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**1200**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S36 - 2'

E310189-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**1580**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S36 - 3'

E310189-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**623**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S36 - 4'

E310189-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**673**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S37 - 1'

E310189-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*94.4 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**2290**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S37 - 2'

E310189-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*92.2 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3330**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S37 - 3'

E310189-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**582**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S37 - 4'

E310189-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**606**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S38 - 1'

E310189-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	**44.9**	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3850**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S38 - 2'

E310189-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**3480**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S38 - 3'

E310189-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**660**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

S38 - 4'

E310189-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342096
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2342116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/20/23	10/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/20/23	10/21/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*10/20/23*	*10/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342103
Chloride	**710**	20.0	1	10/20/23	10/26/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

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 (2342096-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*94.0*	*70-130*			
LCS (2342096-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.42	0.0250	2.50		96.8	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.6	70-130			
Toluene	2.36	0.0250	2.50		94.2	70-130			
o-Xylene	2.41	0.0250	2.50		96.2	70-130			
p,m-Xylene	4.72	0.0500	5.00		94.4	70-130			
Total Xylenes	7.12	0.0250	7.50		95.0	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.1*	*70-130*			
Surrogate: Toluene-d8	*0.478*		*0.500*		*95.6*	*70-130*			
Matrix Spike (2342096-MS1)				**Source: E310189-07**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.47	0.0250	2.50	ND	98.6	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	99.8	45-135			
Toluene	2.38	0.0250	2.50	ND	95.1	48-130			
o-Xylene	2.41	0.0250	2.50	ND	96.3	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135			
Total Xylenes	7.12	0.0250	7.50	ND	95.0	43-135			
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.6*	*70-130*			
Matrix Spike Dup (2342096-MSD1)				**Source: E310189-07**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.50	0.0250	2.50	ND	100	48-131	1.51	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	2.32	27	
Toluene	2.44	0.0250	2.50	ND	97.8	48-130	2.76	24	
o-Xylene	2.55	0.0250	2.50	ND	102	43-135	5.95	27	
p,m-Xylene	4.99	0.0500	5.00	ND	99.8	43-135	5.65	27	
Total Xylenes	7.54	0.0250	7.50	ND	101	43-135	5.75	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.482*		*0.500*		*96.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342096-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*94.0*	*70-130*			
LCS (2342096-BS2)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.8*	*70-130*			
Matrix Spike (2342096-MS2)				**Source: E310189-07**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130			
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.2*	*70-130*			
Matrix Spike Dup (2342096-MSD2)				**Source: E310189-07**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130	0.356	20	
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342116-BLK1)									Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
LCS (2342116-BS1)									Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.9*	*50-200*			
Matrix Spike (2342116-MS1)				**Source: E310189-01**					Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	*45.7*		*50.0*		*91.5*	*50-200*			
Matrix Spike Dup (2342116-MSD1)				**Source: E310189-01**					Prepared: 10/20/23 Analyzed: 10/20/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	0.434	20	
Surrogate: n-Nonane	*45.9*		*50.0*		*91.7*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:32:24PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342103-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	ND	20.0							
LCS (2342103-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2342103-MS1)				**Source: E310189-04**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	817	20.0	250	599	87.3	80-120			
Matrix Spike Dup (2342103-MSD1)				**Source: E310189-04**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	808	20.0	250	599	83.6	80-120	1.12	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 19:32

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 1 of 6

E310189 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		BGDOC NM	Remarks
9:07	10/18	S	1	S34-1'	1	X	
9:18				S34-2'	2		
9:22				S34-3'	3		
9:25				S34-4'	4		
9:26				S35-1'	5		
9:31				S35-2'	6		
9:33				S35-3'	7		
9:39				S35-4'	8		
9:41				S36-1'	9		
9:45				S36-2'	10		

Additional Instructions: B# 21179749

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
Karime Adame	10.19.23	1530	Cord Mc Kay	10.19.23	1530
Karime Adame	10.19.23	1830	Andrew Nesso	10.19.23	1830
Andrew Nesso	10.19.23	2400	Caitlin Man	10.20.23	8:10

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

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

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

envirotech

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

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E310189 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Remarks
9:51	10/18	S	1	S36 - 3'	11	
9:55	"	"	"	S36 - 4'	12	
9:59	"	"	"	S37 - 1'	13	
10:06	"	"	"	S37 - 2'	14	
10:11	"	"	"	S37 - 3'	15	
10:17	"	"	"	S37 - 4'	16	
10:25	"	"	"	S38 - 1'	17	
10:31	"	"	"	S38 - 2'	18	
10:33	"	"	"	S38 - 3'	19	
10:36	"	"	"	S38 - 4'	20	

Additional Instructions:

B# 21179749

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
Karina Adame	10.19.23	1530	[illegible]	10.19.23	1530
[illegible]	10.19.23	1830	[illegible]	10.19.23	1830
[illegible]	10.19.23	2400	[illegible]	10.20.23	8:10

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/20/2023 11:14:15AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/20/23 08:10	Work Order ID:	E310189
Phone:	(575) 631-6977	Date Logged In:	10/19/23 17:20	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/26/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 3 reports due to sample volume. Workorders are as follows: E310189/E310190/E310191.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310190
Job Number:	01058-0007
Received:	10/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/26/23

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

Date Reported: 10/26/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310190
Date Received: 10/20/2023 8:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2023 8:10:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 19:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S39 - 1'	E310190-01A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S39 - 2'	E310190-02A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S39 - 3'	E310190-03A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S39 - 4'	E310190-04A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S40 - 1'	E310190-05A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S40 - 2'	E310190-06A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S40 - 3'	E310190-07A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S40 - 4'	E310190-08A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S41 - 1'	E310190-09A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S41 - 2'	E310190-10A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S41 - 3'	E310190-11A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S41 - 4'	E310190-12A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S42 - 1'	E310190-13A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S42 - 2'	E310190-14A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S42 - 3'	E310190-15A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S42 - 4'	E310190-16A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S43 - 1'	E310190-17A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S43 - 2'	E310190-18A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S43 - 3'	E310190-19A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S43 - 4'	E310190-20A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S39 - 1'

E310190-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	**47.8**	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3300**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S39 - 2'

E310190-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**2080**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S39 - 3'

E310190-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**608**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S39 - 4'

E310190-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*88.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**591**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S40 - 1'

E310190-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3000**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S40 - 2'

E310190-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3870**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S40 - 3'

E310190-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**502**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S40 - 4'

E310190-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**576**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S41 - 1'

E310190-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**2950**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S41 - 2'

E310190-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3910**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S41 - 3'

E310190-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**477**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S41 - 4'

E310190-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*93.2 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**629**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S42 - 1'

E310190-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**2390**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S42 - 2'

E310190-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**2440**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S42 - 3'

E310190-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3300**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S42 - 4'

E310190-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	**50.1**	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**552**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S43 - 1'

E310190-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3260**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S43 - 2'

E310190-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**3570**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S43 - 3'

E310190-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**543**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

S43 - 4'

E310190-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342114
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343011
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342104
Chloride	**555**	20.0	1	10/20/23	10/26/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

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 (2342114-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
LCS (2342114-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.61	0.0250	2.50		104	70-130			
Ethylbenzene	2.67	0.0250	2.50		107	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.16	0.0500	5.00		103	70-130			
Total Xylenes	7.74	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.579*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
Matrix Spike (2342114-MS1)				**Source: E310190-01**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.67	0.0250	2.50	ND	107	48-131			
Ethylbenzene	2.69	0.0250	2.50	ND	107	45-135			
Toluene	2.65	0.0250	2.50	ND	106	48-130			
o-Xylene	2.62	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.88	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2342114-MSD1)				**Source: E310190-01**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	2.64	0.0250	2.50	ND	105	48-131	1.36	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	0.0931	27	
Toluene	2.64	0.0250	2.50	ND	105	48-130	0.587	24	
o-Xylene	2.73	0.0250	2.50	ND	109	43-135	4.13	27	
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135	4.45	27	
Total Xylenes	8.23	0.0250	7.50	ND	110	43-135	4.34	27	
Surrogate: Bromofluorobenzene	*0.620*		*0.500*		*124*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342114-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
LCS (2342114-BS2)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130			
Surrogate: Bromofluorobenzene	*0.575*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.561*		*0.500*		*112*	*70-130*			
Matrix Spike (2342114-MS2)				**Source: E310190-01**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	60.6	20.0	50.0	ND	121	70-130			
Surrogate: Bromofluorobenzene	*0.608*		*0.500*		*122*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.564*		*0.500*		*113*	*70-130*			
Matrix Spike Dup (2342114-MSD2)				**Source: E310190-01**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130	0.926	20	
Surrogate: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.8*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343011-BLK1)									Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
LCS (2343011-BS1)									Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*50-200*			
Matrix Spike (2343011-MS1)				**Source: E310190-08**					Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2343011-MSD1)				**Source: E310190-08**					Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	6.02	20	
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 7:35:15PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342104-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	ND	20.0							
LCS (2342104-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2342104-MS1)				**Source: E310190-10**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	4050	40.0	250	3910	55.1	80-120			M4
Matrix Spike Dup (2342104-MSD1)				**Source: E310190-10**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	4790	40.0	250	3910	349	80-120	16.7	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 19:35

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

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E310190 | 01058-0007

Client: Pima Environmental Services
Project: Ichabod 7 Federal Com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Pervon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:40	10/18	S	1	S39-1'	1							X		
10:41				S39-2'	2									
10:45				S39-3'	3									
10:51				S39-4'	4									
10:59				S40-1'	5									
10:00				S40-2'	6									
11:10				S40-3'	7									
11:17				S40-4	8									
11:21				S41-1'	9									
11:26				S41-2'	10									

Additional Instructions:

BH 21179749

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
Kenton Adams	10.19.23	1530		10.19.23	1530
	10.19.23	1830		10.19.23	1830
	10.19.23	2400		10.20.23	8:10

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 4 of 6

E310190 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Remarks
11:33	10/18	S	1	S41 - 3'	11	
11:35				S41 - 4'	12	
11:39				S42 - 1'	13	
11:41				S42 - 2'	14	
11:45				S42 - 3'	15	
11:49				S42 - 4'	16	
11:55				S43 - 1'	17	
11:59				S43 - 2'	18	
12:02				S43 - 3'	19	
12:11				S43 - 4'	20	

Additional Instructions: BH21179749

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
Karine Adame	10.19.23	1530		10.19.23	1530
	10.19.23	1830		10.19.23	1830
	10.19.23	2400		10.20.23	8:10

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/20/2023 11:20:05AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/20/23 08:10	Work Order ID:	E310190
Phone:	(575) 631-6977	Date Logged In:	10/19/23 17:22	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/26/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 3 reports due to sample volume. Workorders are as follows: E310189/E310190/E310191.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310191
Job Number:	01058-0007
Received:	10/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/26/23

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

Date Reported: 10/26/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310191
Date Received: 10/20/2023 8:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2023 8:10:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 13:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S44 - 1'	E310191-01A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S44 - 2'	E310191-02A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S44 - 3'	E310191-03A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S44 - 4'	E310191-04A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S45 - 1'	E310191-05A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S45 - 2'	E310191-06A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S45 - 3'	E310191-07A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
S45 - 4'	E310191-08A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW32	E310191-09A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW33	E310191-10A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW34	E310191-11A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW35	E310191-12A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW36	E310191-13A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW37	E310191-14A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW38	E310191-15A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW39	E310191-16A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW40	E310191-17A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW41	E310191-18A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.
SW42	E310191-19A	Soil	10/18/23	10/20/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S44 - 1'

