Closure Report

Teague 16 State No. 2
Lea County, New Mexico
Incident #nAPP2305552333
K-16-23S-37E

Prepared For:

SCO Permian, LLC
5723 NW 132nd Street
Oklahoma City, OK 73142

Prepared By:

BDS Enterprises
1705 E Greene St.
Carlsbad, NM 88220

June 15, 2023

Select Energy-Responsible
June 8, 2023

Site Information

On or about February 20, 2023, a release occurred on the Teague 16 State No. 2 site. Due to human error a valve was not returned to the original position which caused an overflow in the frac tank. This resulted in fluids released to soil outside the containment, however all fluid remained on the pad area. The release was estimated to be 10 bbls., a Hydro vac was dispatched and recovered 9 bbls. A C-141 spill notification was submitted to the NMOCD and assigned **Incident No. NAPP2305552333** Appendix 1. The Teague 16 State No. 2 is located in Rural Lea County at the GPS coordinates (32.3035496 N, -103.1689982 W), approximately 29 miles South of Hobbs, NM.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of fine Sandy Loam with 0 to 3 percent slopes and a depth to restrictive feature of more than 80 inches. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of sandy eolian deposits derived from sedimentary rock, Holocene to middle Pleistocene in age. The soil characterization in this site is Non to very slightly salinized. Drainage courses in this area are typically well drained Appendix III.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 95 feet below ground surface (bgs), and the POD summary is dated 2009. Further research of the Bureau of Land Management Karst data indicates that this site is not located within a potential Karst area Appendix III.

Site Assessment

On February 12, and March 17 2023, respectively work completed by others concluded activity for an initial site assessment. The impacted area was mapped and soil samples retrieved. Sample Locations are shown in Appendix II. The results of the assessment sampling event are presented below on Table 1. Full laboratory reports can be referenced in Appendix V.

Select Energy-Responsible
June 8, 2023

Table 1

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/10,000**
S-1	0 - 0.5	2/22/2023	In-Situ	<0.401	**93.8**	2,930	12,700	1,630	**17,300**	552
	0.5 - 1	2/22/2023	In-Situ	<0.404	<0.808	70.9	930	125	**1,130**	69.7
	1	3/17/2023	In-Situ	0.0223	**68.1**	1,340	4,500	576	**6,420**	360
	3	3/17/2023	In-Situ	<0.00103	0.00511	<25.8	<25.8	<25.8	<25.8	25.4
	5	3/17/2023	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	59.1
S-2	0 - 0.5	2/22/2023	In-Situ	<0.399	6.81	351	2,580	301	**3,230**	93.0
	0.5 - 1	2/22/2023	In-Situ	<0.00198	<0.00396	<49.9	74	50.3	**124**	35.4
	1	3/17/2023	In-Situ	<0.00104	0.01399	<26.0	136	<26.0	**136**	45.8
	3	3/17/2023	In-Situ	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	37.4
	5	3/17/2023	In-Situ	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	21.9
S-3	0 - 0.5	2/22/2023	In-Situ	<0.398	**82.1**	1,770	10,900	1,370	**14,000**	270
	0.5 - 1	2/22/2023	In-Situ	<0.402	1.26	<49.9	726	83.3	**809**	141
	1	3/17/2023	In-Situ	0.00579	29.2	884	3,230	<532	**4,110**	85.3
	3	3/17/2023	In-Situ	<0.00103	0.00121	<25.8	<25.8	<25.8	<25.8	10.3
	5	3/17/2023	In-Situ	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	8.51
S-4	0 - 0.5	2/22/2023	In-Situ	<0.403	<0.806	172	914	110	**1,200**	92.8
	0.5 - 1	2/22/2023	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	17.3
S-5	0 - 0.5	2/22/2023	In-Situ	<0.400	**117**	2,800	7,640	996	**11,400**	299
	0.5 - 1	2/22/2023	In-Situ	<0.396	3.65	191	1,060	131	**1,380**	78.1
	1	3/17/2023	In-Situ	0.037	14.1	677	2,000	336	**3,010**	43.8

Continued

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/10,000**
	5	3/17/2023	In-Situ	<0.00105	0.00419	<26.3	<26.3	<26.3	<26.3	5.21
S-6	0 - 0.5	2/22/2023	In-Situ	<0.398	**100**	1,570	4,520	542	**6,630**	95.8
	0.5 - 1	2/22/2023	In-Situ	<0.00200	<0.00399	<49.9	72.8	<49.9	72.8	20.4
S-7	0 - 0.5	2/22/2023	In-Situ	<0.402	**223**	5,000	9,320	1,110	**15,400**	259
	0.5 - 1	2/22/2023	In-Situ	<0.404	8.43	369	2,000	259	**2,630**	215
	1	3/17/2023	In-Situ	0.0385	30.4	1,910	4,780	853	**7,540**	198
	3	3/17/2023	In-Situ	<0.00109	0.01648	<29.8	<29.8	<29.8	<29.8	99.7
	5	3/17/2023	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	41.7
S-8	0 - 0.5	2/22/2023	In-Situ	0.0293	0.324	95.7	558	65.9	**720**	187
	0.5 - 1	2/22/2023	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	47.0
S-9	0 - 0.5	2/22/2023	In-Situ	<0.399	**89.5**	2,410	16,100	4,330	**22,800**	**6,560**
	0.5 - 1	2/22/2023	In-Situ	<0.398	3.29	196	3,990	567	**4,750**	**1,440**
	1	3/17/2023	In-Situ	0.0316	**68.0**	2,500	8,860	1,970	**13,300**	**2,130**
	3	3/17/2023	In-Situ	<0.00108	0.00881	<26.9	<26.9	<26.9	<26.9	**1,730**
	5	3/17/2023	In-Situ	<0.00111	0.00375	<27.8	<27.8	<27.8	<27.8	133
S-10	0 - 0.5	2/22/2023	In-Situ	<0.398	**169**	3,710	11,100	1,510	**16,300**	190
	0.5 - 1	2/22/2023	In-Situ	<0.00198	<0.00396	69.5	187	<49.9	**257**	10.3
	1	3/20/2023	In-Situ	0.00727	27.9	525	1,420	<258	**1,950**	45.8
	3	3/20/2023	In-Situ	0.00109	0.00129	<27.2	<27.2	<27.2	<27.2	27.3

Select Energy-Responsible
June 8, 2023

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/10,000**
	5	3/20/2023	In-Situ	<0.00112	<0.00225	<28.1	<28.1	<28.1	<28.1	12.7
S-11	0 - 0.5	2/22/2023	In-Situ	<0.0990	40.1	427	3,810	120	**4,360**	**7,540**
	0.5 - 1	2/22/2023	In-Situ	<0.100	3.54	336	9,340	<250	**9,680**	**2,830**
	1	3/20/2023	In-Situ	0.00344	20.8	963	4,740	<130	**5,710**	**1,590**
	3	3/20/2023	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	**2,310**
	5	3/20/2023	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	**1,800**
S-12	0 - 0.5	2/22/2023	In-Situ	<0.201	**84.3**	819	2,190	225	**3,230**	436
	0.5 - 1	2/22/2023	In-Situ	<0.0401	5.51	75.7	311	<49.9	**387**	161
	1	3/20/2023	In-Situ	0.00229	12.4	387	1,350	216	**1,950**	169
	3	3/20/2023	In-Situ	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	195
	5	3/20/2023	In-Situ	<0.00114	<0.00227	<28.4	<28.4	<28.4	<28.4	158
S-13	0 - 0.5	2/22/2023	In-Situ	0.171	9.72	284	3,330	372	**3,960**	120
	0.5 - 1	2/22/2023	In-Situ	0.0608	2.99	<49.9	402	<49.9	**402**	99.4
	1	3/20/2023	In-Situ	<0.00103	0.01133	31.4	356	52	**440**	12.3
	3	3/20/2023	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	21.7
	5	3/20/2023	In-Situ	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	14.2
S-14	0 - 0.5	2/22/2023	In-Situ	<0.00200	<0.00399	<50.0	126	<50.0	**126**	189
	0.5 - 1	2/22/2023	In-Situ	<0.0198	0.241	<49.9	<49.9	<49.9	<49.9	91.7
S-15	0 - 0.5	2/22/2023	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	**618**

Continued

Select Energy-Responsible
June 8, 2023

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/10,000**
	0.5 - 1	2/22/2023	In-Situ	<0.00200	<0.00399	<49.9	150	<49.9	**150**	254
S-16	0 - 0.5	2/22/2023	In-Situ	<0.0201	<0.0402	<50.0	68.4	<50.0	68.4	210
	0.5 - 1	2/22/2023	In-Situ	<0.00200	0.0138	<49.8	<49.8	<49.8	<49.8	90.6
S-17	0 - 0.5	2/22/2023	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	279
	0.5 - 1	2/22/2023	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	275
S-18	1	3/20/2023	In-Situ	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	**2,080**
	3	3/20/2023	In-Situ	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	7.72
	5	3/20/2023	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	2.98

Results highlighted in Yellow indicate NMOCD Table 1 exceedances.

On May 16, 2023, Select Energy contracted BDS Enterprises to remediate the impacted area on the Teague State No. 2. based on the laboratory results from the initial site assessment and upon client authorization, BDS Enterprises personnel and equipment were mobilized to the site in order to complete remediation of the impacted area. Excavation activity commenced and excavation of the area impacted to 2 feet bgs. was completed.

On May 17, 2023, BDS emailed to the NMOCD a confirmation sampling notification that is referenced in Appendix VI.

On June 01, 2023, BDS personnel and equipment returned to the site in order to vertically advance the areas that remained above NMOCD Table 1 soil remediation standards for all analytes of concern. Field titration data was utilized to guide the excavation. Confirmation soil samples were retrieved on a composite basis. All soil samples were properly contained, preserved, and transported to Hall Laboratories for confirmation. The samples were analyzed for Chlorides (EPA Method 300), TPH (EPA Method 8015M), and BTEX (EPA Method 8021 B). The results are recapped in the following Table II. The full laboratory report is referenced in Appendix V.

Select Energy-Responsible
June 8, 2023

Table II

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	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	GRO + DRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1A	5/19/2023	2'	ND	ND	ND	ND	ND	0	ND
S-2A	5/19/2023	2'	ND	ND	ND	ND	ND	0	ND
S-3A	5/19/2023	2'	ND	ND	ND	ND	ND	0	ND
S-4A	5/19/2023	2'	ND	ND	ND	11	ND	11	ND
S-5A	5/19/2023	4.5'	ND	ND	ND	63	ND	63	ND
S-6A	5/19/2023	4.5'	ND	ND	ND	ND	ND	0	ND
S-7A	5/19/2023	4.5'	ND	ND	ND	9.3	ND	9.3	81
S-8A	5/19/2023	4.5'	ND	ND	ND	87	ND	87	65
S-9A	5/19/2023	4.5'	ND	ND	ND	91	63	154	71
	6/1/2023	5'	ND	ND	ND	10	ND	10	70
S-10A	5/19/2023	2'	ND	ND	ND	73	53	126	77
	6/1/2023	2.5'	ND	ND	ND	ND	ND	0	72
S-11A	5/19/2023	2'	ND	ND	ND	120	87	207	66
	6/1/2023	2.5'	ND	ND	ND	ND	ND	0	ND
S-12A	5/19/2023	2'	ND	ND	ND	36	ND	36	ND
S-13A	5/19/2023	2'	ND	ND	ND	13	ND	13	ND
S-14A	5/19/2023	2'	ND	ND	ND	130	86	216	ND
	6/1/2023	2.5'	ND	ND	ND	ND	ND	0	ND
S-15A	5/19/2023	2'	ND	ND	ND	150	96	246	ND
	6/1/2023	2.5'	ND	ND	ND	ND	ND	0	ND
S-16A	5/19/2023	2'	ND	ND	ND	13	ND	13	ND
S-17A	5/19/2023	2'	ND	ND	ND	48	ND	48	ND
S-18A	5/19/2023	2'	ND	ND	ND	140	84	224	ND
	6/1/2023	2.5'	ND	ND	ND	14	ND	14	ND
S-19A	5/19/2023	2'	ND	ND	ND	41	ND	41	ND
S-20A	5/19/2023	2'	ND	ND	ND	ND	ND	0	71
S-21A	5/19/2023	2'	ND	ND	ND	850	470	1320	290
	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
S-22A	5/19/2023	2'	ND	ND	ND	77	ND	77	ND
S-23A	5/19/2023	2'	ND	ND	ND	150	97	247	83
	6/1/2023	2.5'	ND	ND	ND	ND	ND	0	ND
S-24A	5/19/2023	2'	ND	ND	ND	74	ND	74	84
S-25A	5/19/2023	2'	ND	ND	ND	97	63	160	70
	6/1/2023	2.5'	ND	ND	ND	24	ND	24	ND
S-26A	5/19/2023	2'	ND	ND	ND	36	ND	36	64
S-27A	5/19/2023	2'	ND	ND	ND	400	200	600	180
	6/1/2023	3'	ND	ND	ND	18	ND	18	ND