E310191-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**3210**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S44 - 2'

E310191-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**2490**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S44 - 3'

E310191-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**485**	20.0	1	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S44 - 4'

E310191-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**607**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S45 - 1'

E310191-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**3480**	40.0	2	10/20/23	10/25/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S45 - 2'

E310191-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**2250**	40.0	2	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S45 - 3'

E310191-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**593**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

S45 - 4'

E310191-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**660**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW32

E310191-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0500	2	10/20/23	10/25/23	
Ethylbenzene	ND	0.0500	2	10/20/23	10/25/23	
Toluene	ND	0.0500	2	10/20/23	10/25/23	
o-Xylene	ND	0.0500	2	10/20/23	10/25/23	
p,m-Xylene	ND	0.100	2	10/20/23	10/25/23	
Total Xylenes	ND	0.0500	2	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW33

E310191-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW34

E310191-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW35

E310191-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	**370**	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW36

E310191-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW37

E310191-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/24/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/23/23*	*10/24/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW38

E310191-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/25/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/23/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW39

E310191-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/25/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/23/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW40

E310191-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0500	2	10/20/23	10/25/23	
Ethylbenzene	ND	0.0500	2	10/20/23	10/25/23	
Toluene	ND	0.0500	2	10/20/23	10/25/23	
o-Xylene	ND	0.0500	2	10/20/23	10/25/23	
p,m-Xylene	ND	0.100	2	10/20/23	10/25/23	
Total Xylenes	ND	0.0500	2	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/25/23	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*10/23/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW41

E310191-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/25/23	
Surrogate: n-Nonane		*99.9 %*	*50-200*	*10/23/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

SW42

E310191-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Benzene	ND	0.0250	1	10/20/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/20/23	10/25/23	
Toluene	ND	0.0250	1	10/20/23	10/25/23	
o-Xylene	ND	0.0250	1	10/20/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/20/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/20/23	10/25/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2342117
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/23	10/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/20/23*	*10/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/25/23	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/23/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2342105
Chloride	ND	20.0	1	10/20/23	10/26/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

Volatile Organics by EPA 8021B

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 (2342117-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
LCS (2342117-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	4.47	0.0250	5.00		89.4	70-130			
Ethylbenzene	4.29	0.0250	5.00		85.8	70-130			
Toluene	4.46	0.0250	5.00		89.2	70-130			
o-Xylene	4.40	0.0250	5.00		87.9	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.3	0.0250	15.0		88.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
Matrix Spike (2342117-MS1)				**Source: E310191-03**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	4.60	0.0250	5.00	ND	92.0	54-133			
Ethylbenzene	4.40	0.0250	5.00	ND	88.1	61-133			
Toluene	4.58	0.0250	5.00	ND	91.7	61-130			
o-Xylene	4.51	0.0250	5.00	ND	90.2	63-131			
p,m-Xylene	9.10	0.0500	10.0	ND	91.0	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			
Matrix Spike Dup (2342117-MSD1)				**Source: E310191-03**					Prepared: 10/20/23 Analyzed: 10/25/23
Benzene	4.96	0.0250	5.00	ND	99.3	54-133	7.65	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.1	61-133	7.69	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	7.72	20	
o-Xylene	4.89	0.0250	5.00	ND	97.7	63-131	7.97	20	
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131	7.60	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131	7.73	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342117-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
LCS (2342117-BS2)									Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.3*	*70-130*			
Matrix Spike (2342117-MS2)				**Source: E310191-03**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.3*	*70-130*			
Matrix Spike Dup (2342117-MSD2)				**Source: E310191-03**					Prepared: 10/20/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130	12.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343010-BLK1)									Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			
LCS (2343010-BS1)									Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.9*	*50-200*			
Matrix Spike (2343010-MS1)				**Source: E310191-05**					Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2343010-MSD1)				**Source: E310191-05**					Prepared: 10/23/23 Analyzed: 10/24/23
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132	3.30	20	
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/2023 1:55:08PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2342105-BLK1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	ND	20.0							
LCS (2342105-BS1)									Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2342105-MS1)				**Source: E310191-05**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	3810	40.0	250	3480	133	80-120			M4
Matrix Spike Dup (2342105-MSD1)				**Source: E310191-05**					Prepared: 10/20/23 Analyzed: 10/25/23
Chloride	3580	40.0	250	3480	37.8	80-120	6.45	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/26/23 13:55

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 5 of 6

E310191 / 01058-0007

Client: Pima Environmental Services
Project: Ichabod 7 Federal COM 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: DeYon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	No.	BGDOC NM	Remarks
12:17	10/19	S	1	SW4-1'	1	X	
12:18				SW4-2'	2		
12:20				SW4-3'	3		
12:25				SW4-4'	4		
12:31				SW5-1'	5		
12:39				SW5-2'	6		
12:41				SW5-3'	7		
12:45				SW5-4'	8		
12:49				SW32	9		

Additional Instructions: BH 21197449

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
Jennifer Hayes	10.19.23	1530		10.19.23	1530
	10.19.23	1830		10.19.23	1830
Andrew Mesa	10.19.23	2400		10.20.23	8:10

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

E310191 / 01058-0007

Client: Pima Environmental Services
Project: Thaabod 7 Federal COM1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
12:51	10/18	S	1	SW 33	10									X				
12:55	"	"	"	SW 34	11									"				
12:59	"	"	"	SW 35	12									"				
1:00	"	"	"	SW 36	13									"				
1:11	"	"	"	SW 37	14									"				
1:17	"	"	"	SW 38	15									"				
1:29	"	"	"	SW 39	16									"				
1:31	"	"	"	SW 40	17									"				
1:37	"	"	"	SW 41	18									"				
1:40	"	"	"	SW 42	19									"				

Additional Instructions: Billing # 21179749

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
Kerri M Adame	10.19.23	1530		10.19.23	1530
	10.19.23	1830	Andrew Musso	10.19.23	1830
Andrew Musso	10.19.23	2400	Cuth Man	10.20.23	8:10

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/20/2023 11:24:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/20/23 08:10	Work Order ID:	E310191
Phone:	(575) 631-6977	Date Logged In:	10/19/23 17:25	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/26/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been separated into 3 reports due to sample volume. Workorders are as follows: E310189/E310190/E310191.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310233
Job Number:	01058-0007
Received:	10/24/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310233
Date Received: 10/24/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2023 8:20:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 13:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S46 - 1'	E310233-01A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S46 - 2'	E310233-02A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S46 - 3'	E310233-03A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S46 - 4'	E310233-04A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S46 - 5'	E310233-05A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S46 - 6'	E310233-06A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 1'	E310233-07A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 2'	E310233-08A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 3'	E310233-09A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 4'	E310233-10A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 5'	E310233-11A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S47 - 6'	E310233-12A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 1'	E310233-13A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 2'	E310233-14A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 3'	E310233-15A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 4'	E310233-16A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 5'	E310233-17A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S48 - 6'	E310233-18A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S49 - 1'	E310233-19A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S49 - 2'	E310233-20A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 1'

E310233-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3580**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 2'

E310233-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3520**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 3'

E310233-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**4010**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 4'

E310233-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3250**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 5'

E310233-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**729**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S46 - 6'

E310233-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**1840**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 1'

E310233-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*75.2 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**2960**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 2'

E310233-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*80.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3280**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 3'

E310233-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**2640**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 4'

E310233-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**2740**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 5'

E310233-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**643**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S47 - 6'

E310233-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**2320**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 1'

E310233-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**4000**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 2'

E310233-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	**26.2**	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343074
Chloride	**7110**	200	10	10/25/23	10/30/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 3'

E310233-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**23200**	100	5	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 4'

E310233-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3720**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 5'

E310233-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**1240**	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S48 - 6'

E310233-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**1110**	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S49 - 1'

E310233-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**3890**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

S49 - 2'

E310233-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343055
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.5 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2343074
Chloride	**4860**	100	5	10/25/23	10/27/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

Volatile Organics by EPA 8021B

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 (2343045-BLK1)									Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2343045-BS1)									Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	4.94	0.0250	5.00		98.8	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.3	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.7	0.0250	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.3*	*70-130*			
Matrix Spike (2343045-MS1)				**Source: E310233-02**					Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	5.45	0.0250	5.00	ND	109	54-133			
Ethylbenzene	5.22	0.0250	5.00	ND	104	61-133			
Toluene	5.44	0.0250	5.00	ND	109	61-130			
o-Xylene	5.38	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131			
Total Xylenes	16.1	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike Dup (2343045-MSD1)				**Source: E310233-02**					Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	5.56	0.0250	5.00	ND	111	54-133	1.98	20	
Ethylbenzene	5.32	0.0250	5.00	ND	106	61-133	1.89	20	
Toluene	5.55	0.0250	5.00	ND	111	61-130	1.97	20	
o-Xylene	5.48	0.0250	5.00	ND	110	63-131	1.84	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.92	20	
Total Xylenes	16.5	0.0250	15.0	ND	110	63-131	1.89	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343045-BLK1)									Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
LCS (2343045-BS2)									Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike (2343045-MS2)				**Source: E310233-02**					Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike Dup (2343045-MSD2)				**Source: E310233-02**					Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.3	70-130	2.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343055-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
LCS (2343055-BS1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	225	25.0	250		89.8	38-132			
Surrogate: n-Nonane	*44.2*		*50.0*		*88.5*	*50-200*			
Matrix Spike (2343055-MS1)				**Source: E310233-07**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.6	38-132			
Surrogate: n-Nonane	*39.5*		*50.0*		*79.0*	*50-200*			
Matrix Spike Dup (2343055-MSD1)				**Source: E310233-07**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	38-132	2.56	20	
Surrogate: n-Nonane	*38.4*		*50.0*		*76.8*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:26:50PM

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 (2343074-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	ND	20.0							
LCS (2343074-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2343074-MS1)				**Source: E310233-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	3920	40.0	250	3580	136	80-120			M4
Matrix Spike Dup (2343074-MSD1)				**Source: E310233-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	3950	40.0	250	3580	149	80-120	0.832	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 13:26

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 1 of 11

E310233 | 01058-0007

Client: Pima Environmental Services
Project: Ichabod 7 Federal Com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM (Analysis and Method)	BGDOC TX (Analysis and Method)	Remarks
8:00	10/20	S	1	S46-1'	1							X		
8:05	"	"	"	S46-2'	2							"		
8:10	"	"	"	S46-3'	3							"		
8:12	"	"	"	S46-4'	4							"		
8:15	"	"	"	S46-5'	5							"		
8:22	"	"	"	S46-6'	6							"		
8:30	"	"	"	S47-1'	7							"		
8:36	"	"	"	S47-2'	8							"		
8:40	"	"	"	S47-3'	9							"		
8:43	"	"	"	S47-4'	10							"		

Additional Instructions: B# 21179749

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
Karime Adame	10/23/23	3:45	Michelle Cruz	10-23-23	1545
Michelle Cruz	10/23/23	1830	Andrew Nesso	10.23.23	1830
Andrew Nesso	10.23.23	2400	Caitlin Man	10.24.23	8:20