Continued

Select Energy-Responsible
June 8, 2023

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	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	GRO + DRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-28A	5/19/2023	2'	ND	ND	ND	56	ND	56	ND
S-29A	5/19/2023	2'	ND	ND	ND	ND	ND	0	ND
S-30A	5/19/2023	2'	ND	ND	ND	60	ND	60	ND
S-31A	5/19/2023	1'	ND	ND	ND	68	ND	68	ND
S-32A	5/19/2023	1'	ND	ND	ND	74	50	124	82
	6/1/2023	1.5'	ND	ND	ND	23	ND	23	ND
S-33A	5/19/2023	1'	ND	ND	ND	12	ND	12	ND
S-34A	5/19/2023	1'	ND	ND	ND	15	ND	15	81
S-35A	5/19/2023	1'	ND	ND	ND	42	ND	42	ND
S-36A	5/19/2023	1'	ND	ND	ND	16	ND	16	ND
S-37A	5/19/2023	1'	ND	ND	ND	63	ND	63	ND
S-38A	5/19/2023	1'	ND	ND	ND	ND	ND	0	ND
S-39A	5/19/2023	1'	ND	ND	ND	18	ND	18	ND
S-40A	5/19/2023	1'	ND	ND	ND	140	91	231	ND
	6/1/2023	1.5'	ND	ND	ND	14	ND	14	ND
S-41A	5/19/2023	1'	ND	ND	ND	33	ND	33	ND
S42A	5/19/2023	1'	ND	ND	ND	19	ND	19	ND
S-43A	5/19/2023	1'	ND	ND	ND	ND	ND	0	ND
S-44A	5/19/2023	1'	ND	ND	ND	ND	ND	0	ND
SW-1A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-2A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-3A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-4A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-5A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-6A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-7A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-8A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-9A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-10A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-11A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-12A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-13A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-14A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-15A	5/19/2023		ND	ND	ND	ND	ND	0	ND
SW-16A	5/19/2023		ND	ND	ND	ND	ND	0	ND
BG-N	5/19/2023	0'	ND	ND	ND	ND	ND	0	ND
BG-E	5/19/2023	0'	ND	ND	ND	11	ND	11	ND

Scope of Work

- The following areas were excavated vertically from 1foot bgs, to a depth of 1.5 feet: S31A through S44A.
- The following areas were excavated vertically from 2 feet bgs. to a depth of 2.5 feet bgs, S1A-S4A, S10A-S20A, S22A-S26A, and S28A through S30A.
- The areas of S21A and S 27A were excavated to a depth of 3 feet.
- The remaining areas were excavated from a depth of 4 feet to 5 feet bgs.
- The sidewalls were advanced horizontally to the extent that they confirmed analyte levels were achieved in accordance with NMOCD Table I soil clean- up levels.
- The excavated soil was transported to Lea Landfill, an NMOCD approved facility for disposal.
- The Teague State No. 2 excavated area was backfilled with clean caliche obtained from Lea Landfill, and the pad area restored to grade.

Conclusion

Based on the above confirmation of field analysis; the excavated area was backfilled with fresh clean caliche, compacted and the pad area returned to grade. All impacted soils were removed to an NMOCD approved facility. Therefore BDS Enterprise, respectfully submits this closure report for your consideration and approval. And, requests that the regulatory file for this incident be closed.

Appendix I

NMOCD

C-141

Received
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	NAPP2305552333
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party SCO Permian, LLC	OGRID 330782
Contact Name Jack Tarkington	Contact Telephone 405-833-3777
Contact email Jttarkington@gmail.com	Incident # *(assigned by OCD)* nAPP2305552333
Contact mailing address 5723 NW 132nd Street, Oklahoma City, OK 73142	

Location of Release Source

Latitude 32.3035496N_____ Longitude -103.1689982W_____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Teague 16 State No. 2	Site Type Wellsite
Date Release Discovered 02/20/2023	API# *(if applicable)* 30-025-50227

Unit Letter	Section	Township	Range	County
K	16	23S	37E	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) 10	Volume Recovered (bbls) 9
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride 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

Water hauling company loading water from the frac tank turned the valve to move the water but did not turn the valve back to its original position before leaving location causing the frac tank to overflow.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305382333
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible 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: Ron Bliss Title: V.P. Land

Signature: R. Bliss Date: 3-2-2023

email: RiBliss@stonecreekenergy.com Telephone: 214-912-7090

OCD Only

Received by: Jocelyn Harimon Date: 03/02/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305532333
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	95 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305552333
District RP	
Facility ID	
Application ID	

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

Printed Name: Ron Bliss Title: VP Land

Signature: R. Bliss Date: 7-3-2023

email: Ribliss@stonecreekenergy.com Telephone: 214-912-7090

OCD Only

Received by: Shelly Wells Date: 7/7/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305552333
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Ron Bliss Title: VP Land

Signature: [signature] Date: 7-3-2023

email: Ribliss@stonecreekenergy.com Telephone: 214-912-7090

OCD Only

Received by: Shelly Wells Date: 7/7/2023

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [x] Denied
- [ ] Deferral Approved

Signature: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305552333
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

[x] Description of remediation activities

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

Printed Name: Ron Bliss Title: VP Land

Signature: [signature] Date: 7-3-2023

email: Ribliss@stonecreekenergy.com Telephone: 214-912-7090

OCD Only

Received by: Shelly Wells Date: 7/7/2023

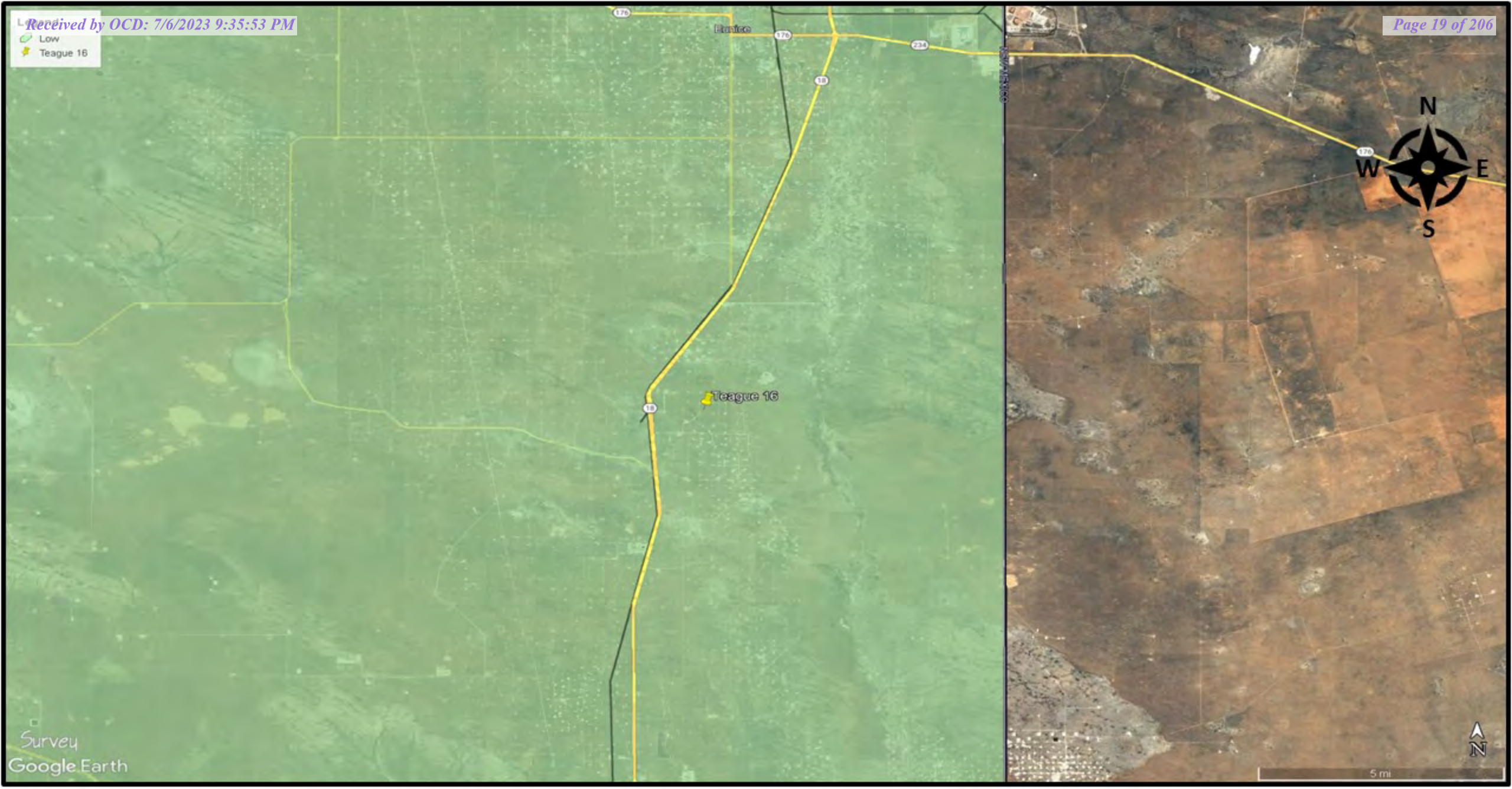
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix II

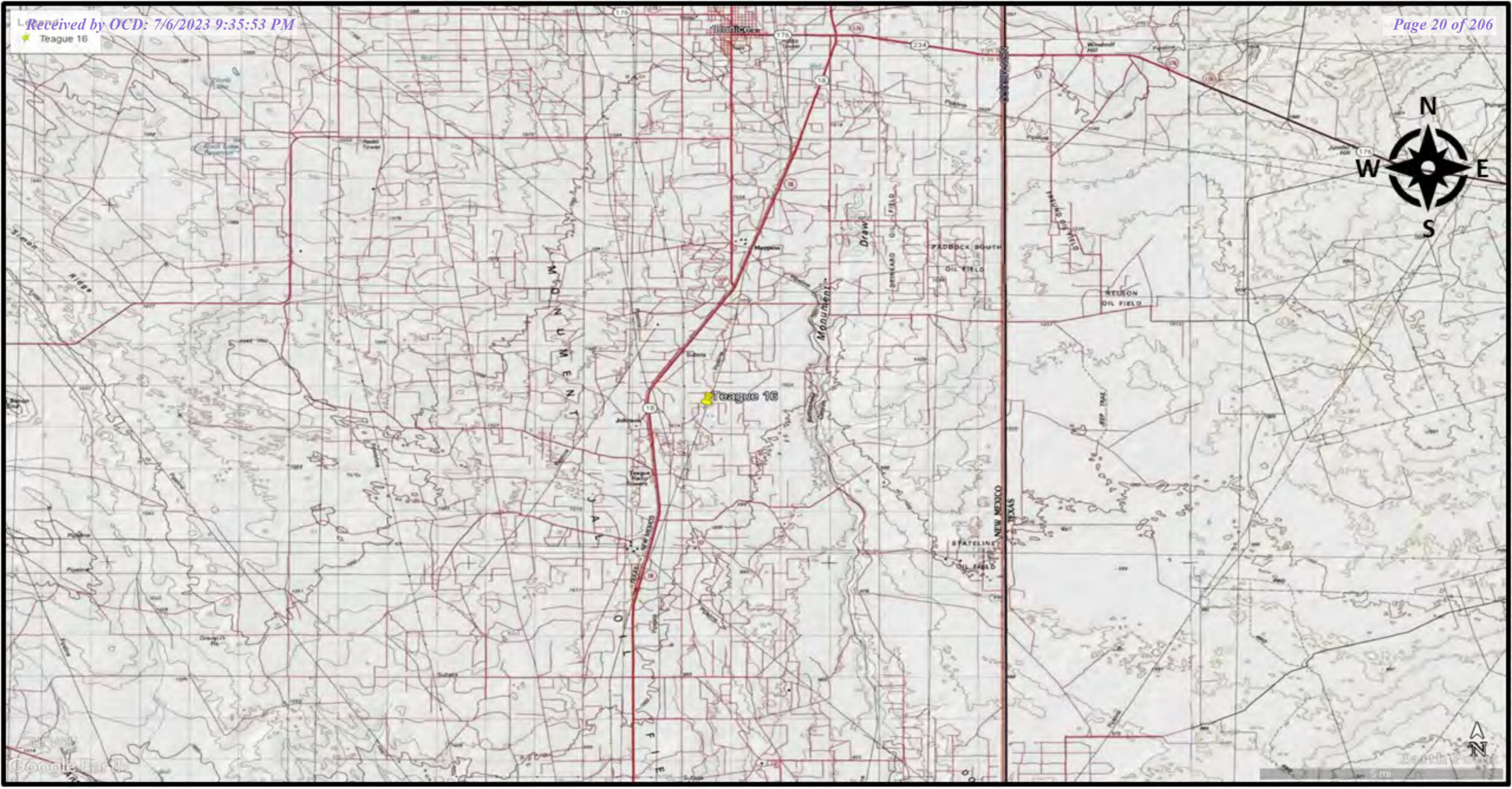
Site Maps



Select Energy
Teague 16

Lea County, NM

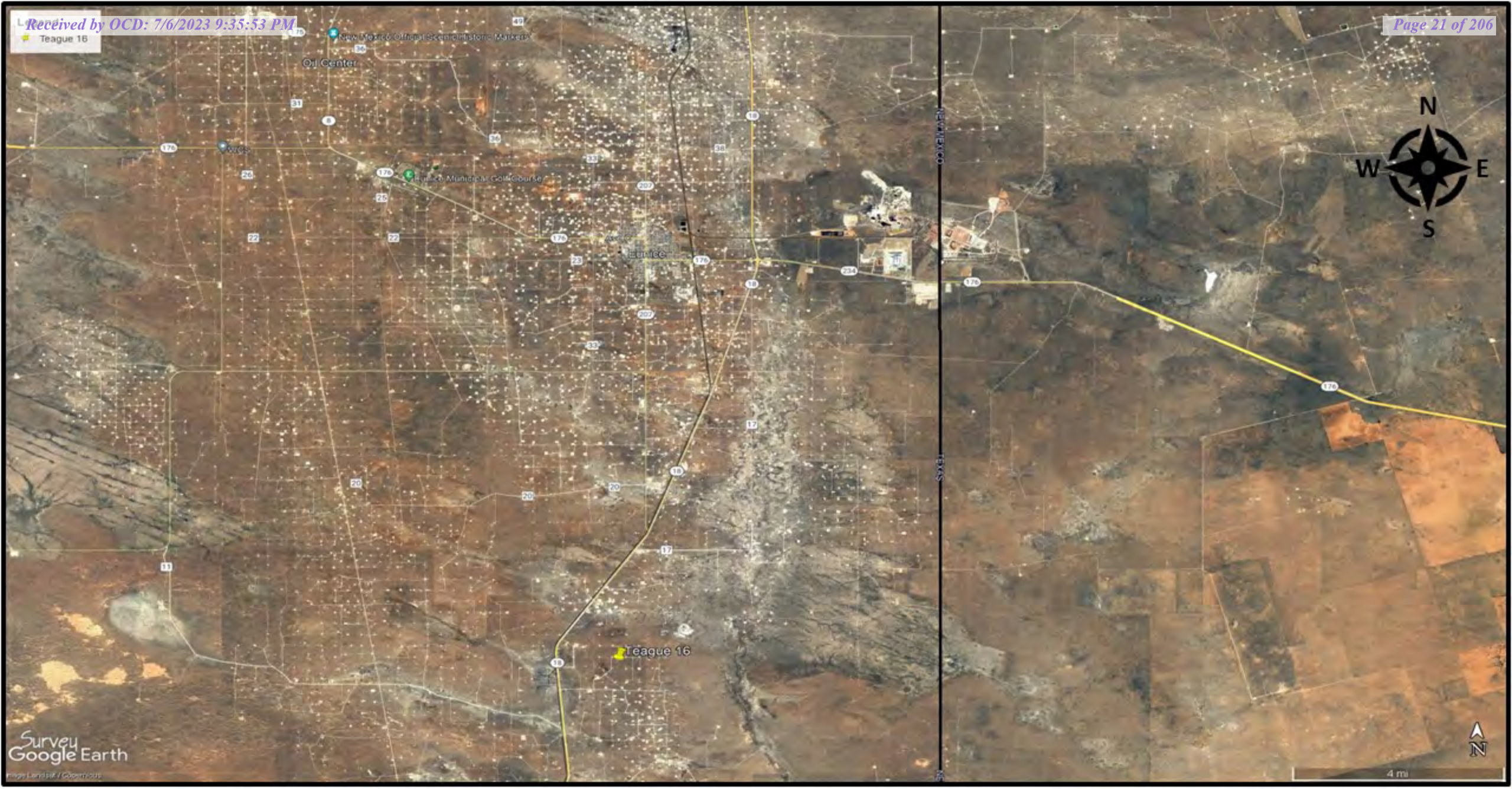
Karst Map



Select Energy
Teague 16

Lea County, NM

Topographic Map



Select Energy
Teague 16

Lea County, NM

Location Map

Select Energy
Teague 16

Lea County, NM

Site Assessment Map

Select Energy
Teague 16

Lea County, NM

Confirmation Map

Appendix III

Groundwater Data, Soil Survey, & Wetlands 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
CP 00423		CP	LE		3	4	16	23S	37E	672702	3575050*	632	175	115	60
CP 00374 POD1		CP	LE		2	1	20	23S	37E	670702	3574615*	1960	110		
CP 01702 POD1		CP	LE	2	1	1	20	23S	37E	670367	3574794	2182			
CP 01749 POD1		CP	LE	4	1	1	20	23S	37E	670434	3574468	2266			
CP 00375 POD1		CP	LE		4	4	21	23S	37E	673133	3573448*	2277	160		
CP 00762		CP	LE		1	1	09	23S	37E	671849	3577854*	2316	185	100	85
CP 00373 POD1		CP	LE		2	2	08	23S	37E	671449	3577847*	2435	150		
CP 01005 POD1		CP	LE	3	4	2	10	23S	37E	674560	3577487	2870	95		
CP 00816		CP	LE			3	04	23S	37E	672043	3578457*	2875	250		
CP 00480 POD1		CP	LE		3	4	22	23S	37E	674340	3573467*	2888	6281	600	5681

Average Depth to Water: **271 feet**
Minimum Depth: **100 feet**
Maximum Depth: **600 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 672394.97 **Northing (Y):** 3575602.75 **Radius:** 3000

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

4/11/23 11:44 AM WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01005 POD1	3	4	2	10	23S	37E	674560	3577487

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

Driller License:	1044	**Driller Company:**	EADES WELL DRILLING & PUMP SERVICE		
Driller Name:	EADES, ALAN				
Drill Start Date:	07/16/2009	**Drill Finish Date:**	07/16/2009	**Plug Date:**	
Log File Date:	07/29/2009	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.14	**Depth Well:**	95 feet	**Depth Water:**	

Water Bearing Stratifications:	Top	Bottom	Description
	50	74	Sandstone/Gravel/Conglomerate
	74	90	Sandstone/Gravel/Conglomerate

United States Department of Agriculture

NRCS

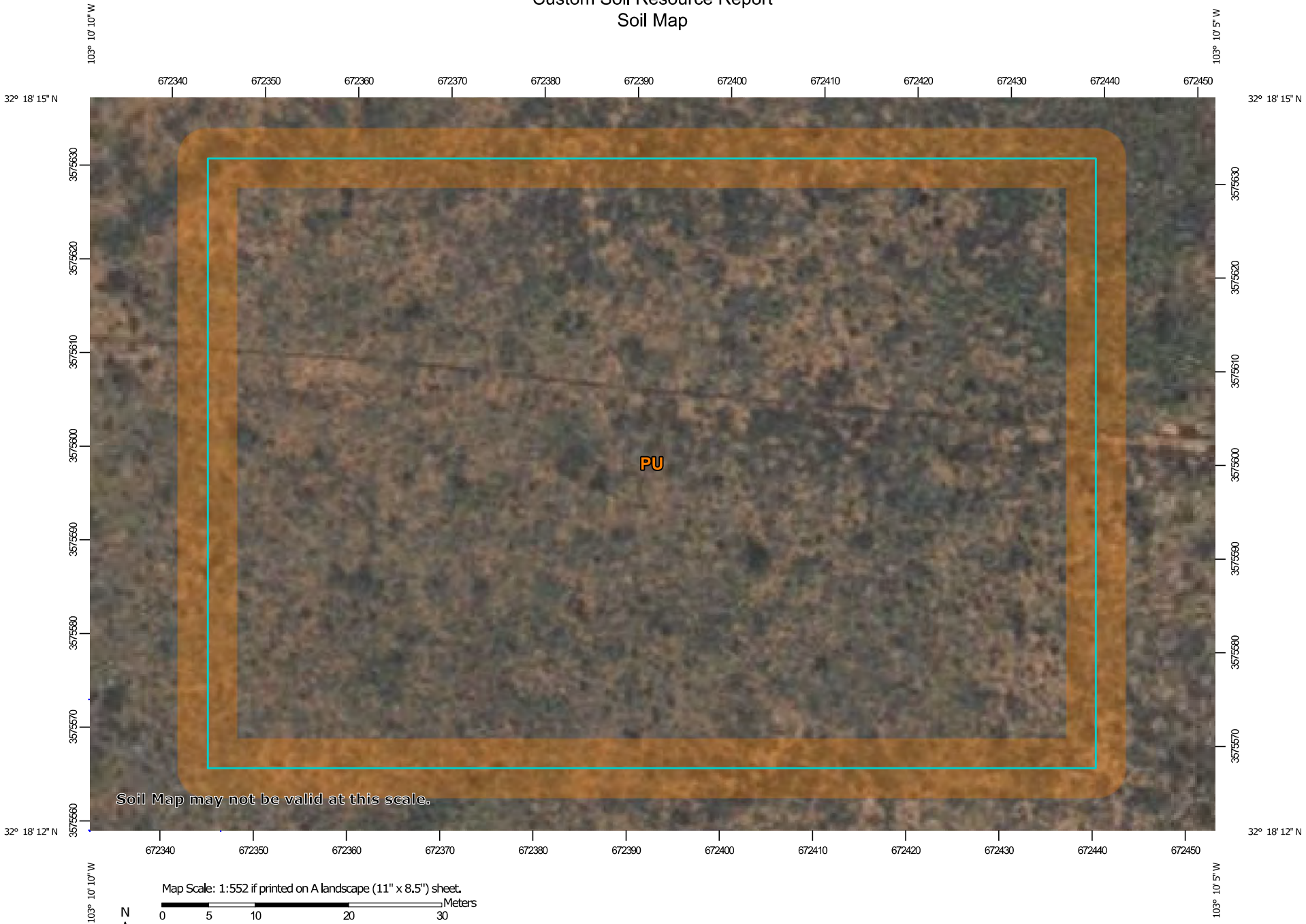
Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

April 11, 2023

Custom Soil Resource Report
Soil Map



Map Scale: 1:552 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

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

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

Date(s) aerial images were photographed: Jan 18, 2020—Feb 17, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

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

Map Unit Composition

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

Description of Pyote

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

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

Typical profile

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

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

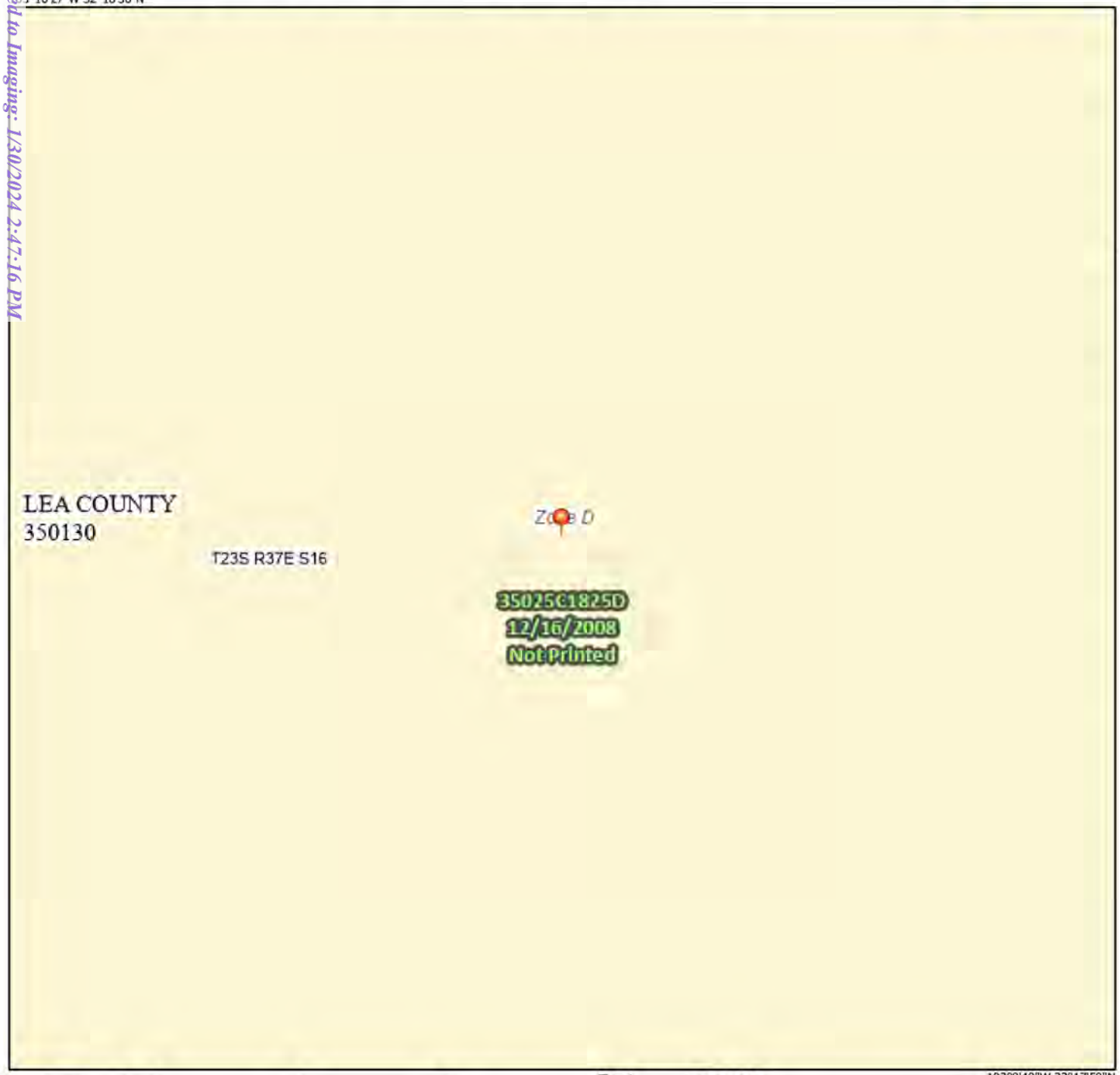
Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

National Flood Hazard Layer FIRMette

FEMA



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, A
  - 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
  - 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
  - 513 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 4/11/2023 at 1:53 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.

Appendix IV

Photographic Documentation

Select Energy
Teague 16

Aerial Photograph of impacted area

Aerial photograph of impacted area.

Aerial of excavation.

Aerial of Excatvation.

Select Energy
Teague 16

Backfill to grade, view west.

Backfill to grade, view north.