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 2 of 11

E310233 | 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:46	10/20	S	1	547-5'	11	X	
8:50				547-6'	12		
8:55				548-1'	13		
8:58				548-2'	14		
9:03				548-3'	15		
9:05				548-4'	16		
9:08				548-5'	17		
9:11				548-6'	18		
9:14				549-1'	19		
9:17				549-2'	20		

Additional Instructions: BH 2117949

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
Karime Adame	10/23/23	3:45	Michelle Gaytan	10-23-23	1545
Michelle Gaytan	10-23-23	1830	Andrew Morris	10-23-23	1830
Andrew Morris	10-23-23	2400	Caitlin Mar	10-24-23	8:20

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/24/2023 12:45:04PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/24/23 08:20	Work Order ID:	E310233
Phone:	(575) 631-6977	Date Logged In:	10/23/23 16:37	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/30/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal 1 Com 1 has been separated into 5 reports due to high sample volume. Wokrorders are as follows: E310233/E310234/E310235/E310236/E310237.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310234
Job Number:	01058-0007
Received:	10/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/30/23

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

Date Reported: 10/30/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310234
Date Received: 10/24/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2023 8:20:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/23 17:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S49 - 3'	E310234-01A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S49 - 4'	E310234-02A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S49 - 5'	E310234-03A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S49 - 6'	E310234-04A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 1'	E310234-05A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 2'	E310234-06A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 3'	E310234-07A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 4'	E310234-08A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 5'	E310234-09A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S50 - 6'	E310234-10A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 1'	E310234-11A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 2'	E310234-12A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 3'	E310234-13A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 4'	E310234-14A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 5'	E310234-15A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S51 - 6'	E310234-16A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S52 - 1'	E310234-17A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S52 - 2'	E310234-18A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S52 - 3'	E310234-19A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S52 - 4'	E310234-20A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S49 - 3'

E310234-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4800**	100	5	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S49 - 4'

E310234-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4160**	100	5	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S49 - 5'

E310234-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**730**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S49 - 6'

E310234-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**1480**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 1'

E310234-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	**29.2**	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**3790**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 2'

E310234-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4300**	100	5	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 3'

E310234-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4120**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 4'

E310234-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4040**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 5'

E310234-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**463**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S50 - 6'

E310234-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**1940**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 1'

E310234-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**3720**	40.0	2	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 2'

E310234-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	**70.9**	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**8400**	400	20	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 3'

E310234-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/26/23	
Toluene	ND	0.0250	1	10/24/23	10/26/23	
o-Xylene	ND	0.0250	1	10/24/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/26/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/24/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4360**	100	5	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 4'

E310234-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**4570**	100	5	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 5'

E310234-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**987**	20.0	1	10/25/23	10/26/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S51 - 6'

E310234-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**2110**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S52 - 1'

E310234-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.2 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**3420**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S52 - 2'

E310234-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	**213**	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	**170**	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*76.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**29700**	2000	100	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S52 - 3'

E310234-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**3870**	200	10	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

S52 - 4'

E310234-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Benzene	ND	0.0250	1	10/24/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/24/23	10/27/23	
Toluene	ND	0.0250	1	10/24/23	10/27/23	
o-Xylene	ND	0.0250	1	10/24/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/24/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/24/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/24/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343056
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343075
Chloride	**3860**	40.0	2	10/25/23	10/27/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

Volatile Organics by EPA 8021B

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 (2343046-BLK1)									Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.8*	*70-130*			
LCS (2343046-BS1)									Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	4.71	0.0250	5.00		94.1	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.71	0.0250	5.00		94.1	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.2*	*70-130*			
Matrix Spike (2343046-MS1)				**Source: E310234-08**					Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	5.01	0.0250	5.00	ND	100	61-130			
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.1*	*70-130*			
Matrix Spike Dup (2343046-MSD1)				**Source: E310234-08**					Prepared: 10/24/23 Analyzed: 10/26/23
Benzene	4.87	0.0250	5.00	ND	97.3	54-133	3.20	20	
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	61-133	3.11	20	
Toluene	4.86	0.0250	5.00	ND	97.1	61-130	3.12	20	
o-Xylene	4.79	0.0250	5.00	ND	95.7	63-131	3.12	20	
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131	3.20	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.2	63-131	3.17	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343046-BLK1)									Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
LCS (2343046-BS2)									Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike (2343046-MS2)				**Source: E310234-08**					Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	ND	81.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		*8.00*		*91.7*	*70-130*			
Matrix Spike Dup (2343046-MSD2)				**Source: E310234-08**					Prepared: 10/24/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	ND	81.2	70-130	0.0832	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343056-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
LCS (2343056-BS1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	248	25.0	250		99.2	38-132			
Surrogate: n-Nonane	*45.5*		*50.0*		*91.0*	*50-200*			
Matrix Spike (2343056-MS1)				**Source: E310234-01**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	38-132			
Surrogate: n-Nonane	*45.0*		*50.0*		*89.9*	*50-200*			
Matrix Spike Dup (2343056-MSD1)				**Source: E310234-01**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132	0.0770	20	
Surrogate: n-Nonane	*44.3*		*50.0*		*88.6*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/2023 5:02:26PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343075-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	ND	20.0							
LCS (2343075-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	270	20.0	250		108	90-110			
Matrix Spike (2343075-MS1)				**Source: E310234-09**					Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	737	20.0	250	463	110	80-120			
Matrix Spike Dup (2343075-MSD1)				**Source: E310234-09**					Prepared: 10/25/23 Analyzed: 10/26/23
Chloride	789	20.0	250	463	131	80-120	6.85	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/30/23 17:02

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 3 of 11

E310234 / 01058-0007

| | | |

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | **Chain of Custody** | Page 4 of 11

E310234 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	#	Remarks
10:01	10/20	S	1	SS1-1'	11	
10:04				SS1-2'	12	
10:07				SS1-3'	13	
10:09				SS1-4'	14	
10:12				SS1-5'	15	
10:15				SS1-6'	16	
10:19				SS2-1'	17	
10:23				SS2-2'	18	
10:28				SS2-3'	19	
10:30				SS2-4'	20	

Additional Instructions: B#21179749

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
Larime Adame	10/23/23	3:45	Michelle Gaylor	10.23.23	1545
Michelle Gaylor	10.23.23	1830	Andrew Nesso	10.23.23	1830
Andrew Nesso	10.23.23	2400	Cath Mar	10.24.23	8:20

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

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

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/24/2023 12:47:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/24/23 08:20	Work Order ID:	E310234
Phone:	(575) 631-6977	Date Logged In:	10/23/23 16:39	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/30/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal 1 Com 1 has been separated into 5 reports due to high sample volume. Wokrorders are as follows: E310233/E310234/E310235/E310236/E310237.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310235
Job Number:	01058-0007
Received:	10/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310235
Date Received: 10/24/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2023 8:20:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 08:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S52 - 5'	E310235-01A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S52 - 6'	E310235-02A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 1'	E310235-03A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 2'	E310235-04A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 3'	E310235-05A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 4'	E310235-06A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 5'	E310235-07A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S53 - 6'	E310235-08A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 1'	E310235-09A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 2'	E310235-10A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 3'	E310235-11A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 4'	E310235-12A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 5'	E310235-13A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S54 - 6'	E310235-14A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 1'	E310235-15A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 2'	E310235-16A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 3'	E310235-17A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 4'	E310235-18A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 5'	E310235-19A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S55 - 6'	E310235-20A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S52 - 5'

E310235-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*77.2 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**758**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S52 - 6'

E310235-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*78.9 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1330**	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 1'

E310235-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*77.5 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**232**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 2'

E310235-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*92.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*92.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**4090**	100	5	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 3'

E310235-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*78.5 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**4260**	200	10	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 4'

E310235-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*76.5 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3050**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 5'

E310235-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/25/23	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*10/25/23*	*10/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1310**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S53 - 6'

E310235-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*77.3 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1470**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 1'

E310235-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*73.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3390**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 2'

E310235-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3320**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 3'

E310235-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*76.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**2930**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 4'

E310235-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**2520**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 5'

E310235-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*78.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1320**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S54 - 6'

E310235-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*79.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1070**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 1'

E310235-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3410**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 2'

E310235-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*77.7 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3880**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 3'

E310235-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*80.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**5160**	200	10	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 4'

E310235-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*78.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**3420**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 5'

E310235-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*76.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**2020**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

S55 - 6'

E310235-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*81.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343076
Chloride	**1160**	20.0	1	10/25/23	10/28/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

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 (2343057-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.543*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.410*		*0.500*		*82.0*	*70-130*			
LCS (2343057-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.40	0.0250	2.50		96.0	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.85	0.0250	2.50		114	70-130			
o-Xylene	2.43	0.0250	2.50		97.3	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.4	70-130			
Total Xylenes	6.80	0.0250	7.50		90.7	70-130			
Surrogate: Bromofluorobenzene	*0.538*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.440*		*0.500*		*88.0*	*70-130*			
Surrogate: Toluene-d8	*0.592*		*0.500*		*118*	*70-130*			
Matrix Spike (2343057-MS1)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.59	0.0250	2.50	ND	104	48-131			
Ethylbenzene	2.46	0.0250	2.50	ND	98.5	45-135			
Toluene	2.35	0.0250	2.50	ND	93.9	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.4	43-135			
p,m-Xylene	4.57	0.0500	5.00	ND	91.4	43-135			
Total Xylenes	6.91	0.0250	7.50	ND	92.1	43-135			
Surrogate: Bromofluorobenzene	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.463*		*0.500*		*92.6*	*70-130*			
Matrix Spike Dup (2343057-MSD1)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.55	0.0250	2.50	ND	102	48-131	1.34	23	
Ethylbenzene	2.42	0.0250	2.50	ND	96.8	45-135	1.80	27	
Toluene	2.29	0.0250	2.50	ND	91.7	48-130	2.37	24	
o-Xylene	2.61	0.0250	2.50	ND	104	43-135	11.2	27	
p,m-Xylene	5.14	0.0500	5.00	ND	103	43-135	11.6	27	
Total Xylenes	7.75	0.0250	7.50	ND	103	43-135	11.5	27	
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.461*		*0.500*		*92.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343057-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.543*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.410*		*0.500*		*82.0*	*70-130*			
LCS (2343057-BS2)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.3	70-130			
Surrogate: Bromofluorobenzene	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.410*		*0.500*		*82.0*	*70-130*			
Matrix Spike (2343057-MS2)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.6	70-130			
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.481*		*0.500*		*96.2*	*70-130*			
Matrix Spike Dup (2343057-MSD2)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.7	70-130	1.00	20	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.485*		*0.500*		*97.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343063-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.8*		*50.0*		*85.5*	*50-200*			
LCS (2343063-BS1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	228	25.0	250		91.0	38-132			
Surrogate: n-Nonane	*40.0*		*50.0*		*80.0*	*50-200*			
Matrix Spike (2343063-MS1)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.3	38-132			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.1*	*50-200*			
Matrix Spike Dup (2343063-MSD1)				**Source: E310235-07**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.2	38-132	1.98	20	
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 8:41:55AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343076-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	ND	20.0							
LCS (2343076-BS1)									Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2343076-MS1)				**Source: E310235-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	1900	20.0	250	1330	227	80-120			M4
Matrix Spike Dup (2343076-MSD1)				**Source: E310235-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	1830	20.0	250	1330	197	80-120	3.98	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 08:41