Appendix V

Laboratory Data

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Teague 16

Project Number: 23-0105-02

Location: New Mexico

Lab Order Number: 3C21003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/30/23

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1 @ 1'	3C21003-01	Soil	03/17/23 10:00	03-21-2023 08:30
S-1 @ 3'	3C21003-02	Soil	03/17/23 10:05	03-21-2023 08:30
S-1 @ 5'	3C21003-03	Soil	03/17/23 10:10	03-21-2023 08:30
S-2 @ 1'	3C21003-04	Soil	03/17/23 10:30	03-21-2023 08:30
S-2 @ 3'	3C21003-05	Soil	03/17/23 10:35	03-21-2023 08:30
S-2 @ 5'	3C21003-06	Soil	03/17/23 10:40	03-21-2023 08:30
S-3 @ 1'	3C21003-07	Soil	03/17/23 11:15	03-21-2023 08:30
S-3 @ 3'	3C21003-08	Soil	03/17/23 11:20	03-21-2023 08:30
S-3 @ 5'	3C21003-09	Soil	03/17/23 11:25	03-21-2023 08:30
S-5 @ 1'	3C21003-10	Soil	03/17/23 11:30	03-21-2023 08:30
S-5 @ 3'	3C21003-11	Soil	03/17/23 11:35	03-21-2023 08:30
S-5 @ 5'	3C21003-12	Soil	03/17/23 11:40	03-21-2023 08:30
S-7 @ 1'	3C21003-13	Soil	03/17/23 11:55	03-21-2023 08:30
S-7 @ 3'	3C21003-14	Soil	03/17/23 11:45	03-21-2023 08:30
S-7 @ 5'	3C21003-15	Soil	03/17/23 11:50	03-21-2023 08:30
S-9 @ 1'	3C21003-16	Soil	03/17/23 12:15	03-21-2023 08:30
S-9 @ 3'	3C21003-17	Soil	03/17/23 12:20	03-21-2023 08:30
S-9 @ 5'	3C21003-18	Soil	03/17/23 12:25	03-21-2023 08:30
S-10 @ 1'	3C21003-19	Soil	03/20/23 10:00	03-21-2023 08:30
S-10 @ 3'	3C21003-20	Soil	03/20/23 10:15	03-21-2023 08:30
S-10 @ 5'	3C21003-21	Soil	03/20/23 10:30	03-21-2023 08:30
S-11 @ 1'	3C21003-22	Soil	03/20/23 10:45	03-21-2023 08:30
S-11 @ 3'	3C21003-23	Soil	03/20/23 11:00	03-21-2023 08:30
S-11 @ 5'	3C21003-24	Soil	03/20/23 11:15	03-21-2023 08:30
S-12 @ 1'	3C21003-25	Soil	03/20/23 11:30	03-21-2023 08:30
S-12 @ 3'	3C21003-26	Soil	03/20/23 11:45	03-21-2023 08:30
S-12 @ 5'	3C21003-27	Soil	03/20/23 12:00	03-21-2023 08:30
S-13 @ 1'	3C21003-28	Soil	03/20/23 12:15	03-21-2023 08:30
S-13 @ 3'	3C21003-29	Soil	03/20/23 12:30	03-21-2023 08:30
S-13 @ 5'	3C21003-30	Soil	03/20/23 12:45	03-21-2023 08:30
S-18 @ 1'	3C21003-31	Soil	03/20/23 13:00	03-21-2023 08:30
S-18 @ 3'	3C21003-32	Soil	03/20/23 13:15	03-21-2023 08:30
S-18 @ 5'	3C21003-33	Soil	03/20/23 13:30	03-21-2023 08:30

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-1 @ 1'

3C21003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.0223**	0.00106	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:08	EPA 8021B	
Toluene	**5.81**	0.106	mg/kg dry	100	P3C2104	03/21/23 09:46	03/22/23 09:55	EPA 8021B	
Ethylbenzene	**21.8**	0.106	mg/kg dry	100	P3C2104	03/21/23 09:46	03/22/23 09:55	EPA 8021B	
Xylene (p/m)	**28.8**	0.213	mg/kg dry	100	P3C2104	03/21/23 09:46	03/22/23 09:55	EPA 8021B	
Xylene (o)	**11.7**	0.106	mg/kg dry	100	P3C2104	03/21/23 09:46	03/22/23 09:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 09:55*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*82.8 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 09:55*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1340**	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 20:09	TPH 8015M	
>C12-C28	**4500**	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 20:09	TPH 8015M	
>C28-C35	**576**	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 20:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 20:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*147 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 20:09*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**6420**	532	mg/kg dry	20	[CALC]	03/22/23 12:45	03/25/23 20:09	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**360**	1.06	mg/kg dry	1	P3C2214	03/22/23 14:00	03/23/23 03:28	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-1 @ 3'

3C21003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:29	EPA 8021B	
Toluene	**0.00106**	0.00103	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:29	EPA 8021B	
Ethylbenzene	**0.00182**	0.00103	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:29	EPA 8021B	
Xylene (p/m)	**0.00223**	0.00206	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:29	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 05:29*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 05:29*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 20:54	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 20:54	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 20:54	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 20:54*	*TPH 8015M*	
Surrogate: o-Terphenyl		*130 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 20:54*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/22/23 12:45	03/25/23 20:54	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.4**	1.03	mg/kg dry	1	P3C2214	03/22/23 14:00	03/23/23 03:42	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-1 @ 5'

3C21003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:50	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:50	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:50	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:50	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 05:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 05:50*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.7 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 05:50*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:00	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:00	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/22/23 12:45	03/25/23 22:00	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**59.1**	1.10	mg/kg dry	1	P3C2214	03/22/23 14:00	03/23/23 03:56	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-2 @ 1'

3C21003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 06:11	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 06:11	EPA 8021B	
Ethylbenzene	**0.00190**	0.00104	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 06:11	EPA 8021B	
Xylene (p/m)	**0.00706**	0.00208	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 06:11	EPA 8021B	
Xylene (o)	**0.00503**	0.00104	mg/kg dry	1	P3C2104	03/21/23 09:46	03/22/23 06:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.5 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 06:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*121 %*	*80-120*		*P3C2104*	*03/21/23 09:46*	*03/22/23 06:11*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:23	TPH 8015M	
>C12-C28	**136**	26.0	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:23	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*125 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**136**	26.0	mg/kg dry	1	[CALC]	03/22/23 12:45	03/25/23 22:23	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.8**	1.04	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 22:43	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-2 @ 3'

3C21003-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 13:43	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 13:43	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 13:43	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 13:43	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 13:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 13:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.6 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 13:43*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:45	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:45	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 22:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*125 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 22:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/22/23 12:45	03/25/23 22:45	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**37.4**	1.03	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 14:07	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-2 @ 5'

3C21003-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:03	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:03	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:03	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:03	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 14:03*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 14:03*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 23:08	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 23:08	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P3C2211	03/22/23 12:45	03/25/23 23:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 23:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 23:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/22/23 12:45	03/25/23 23:08	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.9**	1.02	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 14:50	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-3 @ 1'

3C21003-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00579**	0.00106	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:24	EPA 8021B	
Toluene	**1.08**	0.106	mg/kg dry	100	P3C2204	03/22/23 10:37	03/23/23 10:52	EPA 8021B	
Ethylbenzene	**7.23**	0.106	mg/kg dry	100	P3C2204	03/22/23 10:37	03/23/23 10:52	EPA 8021B	
Xylene (p/m)	**15.1**	0.213	mg/kg dry	100	P3C2204	03/22/23 10:37	03/23/23 10:52	EPA 8021B	
Xylene (o)	**5.81**	0.106	mg/kg dry	100	P3C2204	03/22/23 10:37	03/23/23 10:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.1 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 10:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 10:52*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**884**	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 23:30	TPH 8015M	
>C12-C28	**3230**	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 23:30	TPH 8015M	
>C28-C35	ND	532	mg/kg dry	20	P3C2211	03/22/23 12:45	03/25/23 23:30	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 23:30*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/25/23 23:30*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**4110**	532	mg/kg dry	20	[CALC]	03/22/23 12:45	03/25/23 23:30	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**85.3**	1.06	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 15:04	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-3 @ 3'

3C21003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:45	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:45	EPA 8021B	
Ethylbenzene	**0.00121**	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:45	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:45	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 14:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 14:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.4 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 14:45*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:15	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:15	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:15	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 00:15*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 00:15*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/22/23 12:45	03/26/23 00:15	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.3**	1.03	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 15:19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-3 @ 5'

3C21003-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:05	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:05	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:05	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:05	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 15:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 15:05*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:37	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:37	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 00:37	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.2 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 00:37*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 00:37*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/22/23 12:45	03/26/23 00:37	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.51**	1.03	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 15:33	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-5 @ 1'

3C21003-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	**0.0370**	0.00104	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:26	EPA 8021B	
Toluene	**0.329**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:13	EPA 8021B	
Ethylbenzene	**4.05**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:13	EPA 8021B	
Xylene (p/m)	**6.70**	0.0417	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:13	EPA 8021B	
Xylene (o)	**3.00**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 11:13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 11:13*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**677**	130	mg/kg dry	5	P3C2211	03/22/23 12:45	03/26/23 23:45	TPH 8015M	
>C12-C28	**2000**	130	mg/kg dry	5	P3C2211	03/22/23 12:45	03/26/23 23:45	TPH 8015M	
>C28-C35	**336**	130	mg/kg dry	5	P3C2211	03/22/23 12:45	03/26/23 23:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*124 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 23:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*141 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 23:45*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**3010**	130	mg/kg dry	5	[CALC]	03/22/23 12:45	03/26/23 23:45	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**43.8**	1.04	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 15:47	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-5 @ 3'

3C21003-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:47	EPA 8021B	
Toluene	**0.00333**	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:47	EPA 8021B	
Ethylbenzene	**0.00258**	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:47	EPA 8021B	
Xylene (p/m)	**0.00503**	0.00217	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:47	EPA 8021B	
Xylene (o)	**0.00261**	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 15:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 15:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 15:47*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:22	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:22	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:22	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 01:22*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 01:22*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/22/23 12:45	03/26/23 01:22	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**40.4**	1.09	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 16:02	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-5 @ 5'

3C21003-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:07	EPA 8021B	
Toluene	**0.00262**	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:07	EPA 8021B	
Ethylbenzene	**0.00157**	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:07	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:07	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 16:07*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 16:07*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:45	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:45	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C2211	03/22/23 12:45	03/26/23 01:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 01:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P3C2211*	*03/22/23 12:45*	*03/26/23 01:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/22/23 12:45	03/26/23 01:45	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.21**	1.05	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 16:16	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-7 @ 1'

3C21003-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:28	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:28	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:28	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:28	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 16:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 16:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.4 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 16:28*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:03	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:03	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.1 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/22/23 13:15	03/25/23 01:03	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**41.7**	1.06	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 16:30	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-7 @ 3'

3C21003-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00119	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:30	EPA 8021B	
Toluene	**0.00523**	0.00119	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:30	EPA 8021B	
Ethylbenzene	**0.00449**	0.00119	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:30	EPA 8021B	
Xylene (p/m)	**0.00489**	0.00238	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:30	EPA 8021B	
Xylene (o)	**0.00187**	0.00119	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 17:30*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.4 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 17:30*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:31	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:31	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P3C2212	03/22/23 13:15	03/25/23 01:31	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.6 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:31*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:31*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	03/22/23 13:15	03/25/23 01:31	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**99.7**	1.19	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 16:45	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-7 @ 5'

3C21003-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.0385**	0.00104	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 17:51	EPA 8021B	
Toluene	**2.62**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:33	EPA 8021B	
Ethylbenzene	**8.08**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:33	EPA 8021B	
Xylene (p/m)	**12.9**	0.0417	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:33	EPA 8021B	
Xylene (o)	**6.81**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*82.3 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 11:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 11:33*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1910**	521	mg/kg dry	20	P3C2212	03/22/23 13:15	03/25/23 01:59	TPH 8015M	
>C12-C28	**4780**	521	mg/kg dry	20	P3C2212	03/22/23 13:15	03/25/23 01:59	TPH 8015M	
>C28-C35	**853**	521	mg/kg dry	20	P3C2212	03/22/23 13:15	03/25/23 01:59	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:59*	*TPH 8015M*	
Surrogate: o-Terphenyl		*132 %*	*70-130*		*P3C2212*	*03/22/23 13:15*	*03/25/23 01:59*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**7540**	521	mg/kg dry	20	[CALC]	03/22/23 13:15	03/25/23 01:59	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**198**	1.04	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 17:28	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-9 @ 1'

3C21003-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.0316**	0.00108	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:11	EPA 8021B	
Toluene	**6.21**	0.0215	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 11:54	EPA 8021B	
Ethylbenzene	**20.1**	0.0538	mg/kg dry	50	P3C2204	03/22/23 10:37	03/23/23 13:37	EPA 8021B	
Xylene (p/m)	**27.3**	0.108	mg/kg dry	50	P3C2204	03/22/23 10:37	03/23/23 13:37	EPA 8021B	
Xylene (o)	**14.4**	0.0538	mg/kg dry	50	P3C2204	03/22/23 10:37	03/23/23 13:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 13:37*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.2 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 13:37*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**2500**	538	mg/kg dry	20	P3C2213	03/22/23 14:00	03/25/23 05:47	TPH 8015M	
>C12-C28	**8860**	538	mg/kg dry	20	P3C2213	03/22/23 14:00	03/25/23 05:47	TPH 8015M	
>C28-C35	**1970**	538	mg/kg dry	20	P3C2213	03/22/23 14:00	03/25/23 05:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 05:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 05:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**13300**	538	mg/kg dry	20	[CALC]	03/22/23 14:00	03/25/23 05:47	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2130**	1.08	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 18:11	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-9 @ 3'