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 5 of 11

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| | | |

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 10 of 11

E310235 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab #	Remarks
11:01	10/20	S	1	S54-3'	11	
11:08	"	"	"	S54-4'	12	
11:12	"	"	"	S54-5'	13	
11:15	"	"	"	S54-6'	14	
11:18	"	"	"	S55-1'	15	
11:21	"	"	"	S55-2'	16	
11:24	"	"	"	S55-3'	17	
11:28	"	"	"	S55-4'	18	
11:32	"	"	"	S55-5'	19	
11:38	"	"	"	S55-6'	20	

Additional Instructions: BF21179749

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
Karine Adams	10/23/23	3:45	Michelle Cruz	10.23.23	1545
Michelle Cruz	10.23.23	1830	Andrew Musso	10.23.23	1830
Andrew Musso	10.23.23	2400	Caitlin Man	10.24.23	8:20

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

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

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/24/2023 12:50:57PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/24/23 08:20	Work Order ID:	E310235
Phone:	(575) 631-6977	Date Logged In:	10/23/23 16:40	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/30/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal 1 Com 1 has been separated into 5 reports due to high sample volume. Wokrorders are as follows: E310233/E310234/E310235/E310236/E310237.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310236
Job Number:	01058-0007
Received:	10/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310236
Date Received: 10/24/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2023 8:20:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 10:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S56 - 1'	E310236-01A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S56 - 2'	E310236-02A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S56 - 3'	E310236-03A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S56 - 4'	E310236-04A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S56 - 5'	E310236-05A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S56 - 6'	E310236-06A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 1'	E310236-07A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 2'	E310236-08A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 3'	E310236-09A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 4'	E310236-10A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 5'	E310236-11A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S57 - 6'	E310236-12A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 1'	E310236-13A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 2'	E310236-14A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 3'	E310236-15A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 4'	E310236-16A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 5'	E310236-17A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S58 - 6'	E310236-18A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S59 - 1'	E310236-19A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S59 - 2'	E310236-20A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 1'

E310236-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3780**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 2'

E310236-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.5 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3950**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 3'

E310236-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**4940**	100	5	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 4'

E310236-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**4130**	100	5	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 5'

E310236-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**1570**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S56 - 6'

E310236-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**620**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 1'

E310236-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3120**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 2'

E310236-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3780**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 3'

E310236-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3480**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 4'

E310236-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**3430**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 5'

E310236-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**1820**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S57 - 6'

E310236-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**1070**	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 1'

E310236-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**8710**	200	10	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 2'

E310236-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**4040**	100	5	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 3'

E310236-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*91.5 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**2660**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 4'

E310236-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**1950**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 5'

E310236-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**2020**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S58 - 6'

E310236-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**1830**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S59 - 1'

E310236-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**4110**	100	5	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

S59 - 2'

E310236-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343065
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2343062
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/27/23	
Surrogate: n-Nonane		*92.0 %*	*50-200*	*10/25/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343077
Chloride	**4530**	100	5	10/25/23	10/28/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

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 (2343065-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.571*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
LCS (2343065-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.75	0.0250	2.50		110	70-130			
Ethylbenzene	2.71	0.0250	2.50		108	70-130			
Toluene	2.71	0.0250	2.50		108	70-130			
o-Xylene	2.68	0.0250	2.50		107	70-130			
p,m-Xylene	5.38	0.0500	5.00		108	70-130			
Total Xylenes	8.06	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2343065-MS1)				**Source: E310236-02**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.75	0.0250	2.50	ND	110	48-131			
Ethylbenzene	2.69	0.0250	2.50	ND	108	45-135			
Toluene	2.68	0.0250	2.50	ND	107	48-130			
o-Xylene	2.65	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.35	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.550*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2343065-MSD1)				**Source: E310236-02**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.75	0.0250	2.50	ND	110	48-131	0.0909	23	
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135	0.610	27	
Toluene	2.70	0.0250	2.50	ND	108	48-130	0.669	24	
o-Xylene	2.71	0.0250	2.50	ND	108	43-135	2.16	27	
p,m-Xylene	5.47	0.0500	5.00	ND	109	43-135	2.30	27	
Total Xylenes	8.18	0.0250	7.50	ND	109	43-135	2.26	27	
Surrogate: Bromofluorobenzene	*0.602*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: Toluene-d8	*0.550*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343065-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.571*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
LCS (2343065-BS2)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	60.5	20.0	50.0		121	70-130			
Surrogate: Bromofluorobenzene	*0.598*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
Matrix Spike (2343065-MS2)				**Source: E310236-02**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2343065-MSD2)				**Source: E310236-02**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	1.43	20	
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343062-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			
LCS (2343062-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	251	25.0	250		101	38-132			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.3*	*50-200*			
Matrix Spike (2343062-MS1)				**Source: E310236-08**					Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2343062-MSD1)				**Source: E310236-08**					Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	0.700	20	
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:55:32AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343077-BLK1)									Prepared: 10/25/23 Analyzed: 10/28/23
Chloride	ND	20.0							
LCS (2343077-BS1)									Prepared: 10/25/23 Analyzed: 10/28/23
Chloride	270	20.0	250		108	90-110			
Matrix Spike (2343077-MS1)				**Source: E310236-05**					Prepared: 10/25/23 Analyzed: 10/28/23
Chloride	1880	40.0	250	1570	126	80-120			M4
Matrix Spike Dup (2343077-MSD1)				**Source: E310236-05**					Prepared: 10/25/23 Analyzed: 10/28/23
Chloride	2220	40.0	250	1570	261	80-120	16.4	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 10:55

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 7 of 11

E310236 / 01058-0007

Client: Pima Environmental Services	Bill To
Project: Echohof 7 Federal com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:20	10/20	S	1	S56-1'	1	X	
12:25	"	"	"	S56-2'	2	"	
12:28	"	"	"	S56-3'	3	"	
12:30	"	"	"	S56-4'	4	"	
12:31	"	"	"	S56-5'	5	"	
12:33	"	"	"	S56-6'	6	"	
12:45	"	"	"	S57-1'	7	"	
12:48	"	"	"	S57-2'	8	"	
12:53	"	"	"	S57-3'	9	"	
12:58	"	"	"	S57-4'	10	"	

Additional Instructions: BH# 21179749

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
Karine Adame	10/23/23	13:45	Michelle Gaye	10-23-23	1545
Michelle Gaye	10-23-23	1830	Andrew Morgan	10.23.23	1830
Andrew Morgan	10.23.23	2400	Caleb Mar	10.24.23	8:20

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

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

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

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

envirotech

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 8 of 11

E310230 | 01058: 0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
11:40	10/20	S	1	S57-5'	11	
11:45				S57-6'	12	
11:50				S58-1'	13	
11:52				S58-2'	14	
11:59				S58-3'	15	
12:05				S58-4'	16	
12:07				S58-5'	17	
12:10				S58-6'	18	
12:12				S59-1'	19	
12:18				S59-2'	20	

Additional Instructions: B # 211 79 749

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
Corine Adame	10/23/23	3:45	Michelle Gaugh	10.2323	1545
Michelle Gaugh	10.2323	1830	Andrew Morse	10.23.23	1830
Andrew Morse	10.23.23	1830	Cuth Mar	10.24.23	8:10

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/24/2023 12:51:46PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/24/23 08:20	Work Order ID:	E310236
Phone:	(575) 631-6977	Date Logged In:	10/23/23 16:42	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/30/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal 1 Com 1 has been separated into 5 reports due to high sample volume. Wokrorders are as follows: E310233/E310234/E310235/E310236/E310237.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310237
Job Number:	01058-0007
Received:	10/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310237
Date Received: 10/24/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2023 8:20:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 10:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S59 - 3'	E310237-01A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S59 - 4'	E310237-02A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S59 - 5'	E310237-03A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S59 - 6'	E310237-04A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 1'	E310237-05A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 2'	E310237-06A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 3'	E310237-07A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 4'	E310237-08A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 5'	E310237-09A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S60 - 6'	E310237-10A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 1'	E310237-11A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 2'	E310237-12A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 3'	E310237-13A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 4'	E310237-14A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 5'	E310237-15A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
S61 - 6'	E310237-16A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW1	E310237-17A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW2	E310237-18A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW3	E310237-19A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW4	E310237-20A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW5	E310237-21A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW6	E310237-22A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW7	E310237-23A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW8	E310237-24A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW9	E310237-25A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW10	E310237-26A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW11	E310237-27A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.
SW12	E310237-28A	Soil	10/20/23	10/24/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S59 - 3'

E310237-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3770**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S59 - 4'

E310237-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**1640**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S59 - 5'

E310237-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**317**	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S59 - 6'

E310237-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**1090**	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 1'

E310237-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3880**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 2'

E310237-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3810**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 3'

E310237-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3270**	40.0	2	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 4'

E310237-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**6970**	100	5	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 5'

E310237-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**2300**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S60 - 6'

E310237-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/26/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/26/23	
Toluene	ND	0.0250	1	10/25/23	10/26/23	
o-Xylene	ND	0.0250	1	10/25/23	10/26/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/26/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/26/23	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/23*	*10/26/23*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/25/23*	*10/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**1580**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 1'

E310237-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3510**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 2'

E310237-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3390**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 3'

E310237-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3180**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 4'

E310237-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**3450**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 5'

E310237-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**1470**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

S61 - 6'

E310237-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	**1540**	40.0	2	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW1

E310237-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW2

E310237-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW3

E310237-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW4

E310237-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/25/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343061
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343078
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW5

E310237-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW6

E310237-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW7

E310237-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW8

E310237-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW9

E310237-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW10

E310237-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW11

E310237-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

SW12

E310237-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343058
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/23	10/26/23	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*10/25/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343079
Chloride	ND	20.0	1	10/25/23	10/28/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

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 (2343070-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			
LCS (2343070-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.52	0.0250	2.50		101	70-130			
Ethylbenzene	2.57	0.0250	2.50		103	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.49	0.0250	2.50		99.5	70-130			
p,m-Xylene	5.05	0.0500	5.00		101	70-130			
Total Xylenes	7.54	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			
Matrix Spike (2343070-MS1)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.47	0.0250	2.50	ND	98.9	48-131			
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
o-Xylene	2.50	0.0250	2.50	ND	100	43-135			
p,m-Xylene	5.04	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.54	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.1*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2343070-MSD1)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Benzene	2.53	0.0250	2.50	ND	101	48-131	2.38	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	2.51	27	
Toluene	2.66	0.0250	2.50	ND	106	48-130	2.78	24	
o-Xylene	2.47	0.0250	2.50	ND	98.7	43-135	1.39	27	
p,m-Xylene	5.03	0.0500	5.00	ND	101	43-135	0.228	27	
Total Xylenes	7.50	0.0250	7.50	ND	99.9	43-135	0.612	27	
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Volatile Organics by EPA 8021B

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 (2343058-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.3*	*70-130*			
LCS (2343058-BS1)									Prepared: 10/25/23 Analyzed: 10/25/23
Benzene	4.78	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.5	70-130			
Toluene	4.77	0.0250	5.00		95.4	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.45	0.0500	10.0		94.5	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
Matrix Spike (2343058-MS1)				**Source: E310257-02**					Prepared: 10/25/23 Analyzed: 10/25/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.75	0.0250	5.00	ND	95.0	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike Dup (2343058-MSD1)				**Source: E310257-02**					Prepared: 10/25/23 Analyzed: 10/25/23
Benzene	5.02	0.0250	5.00	ND	100	54-133	5.38	20	
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	61-133	5.63	20	
Toluene	5.02	0.0250	5.00	ND	100	61-130	5.56	20	
o-Xylene	4.96	0.0250	5.00	ND	99.3	63-131	5.28	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131	5.48	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131	5.41	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		*8.00*		*97.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343058-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			
LCS (2343058-BS2)									Prepared: 10/25/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2343058-MS2)				**Source: E310257-02**					Prepared: 10/25/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*70-130*			
Matrix Spike Dup (2343058-MSD2)				**Source: E310257-02**					Prepared: 10/25/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	91.9	70-130	3.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343070-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			
LCS (2343070-BS2)									Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.559*		*0.500*		*112*	*70-130*			
Matrix Spike (2343070-MS2)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2343070-MSD2)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/26/23
Gasoline Range Organics (C6-C10)	57.7	20.0	50.0	ND	115	70-130	0.377	20	
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.557*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343054-BLK1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.5*		*50.0*		*82.9*	*50-200*			
LCS (2343054-BS1)									Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	229	25.0	250		91.5	38-132			
Surrogate: n-Nonane	*43.3*		*50.0*		*86.5*	*50-200*			
Matrix Spike (2343054-MS1)				**Source: E310229-01**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.4	38-132			
Surrogate: n-Nonane	*42.1*		*50.0*		*84.1*	*50-200*			
Matrix Spike Dup (2343054-MSD1)				**Source: E310229-01**					Prepared: 10/25/23 Analyzed: 10/25/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	2.22	20	
Surrogate: n-Nonane	*39.5*		*50.0*		*79.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343061-BLK1)									Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.6*		*50.0*		*97.2*	*50-200*			
LCS (2343061-BS1)									Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.7*	*50-200*			
Matrix Spike (2343061-MS1)				**Source: E310237-06**					Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2343061-MSD1)				**Source: E310237-06**					Prepared: 10/25/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	0.990	20	
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343078-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	ND	20.0							
LCS (2343078-BS1)									Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	243	20.0	250		97.3	90-110			
Matrix Spike (2343078-MS1)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	4130	40.0	250	3770	147	80-120			M4
Matrix Spike Dup (2343078-MSD1)				**Source: E310237-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Chloride	4270	40.0	250	3770	202	80-120	3.27	20	M4

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 10:51:26AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343079-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	ND	20.0							
LCS (2343079-BS1)									Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2343079-MS1)				**Source: E310229-01**					Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	248	20.0	250	ND	99.1	80-120			
Matrix Spike Dup (2343079-MSD1)				**Source: E310229-01**					Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	253	20.0	250	ND	101	80-120	2.12	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 10:51

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 9 of 11

E310237 / 01058·0007

Client: Pima Environmental Services	Bill To
Project: Ichabod Federal Com 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA — State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:05	10/20	S	1	S59-3'	1							X		
1:08				S59-4'	2									
1:10				S59-5'	3									
1:13				S59-6'	4									
1:15				S60-1'	5									
1:17				S60-2'	6									
1:18				S60-3'	7									
1:21				S60-4'	8									
1:25				S60-5'	9									
1:28				S60-6'	10									

Additional Instructions: B# 21179749

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
Karine Adams	10/23/23	3:45	Michelle Cruz	10.23.23	1545
Michelle Cruz	10.23.23	1830	Nicholas Russo	10.23.23	1830
Nicholas Russo	10.23.23	2400	Courtney Mc	10.24.23	8:20

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

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

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

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

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Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 10 of 11

E310237 / 01058.0007

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab #	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:30	10/20	S	1	S60-1'	11							X		
1:32				S61-2'	12									
1:35				S61-3'	13									
1:38				S61-4'	14									
1:40				S61-5'	15									
1:42				S61-6'	16									
1:48				SW1	17									
1:50				SW2	18									
1:53				SW3	19									
1:55				SW4	20									

Additional Instructions: BH#2179749

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
Karime Adame	10/23/23	3:45	Michelle Cruz	10.23.23	1545
Michelle Cruz	10-23-23	1830	Andrew Mesa	10.23.23	2830
Andrew Mesa	10.23.23	2400	Courtney Mar	10.24.23	8:20

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

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

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

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

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Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 11 of 11

E310237 | 01058.0007

Client: Pima Environmental Services
Project: Tchabod 7 Federal COM1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

TAT: 1D | 2D | 3D | Standard (X)
EPA Program: CWA | SDWA | RCRA
State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
2:00	10/20	S	1	SW5	21							X		
2:05				SW6	22									
2:15				SW7	23									
2:20				SW8	24									
2:25				SW9	25									
2:28				SW10	26									
2:30				SW11	27									
2:32				SW12	28									

Analysis and Method

Additional Instructions: Bf# 21179749

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
Karine Adams	10/23/23	3:45	Michelle Gonzales	10-23-23	1545
Michelle Gonzales	10-23-23	1830	[illegible]	10.23.23	1830
[illegible]	10.23.23	2400	Cecilia Mena	10.24.23	8:20

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/24/2023 12:53:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/24/23 08:20	Work Order ID:	E310237
Phone:	(575) 631-6977	Date Logged In:	10/23/23 16:43	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/30/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal 1 Com 1 has been separated into 5 reports due to high sample volume. Wokrorders are as follows: E310233/E310234/E310235/E310236/E310237.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310258
Job Number:	01058-0007
Received:	10/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310258
Date Received: 10/25/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2023 8:30:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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mgonzales@envirotech-inc.com

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Released to Imaging: 4/24/2024 11:12:09 AM

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 13:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E310258-01A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S1 - 2'	E310258-02A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S1 - 3'	E310258-03A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S1 - 4'	E310258-04A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S1 - 5'	E310258-05A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S2 - 1'	E310258-06A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S2 - 2'	E310258-07A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S2 - 3'	E310258-08A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S2 - 4'	E310258-09A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S2 - 5'	E310258-10A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S3 - 1'	E310258-11A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S3 - 2'	E310258-12A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S3 - 3'	E310258-13A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S3 - 4'	E310258-14A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S3 - 5'	E310258-15A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S4 - 1'	E310258-16A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S4 - 2'	E310258-17A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S4 - 3'	E310258-18A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S4 - 4'	E310258-19A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S4 - 5'	E310258-20A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S1 - 1'

E310258-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**4300**	100	5	10/27/23	10/30/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S1 - 2'

E310258-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**5990**	200	10	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S1 - 3'

E310258-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.4 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**4580**	100	5	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S1 - 4'

E310258-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**252**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S1 - 5'

E310258-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**68.2**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S2 - 1'

E310258-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*86.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**4080**	40.0	2	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S2 - 2'

E310258-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**6320**	200	10	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S2 - 3'

E310258-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**4380**	100	5	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S2 - 4'

E310258-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**198**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S2 - 5'

E310258-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**75.0**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S3 - 1'

E310258-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	ND	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S3 - 2'

E310258-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**89.6**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S3 - 3'

E310258-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**4390**	40.0	2	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S3 - 4'

E310258-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**204**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S3 - 5'

E310258-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**74.9**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S4 - 1'

E310258-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**2220**	40.0	2	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S4 - 2'

E310258-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**145**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S4 - 3'

E310258-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**26.2**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S4 - 4'

E310258-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**116**	20.0	1	10/27/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

S4 - 5'

E310258-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Benzene	ND	0.0250	1	10/25/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/28/23	
Toluene	ND	0.0250	1	10/25/23	10/28/23	
o-Xylene	ND	0.0250	1	10/25/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343081
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/25/23*	*10/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343084
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343112
Chloride	**60.8**	20.0	1	10/27/23	10/28/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

Volatile Organics by EPA 8021B

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 (2343081-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
LCS (2343081-BS1)									Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.21	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.87*		*8.00*		*98.3*	*70-130*			
Matrix Spike (2343081-MS1)				**Source: E310258-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	5.37	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.32	0.0250	5.00	ND	106	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike Dup (2343081-MSD1)				**Source: E310258-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	5.32	0.0250	5.00	ND	106	54-133	1.08	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61-133	1.04	20	
Toluene	5.28	0.0250	5.00	ND	106	61-130	0.823	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	0.562	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	1.10	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131	0.921	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343081-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS (2343081-BS2)									Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*70-130*			
Matrix Spike (2343081-MS2)				**Source: E310258-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2343081-MSD2)				**Source: E310258-01**					Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.3	70-130	2.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343084-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.3*		*50.0*		*94.6*	*50-200*			
LCS (2343084-BS1)									Prepared: 10/26/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	*43.0*		*50.0*		*86.1*	*50-200*			
Matrix Spike (2343084-MS1)				**Source: E310258-05**					Prepared: 10/26/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	237	25.0	250	ND	95.0	38-132			
Surrogate: n-Nonane	*43.2*		*50.0*		*86.5*	*50-200*			
Matrix Spike Dup (2343084-MSD1)				**Source: E310258-05**					Prepared: 10/26/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	38-132	2.26	20	
Surrogate: n-Nonane	*42.4*		*50.0*		*84.8*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 1:22:55PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343112-BLK1)									Prepared: 10/27/23 Analyzed: 10/28/23
Chloride	ND	20.0							
LCS (2343112-BS1)									Prepared: 10/27/23 Analyzed: 10/28/23
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2343112-MS1)				**Source: E310258-01**					Prepared: 10/27/23 Analyzed: 10/30/23
Chloride	4430	100	250	4300	50.3	80-120			M4
Matrix Spike Dup (2343112-MSD1)				**Source: E310258-01**					Prepared: 10/27/23 Analyzed: 10/30/23
Chloride	4300	100	250	4300	NR	80-120	3.01	20	M4

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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 13:22

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Ichabo 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

Lab Use Only: Lab WO# E310258 | Job Number 01058.0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
8:06	10/20	S	1	S1 - 1'	1	
8:15				S1 - 2'	2	
8:19				S1 - 3'	3	
8:21				S1 - 4'	4	
8:25				S1 - 5'	5	
8:26				S2 - 1'	6	
8:27				S2 - 2'	7	
8:29				S2 - 3'	8	
8:31				S2 - 4'	9	
8:35				S2 - 5'	10	

Additional Instructions: B# 21174749

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
Tanner Adams	10/24/23	2:18	Michelle Garcia	10.24.23	1418
Michelle Garcia	10.24.23	1700	Andrew Nusso	10.24.23	1730
Andrew Nusso	10.24.23	2400	Cartha Mac	10.25.23	8:30

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

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

envirotech

Page 725 of 874

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

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

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

Lab Use Only
Lab WO# E310258
Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
8:44	10/20	S	1	S3-1'	11	
8:51				S3-2'	12	
8:55				S3-3'	13	
9:01				S3-4'	14	
9:10				S3-5'	15	
9:15				S4-1'	16	
9:17				S4-2'	17	
9:19				S4-3'	18	
9:21				S4-4'	19	
9:22				S4-5'	20	

Additional Instructions: B# 21174749

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
Karin Hoffard	10/24/23	2:18	Michelle Gant	10.24.23	1418
Michelle Gant	10.24.23	1700	Andrew Mugge	10.24.23	1730
Andrew Mugge	10.24.23	2400	Caitlin Mars	10.25.23	8:30

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

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/25/2023 1:16:25PM

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:	10/25/23 08:30	Work Order ID:	E310258
Phone:	(575) 631-6977	Date Logged In:	10/24/23 17:50	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/31/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been into 3 reports due to high sample volume. Wokorders are as follows: E310258, E310259, E310260