3C21003-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:32	EPA 8021B	
Toluene	**0.00162**	0.00108	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:32	EPA 8021B	
Ethylbenzene	**0.00262**	0.00108	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:32	EPA 8021B	
Xylene (p/m)	**0.00346**	0.00215	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:32	EPA 8021B	
Xylene (o)	**0.00111**	0.00108	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.9 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 18:32*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 18:32*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 06:42	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 06:42	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 06:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.9 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 06:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 06:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 06:42	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1730**	1.08	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 18:25	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-9 @ 5'

3C21003-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:53	EPA 8021B	
Toluene	**0.00186**	0.00111	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:53	EPA 8021B	
Ethylbenzene	**0.00189**	0.00111	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:53	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:53	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 18:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 18:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 18:53*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 07:10	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 07:10	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 07:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.7 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 07:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 07:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 07:10	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**133**	1.11	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 18:39	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 @ 1'

3C21003-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00727**	0.00103	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:13	EPA 8021B	
Toluene	**1.06**	0.0206	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:15	EPA 8021B	
Ethylbenzene	**7.51**	0.0206	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:15	EPA 8021B	
Xylene (p/m)	**12.2**	0.0412	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:15	EPA 8021B	
Xylene (o)	**7.12**	0.0206	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.4 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 12:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 12:15*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**525**	258	mg/kg dry	10	P3C2213	03/22/23 14:00	03/25/23 07:39	TPH 8015M	
>C12-C28	**1420**	258	mg/kg dry	10	P3C2213	03/22/23 14:00	03/25/23 07:39	TPH 8015M	
>C28-C35	ND	258	mg/kg dry	10	P3C2213	03/22/23 14:00	03/25/23 07:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 07:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 07:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1950**	258	mg/kg dry	10	[CALC]	03/22/23 14:00	03/25/23 07:39	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.8**	1.03	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 18:54	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 @ 3'

3C21003-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:34	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:34	EPA 8021B	
Ethylbenzene	**0.00129**	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:34	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:34	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 19:34*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 19:34*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:07	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:07	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:07	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.5 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 08:07*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 08:07*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 08:07	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.3**	1.09	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 19:08	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 @ 5'

3C21003-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:54	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:54	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:54	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:54	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 19:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.1 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 19:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 19:54*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:35	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:35	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 08:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.5 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 08:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 08:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 08:35	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.7**	1.12	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 19:22	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-11 @ 1'

3C21003-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00344**	0.00104	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:15	EPA 8021B	
Toluene	**1.40**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:35	EPA 8021B	
Ethylbenzene	**6.30**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:35	EPA 8021B	
Xylene (p/m)	**8.32**	0.0417	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:35	EPA 8021B	
Xylene (o)	**4.74**	0.0208	mg/kg dry	20	P3C2204	03/22/23 10:37	03/23/23 12:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 12:35*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/23/23 12:35*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**963**	130	mg/kg dry	5	P3C2213	03/22/23 14:00	03/25/23 09:03	TPH 8015M	
>C12-C28	**4740**	130	mg/kg dry	5	P3C2213	03/22/23 14:00	03/25/23 09:03	TPH 8015M	
>C28-C35	ND	130	mg/kg dry	5	P3C2213	03/22/23 14:00	03/25/23 09:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 09:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 09:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**5710**	130	mg/kg dry	5	[CALC]	03/22/23 14:00	03/25/23 09:03	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1590**	1.04	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 19:37	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-11 @ 3'

3C21003-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:35	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:35	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:35	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:35	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C2204	03/22/23 10:37	03/22/23 20:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 20:35*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.8 %*	*80-120*		*P3C2204*	*03/22/23 10:37*	*03/22/23 20:35*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 09:32	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 09:32	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 09:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 09:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 09:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 09:32	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2310**	1.05	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 19:51	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-11 @ 5'

3C21003-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:38	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:38	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:38	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:38	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.2 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/22/23 23:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/22/23 23:38*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 10:00	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 10:00	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 10:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.2 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 10:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 10:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 10:00	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1800**	1.10	mg/kg dry	1	P3C2303	03/23/23 10:00	03/23/23 20:06	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-12 @ 1'

3C21003-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00229**	0.00104	mg/kg dry	1	P3C2207	03/22/23 13:22	03/22/23 23:58	EPA 8021B	
Toluene	**0.251**	0.0208	mg/kg dry	20	P3C2207	03/22/23 13:22	03/23/23 12:56	EPA 8021B	
Ethylbenzene	**3.74**	0.0208	mg/kg dry	20	P3C2207	03/22/23 13:22	03/23/23 12:56	EPA 8021B	
Xylene (p/m)	**5.65**	0.0417	mg/kg dry	20	P3C2207	03/22/23 13:22	03/23/23 12:56	EPA 8021B	
Xylene (o)	**2.73**	0.0208	mg/kg dry	20	P3C2207	03/22/23 13:22	03/23/23 12:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.6 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 12:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*91.7 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 12:56*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**387**	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/26/23 14:01	TPH 8015M	
>C12-C28	**1350**	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/26/23 14:01	TPH 8015M	
>C28-C35	**216**	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/26/23 14:01	TPH 8015M	
Surrogate: 1-Chlorooctane		*125 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/26/23 14:01*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/26/23 14:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1950**	26.0	mg/kg dry	1	[CALC]	03/22/23 14:00	03/26/23 14:01	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**169**	1.04	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 22:57	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-12 @ 3'

3C21003-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:18	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:18	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:18	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:18	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.2 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:18*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 11:51	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 11:51	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 11:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.9 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 11:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 11:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 11:51	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**195**	1.03	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 23:12	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-12 @ 5'

3C21003-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:39	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:39	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:39	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:39	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.0 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:39*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:39*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:17	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:17	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:17	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 12:17*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 12:17*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 12:17	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**158**	1.14	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 23:26	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 @ 1'

3C21003-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:59	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:59	EPA 8021B	
Ethylbenzene	**0.00156**	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:59	EPA 8021B	
Xylene (p/m)	**0.00698**	0.00206	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:59	EPA 8021B	
Xylene (o)	**0.00279**	0.00103	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 00:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.7 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 00:59*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.4**	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:43	TPH 8015M	
>C12-C28	**356**	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:43	TPH 8015M	
>C28-C35	**52.0**	25.8	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 12:43	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 12:43*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 12:43*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**440**	25.8	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 12:43	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.3**	1.03	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 23:40	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 @ 3'

3C21003-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:19	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:19	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:19	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:19	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 01:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 01:19*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:09	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:09	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 13:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 13:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 13:09	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.7**	1.04	mg/kg dry	1	P3C2304	03/23/23 16:14	03/23/23 23:54	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 @ 5'

3C21003-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:40	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:40	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:40	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:40	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 01:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 01:40*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 01:40*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:34	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:34	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 13:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.5 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 13:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.9 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 13:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 13:34	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.2**	1.08	mg/kg dry	1	P3C2304	03/23/23 16:14	03/24/23 00:09	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-18 @ 1'

3C21003-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:00	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:00	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:00	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:00	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 02:00*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 02:00*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:00	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:00	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.7 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 14:00	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2080**	1.02	mg/kg dry	1	P3C2304	03/23/23 16:14	03/24/23 00:51	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-18 @ 3'

3C21003-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 02:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.8 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 02:21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 02:21*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:25	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:25	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:25	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:25*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:25*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 14:25	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.72**	1.01	mg/kg dry	1	P3C2304	03/23/23 16:14	03/24/23 01:34	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

S-18 @ 5'