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310259
Job Number:	01058-0007
Received:	10/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/1/23

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

Date Reported: 11/1/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310259
Date Received: 10/25/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2023 8:30:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/23 16:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5 - 1'	E310259-01A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S5 - 2'	E310259-02A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S5 - 3'	E310259-03A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S5 - 4'	E310259-04A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S5 - 5'	E310259-05A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S6 - 1'	E310259-06A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S6 - 2'	E310259-07A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S6 - 3'	E310259-08A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S6 - 4'	E310259-09A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S6 - 5'	E310259-10A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S7 - 1'	E310259-11A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S7 - 2'	E310259-12A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S7 - 3'	E310259-13A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S7 - 4'	E310259-14A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S7 - 5'	E310259-15A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S8 - 1'	E310259-16A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S8 - 2'	E310259-17A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S8 - 3'	E310259-18A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S8 - 4'	E310259-19A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S8 - 5'	E310259-20A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S5 - 1'

E310259-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*86.3 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	ND	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S5 - 2'

E310259-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*91.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*91.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*79.4 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	ND	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S5 - 3'

E310259-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*78.7 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	ND	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S5 - 4'

E310259-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*80.2 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**51.5**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S5 - 5'

E310259-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**65.3**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S6 - 1'

E310259-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/26/23	
Surrogate: n-Nonane		*81.6 %*	*50-200*	*10/26/23*	*10/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**5140**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S6 - 2'

E310259-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*81.8 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	ND	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S6 - 3'

E310259-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*80.8 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**27.5**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S6 - 4'

E310259-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*81.6 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**68.7**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S6 - 5'

E310259-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**67.8**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S7 - 1'

E310259-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*79.8 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**5390**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S7 - 2'

E310259-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*89.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*89.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*78.9 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**3940**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S7 - 3'

E310259-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**4390**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S7 - 4'

E310259-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**296**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S7 - 5'

E310259-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*89.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*91.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*89.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*91.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**75.2**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S8 - 1'

E310259-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*77.4 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**5450**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S8 - 2'

E310259-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*81.3 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**4050**	40.0	2	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S8 - 3'

E310259-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*80.4 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**4490**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S8 - 4'

E310259-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*81.0 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**475**	20.0	1	10/27/23	11/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

S8 - 5'

E310259-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343092
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*90.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*92.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/23	10/27/23	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*10/26/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343113
Chloride	**312**	20.0	1	10/27/23	11/01/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

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 (2343092-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.466*		*0.500*		*93.1*	*70-130*			
LCS (2343092-BS1)									Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.37	0.0250	2.50		95.0	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.32	0.0250	2.50		92.8	70-130			
o-Xylene	2.37	0.0250	2.50		94.7	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.5	70-130			
Total Xylenes	7.04	0.0250	7.50		93.9	70-130			
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.477*		*0.500*		*95.3*	*70-130*			
Matrix Spike (2343092-MS1)				**Source: E310259-03**					Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.24	0.0250	2.50	ND	89.5	48-131			
Ethylbenzene	2.24	0.0250	2.50	ND	89.5	45-135			
Toluene	2.15	0.0250	2.50	ND	86.1	48-130			
o-Xylene	2.20	0.0250	2.50	ND	87.8	43-135			
p,m-Xylene	4.34	0.0500	5.00	ND	86.8	43-135			
Total Xylenes	6.54	0.0250	7.50	ND	87.2	43-135			
Surrogate: Bromofluorobenzene	*0.457*		*0.500*		*91.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: Toluene-d8	*0.467*		*0.500*		*93.3*	*70-130*			
Matrix Spike Dup (2343092-MSD1)				**Source: E310259-03**					Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.46	0.0250	2.50	ND	98.5	48-131	9.51	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.4	45-135	9.39	27	
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	9.57	24	
o-Xylene	2.39	0.0250	2.50	ND	95.5	43-135	8.34	27	
p,m-Xylene	4.71	0.0500	5.00	ND	94.1	43-135	8.06	27	
Total Xylenes	7.09	0.0250	7.50	ND	94.6	43-135	8.15	27	
Surrogate: Bromofluorobenzene	*0.450*		*0.500*		*89.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.466*		*0.500*		*93.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343092-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.466*		*0.500*		*93.1*	*70-130*			
LCS (2343092-BS2)									Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: Bromofluorobenzene	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*93.9*	*70-130*			
Matrix Spike (2343092-MS2)				**Source: E310259-03**					Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	ND	80.1	70-130			
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.475*		*0.500*		*94.9*	*70-130*			
Matrix Spike Dup (2343092-MSD2)				**Source: E310259-03**					Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	39.3	20.0	50.0	ND	78.6	70-130	1.90	20	
Surrogate: Bromofluorobenzene	*0.462*		*0.500*		*92.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.467*		*0.500*		*93.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343096-BLK1)									Prepared: 10/26/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.7*		*50.0*		*89.5*	*50-200*			
LCS (2343096-BS1)									Prepared: 10/26/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.2	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike (2343096-MS1)				**Source: E310259-05**					Prepared: 10/26/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132			
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			
Matrix Spike Dup (2343096-MSD1)				**Source: E310259-05**					Prepared: 10/26/23 Analyzed: 10/26/23
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.2	38-132	4.65	20	
Surrogate: n-Nonane	*40.5*		*50.0*		*80.9*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2023 4:03:48PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343113-BLK1)									Prepared: 10/27/23 Analyzed: 11/01/23
Chloride	ND	20.0							
LCS (2343113-BS1)									Prepared: 10/27/23 Analyzed: 11/01/23
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2343113-MS1)				**Source: E310259-01**					Prepared: 10/27/23 Analyzed: 11/01/23
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2343113-MSD1)				**Source: E310259-01**					Prepared: 10/27/23 Analyzed: 11/01/23
Chloride	259	20.0	250	ND	103	80-120	1.46	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/23 16:03

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Ichabod 7 Federal Com 1	Attention: DeVon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

Lab Use Only: Lab WO# E310259 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:31	10/20	S	1	S5-1'	1	X	
9:39				S5-2'	2		
9:41				S5-3'	3		
9:52				S5-4'	4		
9:53				S5-5'	5		
9:55				S6-1'	6		
9:59				S6-2'	7		
10:11				S6-3'	8		
10:15				S6-4'	9		
10:16				S6-5'	10		

Additional Instructions: B#211749

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
Jenna Adame	10/24/23	2:18	Michelle Leyba	10-24-23	1418
Michelle Leyba	10-24-23	1700	Andrew Murphy	10.24.23	1730
Andrew Murphy	10.24.23	2400	Courtney Mar	10.25.23	8:30

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

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Echado 7 Federal Com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

Lab Use Only
Lab WO# E310259
Job Number 01058007

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:18	10/20	S	1	S7 - 1'	11							X		
10:19				S7 - 2'	12									
10:21				S7 - 3'	13									
10:22				S7 - 4'	14									
10:29				S7 - 5'	15									
10:31				S8 - 1'	16									
10:36				S8 - 2'	17									
10:39				S8 - 3'	18									
10:41				S8 - 4	19									
10:44				S8 - 5'	20									

Additional Instructions: B# 21174749

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
Karime Adame	10/24/23	2:18	Michelle Reyes	10.24.23	1418
Michelle Reyes	10.24.23	1700	Andrew Murfee	10.24.23	1730
Andrew Murfee	10.24.23	2400	Cathy Mac	10.25.23	8:30

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2023 1:20:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/25/23 08:30	Work Order ID:	E310259
Phone:	(575) 631-6977	Date Logged In:	10/24/23 17:51	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/31/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been into 3 reports due to high sample volume. Wokorders are as follows: E310258, E310259, E310260

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal Com 1
Work Order:	E310260
Job Number:	01058-0007
Received:	10/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal Com 1
Workorder: E310260
Date Received: 10/25/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2023 8:30:00AM, under the Project Name: Ichabod 7 Federal Com 1.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal Com 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 15:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9 - 1'	E310260-01A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S9 - 2'	E310260-02A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S9 - 3'	E310260-03A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S9 - 4'	E310260-04A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S9 - 5'	E310260-05A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S10 - 1'	E310260-06A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S10 - 2'	E310260-07A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S10 - 3'	E310260-08A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S10 - 4'	E310260-09A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
S10 - 5'	E310260-10A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW1	E310260-11A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW2	E310260-12A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW3	E310260-13A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW4	E310260-14A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW5	E310260-15A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW6	E310260-16A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW7	E310260-17A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW8	E310260-18A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW9	E310260-19A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW10	E310260-20A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW11	E310260-21A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW12	E310260-22A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW13	E310260-23A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.
SW14	E310260-24A	Soil	10/20/23	10/25/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S9 - 1'

E310260-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**6450**	200	10	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S9 - 2'

E310260-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**4190**	40.0	2	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S9 - 3'

E310260-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**4710**	100	5	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S9 - 4'

E310260-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**322**	20.0	1	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S9 - 5'

E310260-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**283**	20.0	1	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S10 - 1'

E310260-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**4120**	40.0	2	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S10 - 2'

E310260-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**4100**	40.0	2	10/26/23	10/27/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S10 - 3'

E310260-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	**70.3**	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*90.2 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**5000**	100	5	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S10 - 4'

E310260-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**132**	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

S10 - 5'

E310260-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	**200**	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW1

E310260-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW2

E310260-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW3

E310260-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*90.2 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW4

E310260-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW5

E310260-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*89.7 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW6

E310260-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW7

E310260-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW8

E310260-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW9

E310260-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW10

E310260-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Benzene	ND	0.0250	1	10/26/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/26/23	10/27/23	
Toluene	ND	0.0250	1	10/26/23	10/27/23	
o-Xylene	ND	0.0250	1	10/26/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/26/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/23	10/27/23	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*10/26/23*	*10/27/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/26/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343118
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		*97.1 %*	*50-200*	*10/27/23*	*10/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2343102
Chloride	ND	20.0	1	10/26/23	10/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW11

E310260-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343117
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/30/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW12

E310260-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343117
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/30/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW13

E310260-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343117
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/30/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

SW14

E310260-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Benzene	ND	0.0250	1	10/25/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/25/23	10/27/23	
Toluene	ND	0.0250	1	10/25/23	10/27/23	
o-Xylene	ND	0.0250	1	10/25/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/25/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/25/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2343071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*10/25/23*	*10/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2343117
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/27/23*	*10/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/30/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343093-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.570*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			
LCS (2343093-BS1)									Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.73	0.0250	2.50		109	70-130			
Ethylbenzene	2.73	0.0250	2.50		109	70-130			
Toluene	2.68	0.0250	2.50		107	70-130			
o-Xylene	2.69	0.0250	2.50		108	70-130			
p,m-Xylene	5.43	0.0500	5.00		108	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
Matrix Spike (2343093-MS1)				**Source: E310260-04**					Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.73	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.78	0.0250	2.50	ND	111	45-135			
Toluene	2.77	0.0250	2.50	ND	111	48-130			
o-Xylene	2.70	0.0250	2.50	ND	108	43-135			
p,m-Xylene	5.45	0.0500	5.00	ND	109	43-135			
Total Xylenes	8.14	0.0250	7.50	ND	109	43-135			
Surrogate: Bromofluorobenzene	*0.584*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2343093-MSD1)				**Source: E310260-04**					Prepared: 10/26/23 Analyzed: 10/27/23
Benzene	2.67	0.0250	2.50	ND	107	48-131	2.11	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	3.67	27	
Toluene	2.64	0.0250	2.50	ND	106	48-130	4.60	24	
o-Xylene	2.70	0.0250	2.50	ND	108	43-135	0.0742	27	
p,m-Xylene	5.42	0.0500	5.00	ND	108	43-135	0.534	27	
Total Xylenes	8.12	0.0250	7.50	ND	108	43-135	0.332	27	
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Volatile Organics by EPA 8021B