3C21003-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 03:23	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 03:23	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 03:23	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 03:23	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C2207	03/22/23 13:22	03/23/23 03:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 03:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.5 %*	*80-120*		*P3C2207*	*03/22/23 13:22*	*03/23/23 03:23*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:51	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:51	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C2213	03/22/23 14:00	03/25/23 14:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.3 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P3C2213*	*03/22/23 14:00*	*03/25/23 14:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/22/23 14:00	03/25/23 14:51	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.98**	1.05	mg/kg dry	1	P3C2304	03/23/23 16:14	03/24/23 01:48	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C2205	03/22/23 10:40	03/22/23 11:01	ASTM D2216	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2104 - * DEFAULT PREP *** **										
Blank (P3C2104-BLK1)				Prepared & Analyzed: 03/21/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
LCS (P3C2104-BS1)				Prepared & Analyzed: 03/21/23						
Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.0985	0.00100	"	0.100		98.5	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.3	80-120			
Xylene (o)	0.0948	0.00100	"	0.100		94.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.8*	*80-120*			
LCS Dup (P3C2104-BSD1)				Prepared & Analyzed: 03/21/23						
Benzene	0.0927	0.00100	mg/kg	0.100		92.7	80-120	9.75	20	
Toluene	0.0890	0.00100	"	0.100		89.0	80-120	10.1	20	
Ethylbenzene	0.0905	0.00100	"	0.100		90.5	80-120	10.5	20	
Xylene (p/m)	0.160	0.00200	"	0.200		80.1	80-120	9.74	20	
Xylene (o)	0.0854	0.00100	"	0.100		85.4	80-120	10.4	20	
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Calibration Blank (P3C2104-CCB1)				Prepared & Analyzed: 03/21/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2104 - * DEFAULT PREP *** **										
Calibration Blank (P3C2104-CCB2)				Prepared: 03/21/23 Analyzed: 03/22/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*80-120*			
Calibration Check (P3C2104-CCV1)				Prepared & Analyzed: 03/21/23						
Benzene	0.108	0.00100	mg/kg	0.100		108	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.2	80-120			
Xylene (o)	0.0990	0.00100	"	0.100		99.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*75-125*			
Calibration Check (P3C2104-CCV2)				Prepared: 03/21/23 Analyzed: 03/22/23						
Benzene	0.103	0.00100	mg/kg	0.100		103	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.7	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Calibration Check (P3C2104-CCV3)				Prepared: 03/21/23 Analyzed: 03/22/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0972	0.00100	"	0.100		97.2	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.2	80-120			
Xylene (o)	0.0967	0.00100	"	0.100		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2104 - * DEFAULT PREP *** **										
Matrix Spike (P3C2104-MS1)	**Source: 3C17002-36**			Prepared: 03/21/23 Analyzed: 03/22/23						
Benzene	0.0701	0.00133	mg/kg dry	0.133	ND	52.6	80-120			
Toluene	0.0735	0.00133	"	0.133	ND	55.1	80-120			
Ethylbenzene	0.0881	0.00133	"	0.133	ND	66.1	80-120			
Xylene (p/m)	0.154	0.00267	"	0.267	ND	57.6	80-120			
Xylene (o)	0.0766	0.00133	"	0.133	ND	57.4	80-120			
Surrogate: 1,4-Difluorobenzene	*0.152*		"	*0.160*		*95.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.174*		"	*0.160*		*109*	*80-120*			
Matrix Spike Dup (P3C2104-MSD1)	**Source: 3C17002-36**			Prepared: 03/21/23 Analyzed: 03/22/23						
Benzene	0.0928	0.00133	mg/kg dry	0.133	ND	69.6	80-120	28.0	20	
Toluene	0.0925	0.00133	"	0.133	ND	69.3	80-120	22.9	20	
Ethylbenzene	0.102	0.00133	"	0.133	ND	76.1	80-120	14.1	20	
Xylene (p/m)	0.172	0.00267	"	0.267	ND	64.3	80-120	11.0	20	
Xylene (o)	0.0901	0.00133	"	0.133	ND	67.6	80-120	16.3	20	
Surrogate: 1,4-Difluorobenzene	*0.153*		"	*0.160*		*95.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.175*		"	*0.160*		*110*	*80-120*			
Batch P3C2204 - * DEFAULT PREP *** **										
Blank (P3C2204-BLK1)				Prepared & Analyzed: 03/22/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0949*		"	*0.120*		*79.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.107*		"	*0.120*		*88.8*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2204 - * DEFAULT PREP *** **										
LCS (P3C2204-BS1)				Prepared & Analyzed: 03/22/23						
Benzene	0.110	0.00100	mg/kg	0.100		110	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0946	0.00100	"	0.100		94.6	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		85.9	80-120			
Xylene (o)	0.0956	0.00100	"	0.100		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.5*	*80-120*			
LCS Dup (P3C2204-BSD1)				Prepared & Analyzed: 03/22/23						
Benzene	0.101	0.00100	mg/kg	0.100		101	80-120	7.83	20	
Toluene	0.0877	0.00100	"	0.100		87.7	80-120	9.53	20	
Ethylbenzene	0.0853	0.00100	"	0.100		85.3	80-120	10.4	20	
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	80-120	6.73	20	
Xylene (o)	0.0867	0.00100	"	0.100		86.7	80-120	9.78	20	
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*80-120*			
Calibration Blank (P3C2204-CCB1)				Prepared & Analyzed: 03/22/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.150		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0931*		*"*	*0.120*		*77.6*	*80-120*			*S-GC*
Calibration Blank (P3C2204-CCB2)				Prepared & Analyzed: 03/22/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.100*		*"*	*0.120*		*83.6*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2204 - * DEFAULT PREP *** **										
Calibration Blank (P3C2204-CCB3)				Prepared & Analyzed: 03/22/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0988*		*"*	*0.120*		*82.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		*"*	*0.120*		*86.7*	*80-120*			
Calibration Check (P3C2204-CCV1)				Prepared & Analyzed: 03/22/23						
Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.0891	0.00100	"	0.100		89.1	80-120			
Ethylbenzene	0.0841	0.00100	"	0.100		84.1	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.2	80-120			
Xylene (o)	0.0896	0.00100	"	0.100		89.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.3*	*75-125*			
Calibration Check (P3C2204-CCV2)				Prepared & Analyzed: 03/22/23						
Benzene	0.111	0.00100	mg/kg	0.100		111	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0903	0.00100	"	0.100		90.3	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.7	80-120			
Xylene (o)	0.0959	0.00100	"	0.100		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.0*	*75-125*			
Calibration Check (P3C2204-CCV3)				Prepared & Analyzed: 03/22/23						
Benzene	0.115	0.00100	mg/kg	0.100		115	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		85.8	80-120			
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.2*	*75-125*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2204 - * DEFAULT PREP *** **										
Matrix Spike (P3C2204-MS1)	**Source: 3C21003-05**			Prepared & Analyzed: 03/22/23						
Benzene	0.0388	0.00103	mg/kg dry	0.103	ND	37.7	80-120			QM-05
Toluene	0.0345	0.00103	"	0.103	ND	33.5	80-120			QM-05
Ethylbenzene	0.0332	0.00103	"	0.103	ND	32.2	80-120			QM-05
Xylene (p/m)	0.0595	0.00206	"	0.206	ND	28.9	80-120			QM-05
Xylene (o)	0.0327	0.00103	"	0.103	ND	31.8	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.124*		*94.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.124*		*97.7*	*80-120*			
Matrix Spike Dup (P3C2204-MSD1)	**Source: 3C21003-05**			Prepared & Analyzed: 03/22/23						
Benzene	0.0964	0.00103	mg/kg dry	0.103	ND	93.5	80-120	85.2	20	QM-05
Toluene	0.0879	0.00103	"	0.103	ND	85.2	80-120	87.2	20	QM-05
Ethylbenzene	0.0858	0.00103	"	0.103	ND	83.2	80-120	88.4	20	QM-05
Xylene (p/m)	0.155	0.00206	"	0.206	ND	75.0	80-120	88.8	20	QM-05
Xylene (o)	0.0853	0.00103	"	0.103	ND	82.7	80-120	89.1	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.124*		*93.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.124*		*93.8*	*80-120*			
Batch P3C2207 - * DEFAULT PREP *** **										
Blank (P3C2207-BLK1)				Prepared & Analyzed: 03/22/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.100*		"	*0.120*		*83.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.105*		"	*0.120*		*87.4*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2207 - * DEFAULT PREP *** **										
LCS (P3C2207-BS1)				Prepared & Analyzed: 03/22/23						
Benzene	0.0993	0.00100	mg/kg	0.100		99.3	80-120			
Toluene	0.0884	0.00100	"	0.100		88.4	80-120			
Ethylbenzene	0.0871	0.00100	"	0.100		87.1	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.3	80-120			
Xylene (o)	0.0874	0.00100	"	0.100		87.4	80-120			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.2*	*80-120*			
LCS Dup (P3C2207-BSD1)				Prepared & Analyzed: 03/22/23						
Benzene	0.111	0.00100	mg/kg	0.100		111	80-120	11.5	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	13.3	20	
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120	13.4	20	
Xylene (p/m)	0.178	0.00200	"	0.200		88.9	80-120	10.2	20	
Xylene (o)	0.0992	0.00100	"	0.100		99.2	80-120	12.7	20	
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*94.9*	*80-120*			
Calibration Blank (P3C2207-CCB1)				Prepared & Analyzed: 03/22/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0988*		"	*0.120*		*82.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		"	*0.120*		*86.7*	*80-120*			
Calibration Blank (P3C2207-CCB2)				Prepared: 03/22/23 Analyzed: 03/23/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.110		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		"	*0.120*		*91.8*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2207 - * DEFAULT PREP *** **										
Calibration Check (P3C2207-CCV1)				Prepared & Analyzed: 03/22/23						
Benzene	0.115	0.00100	mg/kg	0.100		115	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		85.8	80-120			
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.109*		"	*0.120*		*90.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.2*	*75-125*			
Calibration Check (P3C2207-CCV2)				Prepared: 03/22/23 Analyzed: 03/23/23						
Benzene	0.0970	0.00100	mg/kg	0.100		97.0	80-120			
Toluene	0.0918	0.00100	"	0.100		91.8	80-120			
Ethylbenzene	0.0885	0.00100	"	0.100		88.5	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.3	80-120			
Xylene (o)	0.0890	0.00100	"	0.100		89.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*93.9*	*75-125*			
Calibration Check (P3C2207-CCV3)				Prepared: 03/22/23 Analyzed: 03/23/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0971	0.00100	"	0.100		97.1	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.0974	0.00100	"	0.100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.0*	*75-125*			
Matrix Spike (P3C2207-MS1)		**Source: 3C21003-24**		Prepared: 03/22/23 Analyzed: 03/23/23						
Benzene	0.0884	0.00110	mg/kg dry	0.110	ND	80.4	80-120			
Toluene	0.0811	0.00110	"	0.110	ND	73.8	80-120			QM-05
Ethylbenzene	0.0799	0.00110	"	0.110	ND	72.7	80-120			QM-05
Xylene (p/m)	0.100	0.00220	"	0.220	ND	45.6	80-120			QM-05
Xylene (o)	0.0757	0.00110	"	0.110	ND	68.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.143*		"	*0.132*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.132*		*95.2*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2207 - * DEFAULT PREP *** **										
Matrix Spike Dup (P3C2207-MSD1)	**Source: 3C21003-24**			Prepared: 03/22/23 Analyzed: 03/23/23						
Benzene	0.0883	0.00110	mg/kg dry	0.110	ND	80.4	80-120	0.0995	20	
Toluene	0.0828	0.00110	"	0.110	ND	75.3	80-120	2.01	20	QM-05
Ethylbenzene	0.0817	0.00110	"	0.110	ND	74.3	80-120	2.18	20	QM-05
Xylene (p/m)	0.113	0.00220	"	0.220	ND	51.3	80-120	11.7	20	QM-05
Xylene (o)	0.0763	0.00110	"	0.110	ND	69.4	80-120	0.766	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.142*		*"*	*0.132*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.132*		*94.8*	*80-120*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2211 - TX 1005										
Blank (P3C2211-BLK1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*69.4*		*"*	*50.0*		*139*	*70-130*			*S-GC*
LCS (P3C2211-BS1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	947	25.0	mg/kg	1000		94.7	75-125			
>C12-C28	1240	25.0	"	1000		124	75-125			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*67.9*		*"*	*50.0*		*136*	*70-130*			*S-GC*
LCS Dup (P3C2211-BSD1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	930	25.0	mg/kg	1000		93.0	75-125	1.74	20	
>C12-C28	1220	25.0	"	1000		122	75-125	1.81	20	
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*60.6*		*"*	*50.0*		*121*	*70-130*			
Calibration Check (P3C2211-CCV1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	570	25.0	mg/kg	500		114	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*67.2*		*"*	*50.0*		*134*	*70-130*			*S-GC*
Calibration Check (P3C2211-CCV2)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	566	25.0	mg/kg	500		113	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*67.9*		*"*	*50.0*		*136*	*70-130*			*S-GC*

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2211 - TX 1005										
Calibration Check (P3C2211-CCV3)				Prepared: 03/22/23 Analyzed: 03/26/23						
C6-C12	563	25.0	mg/kg	500		113	85-115			
>C12-C28	549	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*126*		*"*	*100*		*126*	*70-130*			
Surrogate: o-Terphenyl	*67.8*		*"*	*50.0*		*136*	*70-130*			*S-GC*
Duplicate (P3C2211-DUP1)	**Source: 3C21003-01**			Prepared: 03/22/23 Analyzed: 03/26/23						
C6-C12	1360	532	mg/kg dry		1340			1.89	20	R3
>C12-C28	4230	532	"		4500			6.27	20	R3
Surrogate: 1-Chlorooctane	*116*		*"*	*106*		*109*	*70-130*			
Surrogate: o-Terphenyl	*75.1*		*"*	*53.2*		*141*	*70-130*			*S-GC*
Batch P3C2212 - TX 1005										
Blank (P3C2212-BLK1)				Prepared: 03/22/23 Analyzed: 03/24/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*76.4*		*"*	*100*		*76.4*	*70-130*			
Surrogate: o-Terphenyl	*46.4*		*"*	*50.0*		*92.7*	*70-130*			
LCS (P3C2212-BS1)				Prepared: 03/22/23 Analyzed: 03/24/23						
C6-C12	938	25.0	mg/kg	1000		93.8	75-125			
>C12-C28	1020	25.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*50.0*		*113*	*70-130*			
LCS Dup (P3C2212-BSD1)				Prepared: 03/22/23 Analyzed: 03/24/23						
C6-C12	942	25.0	mg/kg	1000		94.2	75-125	0.443	20	
>C12-C28	1020	25.0	"	1000		102	75-125	0.0649	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*55.9*		*"*	*50.0*		*112*	*70-130*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2212 - TX 1005										
Calibration Check (P3C2212-CCV1)				Prepared: 03/22/23 Analyzed: 03/24/23						
C6-C12	562	25.0	mg/kg	500		112	85-115			
>C12-C28	498	25.0	"	500		99.6	85-115			
Surrogate: 1-Chlorooctane	*99.1*		*"*	*100*		*99.1*	*70-130*			
Surrogate: o-Terphenyl	*47.4*		*"*	*50.0*		*94.8*	*70-130*			
Calibration Check (P3C2212-CCV2)				Prepared: 03/22/23 Analyzed: 03/24/23						
C6-C12	534	25.0	mg/kg	500		107	85-115			
>C12-C28	458	25.0	"	500		91.6	85-115			
Surrogate: 1-Chlorooctane	*93.4*		*"*	*100*		*93.4*	*70-130*			
Surrogate: o-Terphenyl	*45.8*		*"*	*50.0*		*91.6*	*70-130*			
Duplicate (P3C2212-DUP1)	**Source: 3C21003-15**			Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	1780	521	mg/kg dry		1910			7.26	20	
>C12-C28	4310	521	"		4780			10.2	20	
Surrogate: 1-Chlorooctane	*98.3*		*"*	*104*		*94.4*	*70-130*			
Surrogate: o-Terphenyl	*62.9*		*"*	*52.1*		*121*	*70-130*			
Batch P3C2213 - TX 1005										
Blank (P3C2213-BLK1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*75.9*		*"*	*100*		*75.9*	*70-130*			
Surrogate: o-Terphenyl	*42.0*		*"*	*50.0*		*84.0*	*70-130*			
LCS (P3C2213-BS1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	846	25.0	mg/kg	1000		84.6	75-125			
>C12-C28	917	25.0	"	1000		91.7	75-125			
Surrogate: 1-Chlorooctane	*97.7*		*"*	*100*		*97.7*	*70-130*			
Surrogate: o-Terphenyl	*42.2*		*"*	*50.0*		*84.4*	*70-130*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2213 - TX 1005										
LCS Dup (P3C2213-BSD1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	820	25.0	mg/kg	1000		82.0	75-125	3.20	20	
>C12-C28	894	25.0	"	1000		89.4	75-125	2.55	20	
Surrogate: 1-Chlorooctane	*93.9*		*"*	*100*		*93.9*	*70-130*			
Surrogate: o-Terphenyl	*40.6*		*"*	*50.0*		*81.3*	*70-130*			
Calibration Check (P3C2213-CCV1)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	534	25.0	mg/kg	500		107	85-115			
>C12-C28	476	25.0	"	500		95.2	85-115			
Surrogate: 1-Chlorooctane	*94.9*		*"*	*100*		*94.9*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*50.0*		*91.9*	*70-130*			
Calibration Check (P3C2213-CCV2)				Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	470	25.0	mg/kg	500		93.9	85-115			
>C12-C28	425	25.0	"	500		85.1	85-115			
Surrogate: 1-Chlorooctane	*82.3*		*"*	*100*		*82.3*	*70-130*			
Surrogate: o-Terphenyl	*41.8*		*"*	*50.0*		*83.6*	*70-130*			
Duplicate (P3C2213-DUP1)	**Source: 3C21003-16**			Prepared: 03/22/23 Analyzed: 03/25/23						
C6-C12	2690	538	mg/kg dry		2500			7.53	20	R3
>C12-C28	9240	538	"		8860			4.18	20	R3
Surrogate: 1-Chlorooctane	*114*		*"*	*108*		*106*	*70-130*			
Surrogate: o-Terphenyl	*68.4*		*"*	*53.8*		*127*	*70-130*			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2205 - * DEFAULT PREP *** **										
Blank (P3C2205-BLK1)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Blank (P3C2205-BLK2)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Blank (P3C2205-BLK3)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Blank (P3C2205-BLK4)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Blank (P3C2205-BLK5)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Blank (P3C2205-BLK6)				Prepared & Analyzed: 03/22/23						
% Moisture	ND	0.1	%							
Duplicate (P3C2205-DUP1)		**Source: 3C20008-10**		Prepared & Analyzed: 03/22/23						
% Moisture	18.0	0.1	%		18.0			0.00	20	
Duplicate (P3C2205-DUP2)		**Source: 3C20008-20**		Prepared & Analyzed: 03/22/23						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P3C2205-DUP3)		**Source: 3C21004-02**		Prepared & Analyzed: 03/22/23						
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P3C2205-DUP4)		**Source: 3C17020-03**		Prepared & Analyzed: 03/22/23						
% Moisture	24.0	0.1	%		25.0			4.08	20	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2205 - * DEFAULT PREP *** **										
Duplicate (P3C2205-DUP5)		**Source: 3C21003-14**		Prepared & Analyzed: 03/22/23						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P3C2205-DUP6)		**Source: 3C21003-24**		Prepared & Analyzed: 03/22/23						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P3C2205-DUP7)		**Source: 3C17002-28**		Prepared & Analyzed: 03/22/23						
% Moisture	13.0	0.1	%		30.0			79.1	20	
Duplicate (P3C2205-DUP8)		**Source: 3C17002-38**		Prepared & Analyzed: 03/22/23						
% Moisture	12.0	0.1	%		14.0			15.4	20	
Duplicate (P3C2205-DUP9)		**Source: 3C17009-05**		Prepared & Analyzed: 03/22/23						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Batch P3C2214 - * DEFAULT PREP *** **										
Blank (P3C2214-BLK1)				Prepared & Analyzed: 03/22/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C2214-BS1)				Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	18.5		mg/kg	20.0		92.5	90-110			
LCS Dup (P3C2214-BSD1)				Prepared & Analyzed: 03/22/23						
Chloride	18.0		mg/kg	20.0		90.2	90-110	2.47	10	
Calibration Check (P3C2214-CCV1)				Prepared & Analyzed: 03/22/23						
Chloride	18.1		mg/kg	20.0		90.3	90-110			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2214 - * DEFAULT PREP *** **										
Calibration Check (P3C2214-CCV2)				Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	18.0		mg/kg	20.0		90.1	90-110			
Calibration Check (P3C2214-CCV3)				Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	18.0		mg/kg	20.0		90.1	90-110			
Matrix Spike (P3C2214-MS1)		**Source: 3C17024-04**		Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	64.3		mg/kg	50.0	0.126	128	80-120			QM-05
Matrix Spike (P3C2214-MS2)		**Source: 3C17024-05**		Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	4.36		mg/kg	5.00	0.0430	86.3	80-120			
Matrix Spike Dup (P3C2214-MSD1)		**Source: 3C17024-04**		Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	60.2		mg/kg	50.0	0.126	120	80-120	6.55	20	
Matrix Spike Dup (P3C2214-MSD2)		**Source: 3C17024-05**		Prepared: 03/22/23 Analyzed: 03/23/23						
Chloride	5.22		mg/kg	5.00	0.0430	103	80-120	18.0	20	
Batch P3C2303 - * DEFAULT PREP *** **										
Blank (P3C2303-BLK1)				Prepared & Analyzed: 03/23/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C2303-BS1)				Prepared & Analyzed: 03/23/23						
Chloride	18.3		mg/kg	20.0		91.7	90-110			
Calibration Check (P3C2303-CCV1)				Prepared & Analyzed: 03/23/23						
Chloride	18.0		mg/kg	20.0		90.1	90-110			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2303 - * DEFAULT PREP *** **										
Calibration Check (P3C2303-CCV2)				Prepared & Analyzed: 03/23/23						
Chloride	18.0		mg/kg	20.0		90.1	90-110			
Matrix Spike (P3C2303-MS1)		**Source: 3C21003-05**		Prepared & Analyzed: 03/23/23						
Chloride	8.04		mg/kg	5.00	3.63	88.2	80-120			
Matrix Spike (P3C2303-MS2)		**Source: 3C21003-15**		Prepared & Analyzed: 03/23/23						
Chloride	26.3		mg/kg	5.00	19.0	146	80-120			QM-05
Matrix Spike Dup (P3C2303-MSD1)		**Source: 3C21003-05**		Prepared & Analyzed: 03/23/23						
Chloride	7.86		mg/kg	5.00	3.63	84.6	80-120	2.26	20	
Matrix Spike Dup (P3C2303-MSD2)		**Source: 3C21003-15**		Prepared & Analyzed: 03/23/23						
Chloride	27.0		mg/kg	5.00	19.0	159	80-120	2.47	20	QM-05
Batch P3C2304 - * DEFAULT PREP *** **										
Blank (P3C2304-BLK1)				Prepared & Analyzed: 03/23/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C2304-BS1)				Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	22.2		mg/kg	20.0		111	90-110			L1
LCS Dup (P3C2304-BSD1)				Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	18.3		mg/kg	20.0		91.4	90-110	19.4	10	R2
Calibration Check (P3C2304-CCV2)				Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	22.0		mg/kg	20.0		110	90-110			

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2304 - * DEFAULT PREP *** **										
Calibration Check (P3C2304-CCV3)				Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	18.1		mg/kg	20.0		90.4	90-110			
Matrix Spike (P3C2304-MS1)		**Source: 3C23001-01**		Prepared & Analyzed: 03/23/23						
Chloride	8.98		mg/kg	50.0	3.15	11.7	80-120			
Matrix Spike (P3C2304-MS2)		**Source: 3C21003-31**		Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	109		mg/kg	50.0	204	NR	80-120			
Matrix Spike Dup (P3C2304-MSD1)		**Source: 3C23001-01**		Prepared & Analyzed: 03/23/23						
Chloride	6.38		mg/kg	50.0	3.15	6.45	80-120	33.9	20	
Matrix Spike Dup (P3C2304-MSD2)		**Source: 3C21003-31**		Prepared: 03/23/23 Analyzed: 03/24/23						
Chloride	110		mg/kg	50.0	204	NR	80-120	0.527	20	

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
R2	The RPD exceeded the acceptance limit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte results may be biased high.
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/30/2023

Larson & Associates, Inc.	Project: Teague 16
P.O. Box 50685	Project Number: 23-0105-02
Midland TX, 79710	Project Manager: Mark Larson

Brent Barron, Laboratory Director/Technical Director

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 3-17-23 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 3C21003

PROJECT LOCATION OR NAME: Teague 16

LAI PROJECT #: 23-0105-02 COLLECTOR: KG + MF

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S-1 1'	1000	3-17-23	1	S	1				X		X				X	X	X																									X				
3'	1005		2																																											
5'	1010		3																																											
S-2 1'	1030		4																																										
3'	1035		5																																										
5'	1040		6																																										
S-3 1'	1115		7																																										
3'	1120		8																																										
5'	1125		9																																										
S-5 1'	1130		10																																										
3'	1135		11																																										
5'	1140		12																																										
S-7 1'	1155		13																																										
3'	1145		14																																										
5'	1150		15																																										

TOTAL 15

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	3/21/23	[signature]
[signature]	3/21/23 8:30	[signature]
	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: PBELAB

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -3.3 THERM#: NCF L3
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

№ 1989

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 3-17-23 PAGE 2 OF 2

PO#: LAB WORK ORDER#: 3C21003

PROJECT LOCATION OR NAME: Teague 16

LAI PROJECT #: 23-0105-02 COLLECTOR: KG + MF

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-9 1'	16	3-17-23	1215	S	1				X	X				X	X	X												X			
3'	17	"	1220	"	1				"	"				"	"	"												"			
5'	18	"	1225	"	1				"	"				"	"	"												"			
S-10 1'	19	3-20-23	1000	S	1																										
3'	20		1015																												
5'	21		1030																												
S11 1'	22		1045																												
3'	23		1100																												
5'	24		1115																												
S12 1'	25		1130																												
3'	26		1145																												
5'	27		1200																												
S13 1'	28		1215																												
3'	29		1230																												
5'	30	3-20-23	1245	—	1				X	X				X	X	X												X			
TOTAL	15																														

RELINQUISHED BY:(Signature) — DATE/TIME 3/21/23 — RECEIVED BY: (Signature) Matthew Fuller

RELINQUISHED BY:(Signature) Matthew Fuller — DATE/TIME 3/21/23 8:30 — RECEIVED BY: (Signature) Nora Bladen

RELINQUISHED BY:(Signature) — DATE/TIME — RECEIVED BY: (Signature)

LABORATORY: PBELAB

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -3.3 THERM#: NCF LB
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

№ 2019

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: _____ PAGE 3 OF _____

PO#: _____ LAB WORK ORDER#: 3C21003

PROJECT LOCATION OR NAME: Teague 16

LAI PROJECT #: 23-0105-02 COLLECTOR: KG & JH

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	OTHER LIST ☐	RCI ☐	TOX ☐	D.W. 200.8 ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S18 1'	31	3-20-23	1300	S	1				X		X				X	X	X																													
3'	32	1	1315	1	1				X		X				X	X	X																													
5'	33	3-20-23	1330	S	1				X		X				X	X	X																													
TOTAL 3																																														

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
Jason Hinds	3/21/23	Matthew Fuller
Matthew Fuller	3/21/23 8:30	Tyra Bledsoe
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: PBE LAB

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -3.3 THERM#: NCF 63
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 07, 2023

Rebecca Pons
BDS Enterprises
1705 E Greene St
Carlsbad, NM 88220
TEL: (575) 441-0980
FAX

RE: Teague 16 OrderNo.: 2305B60

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 60 sample(s) on 5/23/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-001 **Matrix:** SOIL

Client Sample ID: S-1A 2'
Collection Date: 5/19/2023 8:00:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/26/2023 7:04:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/26/2023 7:04:38 PM
Surr: DNOP	104	69-147		%Rec	1	5/26/2023 7:04:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/26/2023 7:08:00 PM
Surr: BFB	92.2	15-244		%Rec	1	5/26/2023 7:08:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/26/2023 7:08:00 PM
Toluene	ND	0.046		mg/Kg	1	5/26/2023 7:08:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	5/26/2023 7:08:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	5/26/2023 7:08:00 PM
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	5/26/2023 7:08:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 2:22:56 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-002 **Matrix:** SOIL

Client Sample ID: S-2A 2'
Collection Date: 5/19/2023 8:05:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/26/2023 7:15:30 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2023 7:15:30 PM
Surr: DNOP	85.6	69-147		%Rec	1	5/26/2023 7:15:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 12:01:57 AM
Surr: BFB	70.3	15-244		%Rec	1	5/27/2023 12:01:57 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 12:01:57 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 12:01:57 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 12:01:57 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 12:01:57 AM
Surr: 4-Bromofluorobenzene	88.7	39.1-146		%Rec	1	5/27/2023 12:01:57 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 3:00:10 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-003 **Matrix:** SOIL

Client Sample ID: S-3A 2'
Collection Date: 5/19/2023 8:10:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/26/2023 7:26:23 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/26/2023 7:26:23 PM
Surr: DNOP	82.6	69-147		%Rec	1	5/26/2023 7:26:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 1:12:05 AM
Surr: BFB	65.3	15-244		%Rec	1	5/27/2023 1:12:05 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 1:12:05 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 1:12:05 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 1:12:05 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 1:12:05 AM
Surr: 4-Bromofluorobenzene	88.2	39.1-146		%Rec	1	5/27/2023 1:12:05 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 3:12:34 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-004 **Matrix:** SOIL

Client Sample ID: S-4A 2'
Collection Date: 5/19/2023 8:15:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	5/26/2023 7:37:11 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/26/2023 7:37:11 PM
Surr: DNOP	88.7	69-147		%Rec	1	5/26/2023 7:37:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 2:22:06 AM
Surr: BFB	71.6	15-244		%Rec	1	5/27/2023 2:22:06 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 2:22:06 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 2:22:06 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 2:22:06 AM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 2:22:06 AM
Surr: 4-Bromofluorobenzene	89.7	39.1-146		%Rec	1	5/27/2023 2:22:06 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 3:49:48 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-005 **Matrix:** SOIL

Client Sample ID: S-5A 4.5'
Collection Date: 5/19/2023 8:20:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	63	9.5		mg/Kg	1	5/26/2023 7:58:51 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2023 7:58:51 PM
Surr: DNOP	96.6	69-147		%Rec	1	5/26/2023 7:58:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 2:45:26 AM
Surr: BFB	59.8	15-244		%Rec	1	5/27/2023 2:45:26 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 2:45:26 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 2:45:26 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 2:45:26 AM
Xylenes, Total	ND	0.095		mg/Kg	1	5/27/2023 2:45:26 AM
Surr: 4-Bromofluorobenzene	85.3	39.1-146		%Rec	1	5/27/2023 2:45:26 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 4:02:13 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-006 **Matrix:** SOIL

Client Sample ID: S-6A 4.5'
Collection Date: 5/19/2023 8:25:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	5/26/2023 8:09:38 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	5/26/2023 8:09:38 PM
Surr: DNOP	85.4	69-147		%Rec	1	5/26/2023 8:09:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 3:08:45 AM
Surr: BFB	71.4	15-244		%Rec	1	5/27/2023 3:08:45 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 3:08:45 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 3:08:45 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 3:08:45 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 3:08:45 AM
Surr: 4-Bromofluorobenzene	88.7	39.1-146		%Rec	1	5/27/2023 3:08:45 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 4:14:37 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-007 **Matrix:** SOIL

Client Sample ID: S-7A 4.5'
Collection Date: 5/19/2023 8:30:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	9.3	8.8		mg/Kg	1	5/26/2023 8:20:32 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/26/2023 8:20:32 PM
Surr: DNOP	88.1	69-147		%Rec	1	5/26/2023 8:20:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 3:32:04 AM
Surr: BFB	68.5	15-244		%Rec	1	5/27/2023 3:32:04 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 3:32:04 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 3:32:04 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 3:32:04 AM
Xylenes, Total	ND	0.10		mg/Kg	1	5/27/2023 3:32:04 AM
Surr: 4-Bromofluorobenzene	89.0	39.1-146		%Rec	1	5/27/2023 3:32:04 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	81	60		mg/Kg	20	5/26/2023 4:27:02 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-008 **Matrix:** SOIL