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 (2343071-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS (2343071-BS1)									Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.86	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
Matrix Spike (2343071-MS1)				**Source: E310245-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	4.83	0.0250	5.00	ND	96.6	54-133			
Ethylbenzene	4.62	0.0250	5.00	ND	92.4	61-133			
Toluene	4.82	0.0250	5.00	ND	96.3	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131			
p,m-Xylene	9.55	0.0500	10.0	ND	95.5	63-131			
Total Xylenes	14.3	0.0250	15.0	ND	95.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.75*		*8.00*		*96.9*	*70-130*			
Matrix Spike Dup (2343071-MSD1)				**Source: E310245-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Benzene	5.01	0.0250	5.00	ND	100	54-133	3.76	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.5	61-133	3.28	20	
Toluene	4.99	0.0250	5.00	ND	99.7	61-130	3.44	20	
o-Xylene	4.92	0.0250	5.00	ND	98.4	63-131	3.11	20	
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	63-131	3.11	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	3.11	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343071-BLK1)									Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*70-130*			
LCS (2343071-BS2)									Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			
Matrix Spike (2343071-MS2)				**Source: E310245-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.7*	*70-130*			
Matrix Spike Dup (2343071-MSD2)				**Source: E310245-02**					Prepared: 10/25/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.5	70-130	3.13	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343093-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.570*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			
LCS (2343093-BS2)									Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	*0.581*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.550*		*0.500*		*110*	*70-130*			
Matrix Spike (2343093-MS2)				**Source: E310260-04**					Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130			
Surrogate: Bromofluorobenzene	*0.590*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2343093-MSD2)				**Source: E310260-04**					Prepared: 10/26/23 Analyzed: 10/27/23
Gasoline Range Organics (C6-C10)	59.8	20.0	50.0	ND	120	70-130	2.48	20	
Surrogate: Bromofluorobenzene	*0.598*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.557*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343117-BLK1)									Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.3*		*50.0*		*94.7*	*50-200*			
LCS (2343117-BS1)									Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
Matrix Spike (2343117-MS1)				**Source: E310261-03**					Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	300	25.0	250	49.5	100	38-132			
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2343117-MSD1)				**Source: E310261-03**					Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	284	25.0	250	49.5	93.7	38-132	5.44	20	
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343118-BLK1)									Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2343118-BS1)									Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	*46.2*		*50.0*		*92.4*	*50-200*			
Matrix Spike (2343118-MS1)				**Source: E310260-05**					Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*50-200*			
Matrix Spike Dup (2343118-MSD1)				**Source: E310260-05**					Prepared: 10/27/23 Analyzed: 10/27/23
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132	0.620	20	
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2343102-BLK1)									Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	ND	20.0							
LCS (2343102-BS1)									Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2343102-MS1)				**Source: E310260-01**					Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	6720	200	250	6450	108	80-120			
Matrix Spike Dup (2343102-MSD1)				**Source: E310260-01**					Prepared: 10/26/23 Analyzed: 10/27/23
Chloride	6540	200	250	6450	38.6	80-120	2.62	20	M4

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal Com 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/2023 3:26:05PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344007-BLK1)									Prepared: 10/30/23 Analyzed: 10/30/23
Chloride	ND	20.0							
LCS (2344007-BS1)									Prepared: 10/30/23 Analyzed: 10/30/23
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2344007-MS1)				**Source: E310253-01**					Prepared: 10/30/23 Analyzed: 10/30/23
Chloride	684	20.0	250	448	94.5	80-120			
Matrix Spike Dup (2344007-MSD1)				**Source: E310253-01**					Prepared: 10/30/23 Analyzed: 10/30/23
Chloride	695	20.0	250	448	98.6	80-120	1.49	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:	Ichabod 7 Federal Com 1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/31/23 15:26

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

Page 6 of 7

Client: Pima Environmental Services
Project: Echada 7 Federal com 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: DEVON
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

Lab Use Only
Lab WO# E310260
Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
11:36	10/20	S	1	SW1	11									X				
11:51				SW2	12													
11:52				SW3	13													
11:59				SW4	14													
12:01				SW5	15													
12:11				SW6	16													
12:15				SW7	17													
12:17				SW8	18													
12:19				SW9	19													
12:21				SW10	20													

Additional Instructions: B# 21174749

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
Katrina Hanna	10/24/23	2:18	Michelle Gray	10.24.23	1418
Michelle Gray	10.24.23	1700	Andrew Mcgee	10.24.23	1730
Andrew Mcgee	10.24.23	2400	Earth Mac	10.25.23	8:30

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

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

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

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

envirotech

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Ichabo 7 Federal CDM 1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: DEVON
Address:
City, State, Zip
Phone:
Email:
Pima Project # 328-3

Lab Use Only
Lab WO# E310260 Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA

State: NM (x) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
10:49	10/20	S	1	SG - 1'	1	
10:55	"	"	"	SG - 2'	2	
11:01	"	"	"	SG - 3'	3	
11:10	"	"	"	SG - 4'	4	
11:17	"	"	"	SG - 5'	5	
11:18	"	"	"	S10 - 1'	6	
11:21	"	"	"	S10 - 2'	7	
11:25	"	"	"	S10 - 3'	8	
11:26	"	"	"	S10 - 4'	9	
11:33	"	"	"	S10 - 5'	10	

Additional Instructions: B# 21174749

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
Kerin Stone	10/24/23	1218	Michelle Kemp	10.24.23	1418
Michelle Kemp	10.24.23	1700	[illegible]	10.24.23	1730
[illegible]	10.24.23	2400	[illegible]	10.25.23	8:30

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information

Chain of Custody

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Client: Pima Environmental Services	Bill To
Project: Ichabo 7 Federal COM1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 328-3
Report due by:	

Lab Use Only: Lab WO# E310260 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:26	10/20	S	1	SW 11	21	X	
12:31				SW 12	22		
12:33				SW 13	23		
12:35				SW 14	24		

Additional Instructions: B# 21179749

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
Karime Abrime	10/24/23	2:18	Michelle Gaugh	10.24.23	1418
Michelle Gaugh	10.24.23	1700	Robert Murphy	10.24.23	1730
Robert Murphy	10.24.23	2400	Caitlin Mac	10.25.23	8:30

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2023 1:23:12PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/25/23 08:30	Work Order ID:	E310260
Phone:	(575) 631-6977	Date Logged In:	10/24/23 17:52	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/31/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Ichabod 7 Federal Com 1 has been into 3 reports due to high sample volume. Wokorders are as follows: E310258, E310259, E310260

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal #001 H
Work Order:	E401223
Job Number:	01058-0007
Received:	1/31/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/24

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

Date Reported: 2/8/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal #001 H
Workorder: E401223
Date Received: 1/31/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2024 8:00:00AM, under the Project Name: Ichabod 7 Federal #001 H.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal #001 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/08/24 15:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S36 - 5'	E401223-01A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S37 - 5'	E401223-02A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S38 - 5'	E401223-03A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S38 - 6'	E401223-04A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S41 - 5'	E401223-05A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S44 - 5'	E401223-06A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S45 - 5'	E401223-07A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S46 - 7'	E401223-08A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S46 - 8	E401223-09A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S47 - 7'	E401223-10A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S47 - 8'	E401223-11A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S48 -7'	E401223-12A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S48 -8'	E401223-13A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S49 -7'	E401223-14A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S49 - 8'	E401223-15A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S50 - 7'	E401223-16A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S50 - 8'	E401223-17A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S51 - 7'	E401223-18A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S51 - 8'	E401223-19A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S52 - 7'	E401223-20A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S36 - 5'

E401223-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**44.5**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S37 - 5'

E401223-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**62.8**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S38 - 5'

E401223-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**77.3**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S38 - 6'

E401223-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**25.0**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S41 - 5'

E401223-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/05/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/05/24	
Toluene	ND	0.0250	1	01/31/24	02/05/24	
o-Xylene	ND	0.0250	1	01/31/24	02/05/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/05/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/05/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*01/31/24*	*02/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*01/31/24*	*02/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**64.9**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S44 - 5'

E401223-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**88.2**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S45 - 5'

E401223-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**40.5**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S46 - 7'

E401223-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**95.6**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S46 - 8

E401223-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S47 - 7'

E401223-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**23.6**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S47 - 8'

E401223-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S48 -7'

E401223-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**24.9**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S48 -8'

E401223-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/05/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/05/24*	*02/05/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S49 -7'

E401223-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**29.7**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S49 - 8'

E401223-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S50 - 7'

E401223-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*99.8 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**43.9**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S50 - 8'

E401223-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S51 - 7'

E401223-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**34.0**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S51 - 8'

E401223-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

S52 - 7'

E401223-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405060
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406014
Chloride	**65.6**	20.0	1	02/05/24	02/05/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2405060-BLK1)									Prepared: 01/31/24 Analyzed: 02/05/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			
LCS (2405060-BS1)									Prepared: 01/31/24 Analyzed: 02/07/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.95	0.0250	5.00		98.9	70-130			
Toluene	4.93	0.0250	5.00		98.6	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.88*		*8.00*		*98.4*	*70-130*			
Matrix Spike (2405060-MS1)				**Source: E401223-05**					Prepared: 01/31/24 Analyzed: 02/07/24
Benzene	4.67	0.0250	5.00	ND	93.4	54-133			
Ethylbenzene	5.04	0.0250	5.00	ND	101	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	5.15	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
Matrix Spike Dup (2405060-MSD1)				**Source: E401223-05**					Prepared: 01/31/24 Analyzed: 02/07/24
Benzene	4.52	0.0250	5.00	ND	90.4	54-133	3.22	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133	2.82	20	
Toluene	4.87	0.0250	5.00	ND	97.4	61-130	3.04	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	2.80	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.76	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	2.77	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2405060-BLK1)									Prepared: 01/31/24 Analyzed: 02/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
LCS (2405060-BS2)									Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike (2405060-MS2)				**Source: E401223-05**					Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			
Matrix Spike Dup (2405060-MSD2)				**Source: E401223-05**					Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130	4.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406007-BLK1)									Prepared: 02/05/24 Analyzed: 02/05/24
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 (2406007-BS1)									Prepared: 02/05/24 Analyzed: 02/05/24
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
LCS Dup (2406007-BSD1)									Prepared: 02/05/24 Analyzed: 02/05/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132	3.93	20	
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:08:32PM

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 (2406014-BLK1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	ND	20.0							
LCS (2406014-BS1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	240	20.0	250		96.2	90-110			
LCS Dup (2406014-BSD1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	238	20.0	250		95.4	90-110	0.821	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:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/08/24 15:08

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 1 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Ichabod 7 Federal #001H	Attention: Devon	Lab WO# E401223	Job Number 01058-0007
Project Manager: Tom Bynum	Address:	1D:	2D:	3D:	Standard: X
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA:	SDWA:	RCRA:
City, State, Zip Hobbs, NM, 88240	Phone:	State: NM X	CO	UT	AZ	TX
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-328-2	
Report due by:		

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	BGDOC TX	Remarks
8:00	1/26	S		S36-5'	1	X		
8:06	"	"		S37-5'	2	"		
8:16	"	"		S38-5'	3	"		
8:19	"	"		S38-6'	4	"		
8:21	"	"		S41-5'	5	"		
8:28	"	"		S44-5'	6	"		
8:36	"	"		S45-5'	7	"		
8:42	"	"		S46-7'	8	"		
8:51	"	"		S46-8'	9	"		
8:56	"	"		S47-7'	10	"		

Additional Instructions: Billing # 211797 49

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
Karina Adame	1/30			1.30.24	1400
	1.30.24	1535		1-31-24	08:00

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

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

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

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

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 2 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Ichabod 7 Federal #001H	Attention: Devon	Lab WO# E401223	Job Number 01058-0007
Project Manager: Tom Bynum	Address:		1D 2D 3D Standard: X
Address: 5614 N. Lovington Hwy.	City, State, Zip		CWA / SDWA / RCRA
City, State, Zip Hobbs, NM, 88240	Phone:		State: NM X, CO, UT, AZ, TX
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 1-382-2		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:06	1/26	S		S47-8'	11							X		
9:17	"	"		S48-7'	12							"		
9:26				S48-8'	13									
9:32				S49-7'	14									
9:39				S49-8'	15									
9:46				S50-7'	16									
9:49				S50-8'	17									
9:56				S51-7'	18									
10:05				S51-8'	19									
10:17				S52-7'	20									

Additional Instructions: Billing # 21179749

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
Karime Adame	1/30			1.30.24	1400
	1.30.24	1535		1-31-24	08:00

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 1/31/2024 12:07:10PM

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:	01/31/24 08:00	Work Order ID:	E401223
Phone:	(575) 631-6977	Date Logged In:	01/30/24 16:36	Logged In By:	Angelina Pineda
Email:	tom@pimaoil.com	Due Date:	02/06/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project: Ichabod7 Federal #001H, has been separated into multiple reports due to high sample volume. WO # are as follows: E401223 & E401224. Sampler name not present on samples and COC. Client did not write a reliquished time or No. of containers on COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ichabod 7 Federal #001 H
Work Order:	E401224
Job Number:	01058-0007
Received:	1/31/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/24

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

Date Reported: 2/8/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ichabod 7 Federal #001 H
Workorder: E401224
Date Received: 1/31/2024 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2024 7:30:00AM, under the Project Name: Ichabod 7 Federal #001 H.

The analytical test results summarized in this report with the Project Name: Ichabod 7 Federal #001 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/08/24 15:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S52 - 8	E401224-01A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S53 - 7	E401224-02A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S53 - 8'	E401224-03A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S54 - 7'	E401224-04A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S54 - 8'	E401224-05A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S55 - 7'	E401224-06A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S55 - 8'	E401224-07A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S56 - 7'	E401224-08A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S56 - 8'	E401224-09A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S57 - 7'	E401224-10A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S57 - 8'	E401224-11A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S58 - 7'	E401224-12A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S58 - 8'	E401224-13A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S59 - 7'	E401224-14A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S59 - 8'	E401224-15A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S60 - 7'	E401224-16A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S60 - 8'	E401224-17A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S61 - 7'	E401224-18A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.
S61 - 8'	E401224-19A	Soil	01/26/24	01/31/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S52 - 8

E401224-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S53 - 7

E401224-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**29.3**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S53 - 8'

E401224-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S54 - 7'

E401224-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**31.3**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S54 - 8'

E401224-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/06/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/06/24	
Toluene	ND	0.0250	1	01/31/24	02/06/24	
o-Xylene	ND	0.0250	1	01/31/24	02/06/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/06/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*01/31/24*	*02/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S55 - 7'

E401224-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**31.9**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S55 - 8'

E401224-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S56 - 7'

E401224-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**31.6**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S56 - 8'

E401224-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*84.2 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S57 - 7'

E401224-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*82.0 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**24.2**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S57 - 8'

E401224-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S58 - 7'

E401224-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*83.5 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**26.7**	20.0	1	02/05/24	02/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S58 - 8'

E401224-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S59 - 7'

E401224-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**29.3**	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S59 - 8'

E401224-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S60 - 7'

E401224-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**26.9**	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S60 - 8'

E401224-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	ND	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S61 - 7'

E401224-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	**42.0**	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**79.6**	20.0	1	02/05/24	02/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

S61 - 8'

E401224-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Benzene	ND	0.0250	1	01/31/24	02/07/24	
Ethylbenzene	ND	0.0250	1	01/31/24	02/07/24	
Toluene	ND	0.0250	1	01/31/24	02/07/24	
o-Xylene	ND	0.0250	1	01/31/24	02/07/24	
p,m-Xylene	ND	0.0500	1	01/31/24	02/07/24	
Total Xylenes	ND	0.0250	1	01/31/24	02/07/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2405062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/24	02/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*01/31/24*	*02/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/24	02/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/24	02/06/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/05/24*	*02/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406015
Chloride	**30.9**	20.0	1	02/05/24	02/06/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2405062-BLK1)									Prepared: 01/31/24 Analyzed: 02/06/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.82*		*8.00*		*97.8*	*70-130*			
LCS (2405062-BS1)									Prepared: 01/31/24 Analyzed: 02/06/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.5	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.49	0.0500	10.0		94.9	70-130			
Total Xylenes	14.3	0.0250	15.0		95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			
Matrix Spike (2405062-MS1)				**Source: E401224-05**					Prepared: 01/31/24 Analyzed: 02/06/24
Benzene	3.78	0.0250	5.00	ND	75.7	54-133			
Ethylbenzene	3.61	0.0250	5.00	ND	72.1	61-133			
Toluene	3.73	0.0250	5.00	ND	74.7	61-130			
o-Xylene	3.66	0.0250	5.00	ND	73.1	63-131			
p,m-Xylene	7.35	0.0500	10.0	ND	73.5	63-131			
Total Xylenes	11.0	0.0250	15.0	ND	73.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*98.9*	*70-130*			
Matrix Spike Dup (2405062-MSD1)				**Source: E401224-05**					Prepared: 01/31/24 Analyzed: 02/07/24
Benzene	3.71	0.0250	5.00	ND	74.3	54-133	1.86	20	
Ethylbenzene	3.52	0.0250	5.00	ND	70.5	61-133	2.29	20	
Toluene	3.66	0.0250	5.00	ND	73.2	61-130	2.00	20	
o-Xylene	3.58	0.0250	5.00	ND	71.7	63-131	1.96	20	
p,m-Xylene	7.17	0.0500	10.0	ND	71.7	63-131	2.41	20	
Total Xylenes	10.8	0.0250	15.0	ND	71.7	63-131	2.26	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2405062-BLK1)									Prepared: 01/31/24 Analyzed: 02/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*70-130*			
LCS (2405062-BS2)									Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike (2405062-MS2)				**Source: E401224-05**					Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike Dup (2405062-MSD2)				**Source: E401224-05**					Prepared: 01/31/24 Analyzed: 02/08/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.0	70-130	21.3	20	R3
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406008-BLK1)									Prepared: 02/05/24 Analyzed: 02/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*50-200*			
LCS (2406008-BS1)									Prepared: 02/05/24 Analyzed: 02/06/24
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	*49.8*		*50.0*		*99.5*	*50-200*			
LCS Dup (2406008-BSD1)									Prepared: 02/05/24 Analyzed: 02/06/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132	0.804	20	
Surrogate: n-Nonane	*54.0*		*50.0*		*108*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ichabod 7 Federal #001 H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/8/2024 3:01:24PM

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 (2406015-BLK1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	ND	20.0							
LCS (2406015-BS1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2406015-BSD1)									Prepared: 02/05/24 Analyzed: 02/05/24
Chloride	256	20.0	250		102	90-110	0.744	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:	Ichabod 7 Federal #001 H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/08/24 15:01

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
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 3 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT	EPA Program
Project: Ichabod 7 Federal #001 H	Attention: Devon	Lab WO# E401224	Job Number 01058-0007	1D 2D 3D Standard X	CWA SDWA
Project Manager: Tom Bynum	Address:			RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip			State: NM X CO UT AZ TX
City, State, Zip Hobbs, NM, 88240	Phone:			
Phone: 580-748-1613	Email:			
Email: tom@pimaoil.com	Pima Project # 1-328-2			
Report due by:				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:21	1/26	S		S52-8	1							X		
10:36				S53-7	2									
10:41				S53-8'	3									
10:49				S54-7'	4									
10:52				S54-8'	5									
11:11				S55-7'	6									
11:17				S55-8	7									
11:21				S56-7'	8									
11:33				S56-8'	9									
11:46				S57-7'	10									

Additional Instructions: Billing #211979749

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
Karime Adame	1/30			1.30.24	1400
	1.30.24	1535		1/31/24	7:30

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

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

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

envirotech

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Released to Imaging: 4/24/2024 11:12:09 AM
Received by OCD: 2/22/2024 12:26:41 PM

Project Information | Chain of Custody | Page 4 of 4

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Echabod 7 Federal #001H	Attention: Devon	Lab WO# E401224
Project Manager: Tom Bynum	Address:	Job Number 01058.0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 1-328-2	
Report due by:		

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

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:52	1/26	S		S57-8'	11	X	
12:06				S58-7'	12		
12:12				S58-8	13		
12:26				S59-7'	14		
12:38				S59-8'	15		
12:49				S60-7'	16		
12:56				S60-8'	17		
1:11				S61-7'	18		
1:27				S61-8'	19		

Additional Instructions: Billing # 21179749

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
Jerome Adame	1/30			1.30.24	1400
	1.30.24	1535		1/31/24	7:30

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

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 1/31/2024 11:51:45AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	01/31/24 07:30	Work Order ID:	E401224
Phone:	(575) 631-6977	Date Logged In:	01/31/24 07:41	Logged In By:	Raina Schwanz
Email:	tom@pimaoil.com	Due Date:	02/06/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project: Ichabod7 Federal #001H, has been separated into multiple reports due to high sample volume. WO # are as follows: E401223 & E401224. Sampler name not present on samples and COC. Client did not write a reliquished time or No. of containers on COC.

Client Instruction

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

Date

envirotech Inc.

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

QUESTIONS

Action 316589

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2327933516**
Incident Name	**NAPP2327933516 ICHABOD 7 FED 1H BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2130254851] ICHABOD 7 FED 1H BATTERY**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ICHABOD 7 FED 1H BATTERY
Date Release Discovered	10/05/2023
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: 2,286 BBL | Recovered: 1,200 BBL | Lost: 1,086 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	16" poly PW fuse failed on 16" main line. Fluids flowed into the containment, then onto pad and offsite north to the lease road.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/22/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan 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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (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)	27400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1755
GRO+DRO (EPA SW-846 Method 8015M)	1755
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	03/10/2024
On what date will (or did) the final sampling or liner inspection occur	01/26/2024
On what date will (or was) the remediation complete(d)	04/30/2024
What is the estimated surface area (in square feet) that will be reclaimed	166284
What is the estimated volume (in cubic yards) that will be reclaimed	24635
What is the estimated surface area (in square feet) that will be remediated	166284
What is the estimated volume (in cubic yards) that will be remediated	24635
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/22/2024
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 316589

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 316589
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	4/24/2024