Client Sample ID: S-8A 4.5'
Collection Date: 5/19/2023 8:35:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	87	9.4		mg/Kg	1	5/26/2023 8:31:20 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/26/2023 8:31:20 PM
Surr: DNOP	90.4	69-147		%Rec	1	5/26/2023 8:31:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 3:55:29 AM
Surr: BFB	62.7	15-244		%Rec	1	5/27/2023 3:55:29 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 3:55:29 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 3:55:29 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 3:55:29 AM
Xylenes, Total	ND	0.10		mg/Kg	1	5/27/2023 3:55:29 AM
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	5/27/2023 3:55:29 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	65	60		mg/Kg	20	5/26/2023 4:39:27 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-009 **Matrix:** SOIL

Client Sample ID: S-9A 4.5'
Collection Date: 5/19/2023 8:40:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	91	9.1		mg/Kg	1	5/26/2023 8:42:13 PM
Motor Oil Range Organics (MRO)	63	46		mg/Kg	1	5/26/2023 8:42:13 PM
Surr: DNOP	101	69-147		%Rec	1	5/26/2023 8:42:13 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 4:18:56 AM
Surr: BFB	55.9	15-244		%Rec	1	5/27/2023 4:18:56 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 4:18:56 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 4:18:56 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 4:18:56 AM
Xylenes, Total	ND	0.094		mg/Kg	1	5/27/2023 4:18:56 AM
Surr: 4-Bromofluorobenzene	84.8	39.1-146		%Rec	1	5/27/2023 4:18:56 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	71	60		mg/Kg	20	5/26/2023 4:51:52 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-10A 2'
Project: Teague 16
Collection Date: 5/19/2023 8:45:00 AM
Lab ID: 2305B60-010 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	73	8.4		mg/Kg	1	5/26/2023 8:53:00 PM
Motor Oil Range Organics (MRO)	53	42		mg/Kg	1	5/26/2023 8:53:00 PM
Surr: DNOP	97.4	69-147		%Rec	1	5/26/2023 8:53:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 4:42:22 AM
Surr: BFB	59.8	15-244		%Rec	1	5/27/2023 4:42:22 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:42:22 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 4:42:22 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 4:42:22 AM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 4:42:22 AM
Surr: 4-Bromofluorobenzene	86.5	39.1-146		%Rec	1	5/27/2023 4:42:22 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	77	59		mg/Kg	20	5/26/2023 7:33:12 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-11A 2'
Project: Teague 16
Collection Date: 5/19/2023 9:00:00 AM
Lab ID: 2305B60-011 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	120	9.7		mg/Kg	1	5/26/2023 9:03:52 PM
Motor Oil Range Organics (MRO)	87	49		mg/Kg	1	5/26/2023 9:03:52 PM
Surr: DNOP	111	69-147		%Rec	1	5/26/2023 9:03:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 5:05:49 AM
Surr: BFB	60.2	15-244		%Rec	1	5/27/2023 5:05:49 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 5:05:49 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 5:05:49 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 5:05:49 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 5:05:49 AM
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	5/27/2023 5:05:49 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	66	60		mg/Kg	20	5/26/2023 8:10:25 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-012 **Matrix:** SOIL

Client Sample ID: S-12A 2'
Collection Date: 5/19/2023 9:05:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	36	9.2		mg/Kg	1	5/26/2023 9:25:27 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/26/2023 9:25:27 PM
Surr: DNOP	102	69-147		%Rec	1	5/26/2023 9:25:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 5:52:43 AM
Surr: BFB	62.4	15-244		%Rec	1	5/27/2023 5:52:43 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 5:52:43 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 5:52:43 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 5:52:43 AM
Xylenes, Total	ND	0.094		mg/Kg	1	5/27/2023 5:52:43 AM
Surr: 4-Bromofluorobenzene	87.6	39.1-146		%Rec	1	5/27/2023 5:52:43 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 8:47:39 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-013 **Matrix:** SOIL

Client Sample ID: S-13A 2'
Collection Date: 5/19/2023 9:10:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	13	9.1		mg/Kg	1	5/26/2023 9:36:12 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/26/2023 9:36:12 PM
Surr: DNOP	100	69-147		%Rec	1	5/26/2023 9:36:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 6:16:06 AM
Surr: BFB	72.8	15-244		%Rec	1	5/27/2023 6:16:06 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 6:16:06 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 6:16:06 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 6:16:06 AM
Xylenes, Total	ND	0.095		mg/Kg	1	5/27/2023 6:16:06 AM
Surr: 4-Bromofluorobenzene	89.5	39.1-146		%Rec	1	5/27/2023 6:16:06 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 9:00:04 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-014 **Matrix:** SOIL

Client Sample ID: S-14A 2'
Collection Date: 5/19/2023 9:15:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	130	8.5		mg/Kg	1	5/26/2023 9:57:55 PM
Motor Oil Range Organics (MRO)	86	43		mg/Kg	1	5/26/2023 9:57:55 PM
Surr: DNOP	112	69-147		%Rec	1	5/26/2023 9:57:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 6:39:27 AM
Surr: BFB	72.2	15-244		%Rec	1	5/27/2023 6:39:27 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 6:39:27 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 6:39:27 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 6:39:27 AM
Xylenes, Total	ND	0.10		mg/Kg	1	5/27/2023 6:39:27 AM
Surr: 4-Bromofluorobenzene	88.0	39.1-146		%Rec	1	5/27/2023 6:39:27 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 9:37:17 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-015 **Matrix:** SOIL

Client Sample ID: S-15A 2'
Collection Date: 5/19/2023 9:20:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	150	8.6		mg/Kg	1	5/26/2023 10:19:53 PM
Motor Oil Range Organics (MRO)	96	43		mg/Kg	1	5/26/2023 10:19:53 PM
Surr: DNOP	104	69-147		%Rec	1	5/26/2023 10:19:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 7:02:44 AM
Surr: BFB	66.9	15-244		%Rec	1	5/27/2023 7:02:44 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 7:02:44 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 7:02:44 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 7:02:44 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 7:02:44 AM
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	5/27/2023 7:02:44 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 9:49:41 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-16A 2'
Project: Teague 16
Collection Date: 5/19/2023 9:25:00 AM
Lab ID: 2305B60-016 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	5/26/2023 10:41:52 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2023 10:41:52 PM
Surr: DNOP	103	69-147		%Rec	1	5/26/2023 10:41:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 7:26:03 AM
Surr: BFB	69.8	15-244		%Rec	1	5/27/2023 7:26:03 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 7:26:03 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 7:26:03 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 7:26:03 AM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 7:26:03 AM
Surr: 4-Bromofluorobenzene	87.8	39.1-146		%Rec	1	5/27/2023 7:26:03 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:02:06 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-017 **Matrix:** SOIL

Client Sample ID: S-17A 2'
Collection Date: 5/19/2023 9:30:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	48	9.3		mg/Kg	1	5/26/2023 10:52:54 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/26/2023 10:52:54 PM
Surr: DNOP	115	69-147		%Rec	1	5/26/2023 10:52:54 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 7:49:24 AM
Surr: BFB	59.1	15-244		%Rec	1	5/27/2023 7:49:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 7:49:24 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 7:49:24 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 7:49:24 AM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 7:49:24 AM
Surr: 4-Bromofluorobenzene	85.9	39.1-146		%Rec	1	5/27/2023 7:49:24 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:14:31 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-018 **Matrix:** SOIL

Client Sample ID: S-18A 2'
Collection Date: 5/19/2023 9:35:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	140	9.0		mg/Kg	1	5/26/2023 11:03:59 PM
Motor Oil Range Organics (MRO)	84	45		mg/Kg	1	5/26/2023 11:03:59 PM
Surr: DNOP	113	69-147		%Rec	1	5/26/2023 11:03:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 8:12:50 AM
Surr: BFB	58.4	15-244		%Rec	1	5/27/2023 8:12:50 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 8:12:50 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 8:12:50 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 8:12:50 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 8:12:50 AM
Surr: 4-Bromofluorobenzene	85.6	39.1-146		%Rec	1	5/27/2023 8:12:50 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	59		mg/Kg	20	5/26/2023 10:26:55 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-19A 2'
Project: Teague 16
Collection Date: 5/19/2023 9:40:00 AM
Lab ID: 2305B60-019 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	41	8.5		mg/Kg	1	5/26/2023 11:26:01 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	5/26/2023 11:26:01 PM
Surr: DNOP	89.6	69-147		%Rec	1	5/26/2023 11:26:01 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 8:36:15 AM
Surr: BFB	61.1	15-244		%Rec	1	5/27/2023 8:36:15 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 8:36:15 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 8:36:15 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 8:36:15 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 8:36:15 AM
Surr: 4-Bromofluorobenzene	86.4	39.1-146		%Rec	1	5/27/2023 8:36:15 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:39:20 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-20A 2'
Project: Teague 16
Collection Date: 5/19/2023 9:45:00 AM
Lab ID: 2305B60-020 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	5/26/2023 11:37:05 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/26/2023 11:37:05 PM
Surr: DNOP	90.1	69-147		%Rec	1	5/26/2023 11:37:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 9:23:04 AM
Surr: BFB	69.7	15-244		%Rec	1	5/27/2023 9:23:04 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 9:23:04 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 9:23:04 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 9:23:04 AM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 9:23:04 AM
Surr: 4-Bromofluorobenzene	88.9	39.1-146		%Rec	1	5/27/2023 9:23:04 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	71	60		mg/Kg	20	5/26/2023 11:16:33 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-021 **Matrix:** SOIL

Client Sample ID: S-21A 2'
Collection Date: 5/19/2023 10:00:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	850	17		mg/Kg	2	5/30/2023 11:07:45 AM
Motor Oil Range Organics (MRO)	470	85		mg/Kg	2	5/30/2023 11:07:45 AM
Surr: DNOP	104	69-147		%Rec	2	5/30/2023 11:07:45 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/30/2023 4:54:28 PM
Surr: BFB	93.4	15-244		%Rec	1	5/30/2023 4:54:28 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/30/2023 4:54:28 PM
Toluene	ND	0.048		mg/Kg	1	5/30/2023 4:54:28 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/30/2023 4:54:28 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/30/2023 4:54:28 PM
Surr: 4-Bromofluorobenzene	83.6	39.1-146		%Rec	1	5/30/2023 4:54:28 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	290	60		mg/Kg	20	5/26/2023 11:28:58 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-22A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:05:00 AM
Lab ID: 2305B60-022 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	77	9.8		mg/Kg	1	5/27/2023 5:04:38 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 5:04:38 PM
Surr: DNOP	82.1	69-147		%Rec	1	5/27/2023 5:04:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 11:43:17 AM
Surr: BFB	69.6	15-244		%Rec	1	5/27/2023 11:43:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 11:43:17 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 11:43:17 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 11:43:17 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 11:43:17 AM
Surr: 4-Bromofluorobenzene	86.9	39.1-146		%Rec	1	5/27/2023 11:43:17 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 2:28:23 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-23A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:10:00 AM
Lab ID: 2305B60-023 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	150	9.2		mg/Kg	1	5/27/2023 5:28:50 PM
Motor Oil Range Organics (MRO)	97	46		mg/Kg	1	5/27/2023 5:28:50 PM
Surr: DNOP	83.1	69-147		%Rec	1	5/27/2023 5:28:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 12:53:36 PM
Surr: BFB	59.3	15-244		%Rec	1	5/27/2023 12:53:36 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 12:53:36 PM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 12:53:36 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 12:53:36 PM
Xylenes, Total	ND	0.10		mg/Kg	1	5/27/2023 12:53:36 PM
Surr: 4-Bromofluorobenzene	86.0	39.1-146		%Rec	1	5/27/2023 12:53:36 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	83	60		mg/Kg	20	5/30/2023 2:58:02 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-024 **Matrix:** SOIL

Client Sample ID: S-24A 2'
Collection Date: 5/19/2023 10:15:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	74	9.8		mg/Kg	1	5/27/2023 5:53:12 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 5:53:12 PM
Surr: DNOP	77.9	69-147		%Rec	1	5/27/2023 5:53:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 2:03:54 PM
Surr: BFB	62.1	15-244		%Rec	1	5/27/2023 2:03:54 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 2:03:54 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 2:03:54 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 2:03:54 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 2:03:54 PM
Surr: 4-Bromofluorobenzene	86.6	39.1-146		%Rec	1	5/27/2023 2:03:54 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	84	60		mg/Kg	20	5/30/2023 3:05:36 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-25A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:20:00 AM
Lab ID: 2305B60-025 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	97	9.5		mg/Kg	1	5/27/2023 6:17:45 PM
Motor Oil Range Organics (MRO)	63	48		mg/Kg	1	5/27/2023 6:17:45 PM
Surr: DNOP	80.4	69-147		%Rec	1	5/27/2023 6:17:45 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 2:27:14 PM
Surr: BFB	69.7	15-244		%Rec	1	5/27/2023 2:27:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 2:27:14 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 2:27:14 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 2:27:14 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 2:27:14 PM
Surr: 4-Bromofluorobenzene	87.4	39.1-146		%Rec	1	5/27/2023 2:27:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	70	60		mg/Kg	20	5/30/2023 3:18:00 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-26A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:25:00 AM
Lab ID: 2305B60-026 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	36	9.1		mg/Kg	1	5/27/2023 6:42:14 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2023 6:42:14 PM
Surr: DNOP	77.7	69-147		%Rec	1	5/27/2023 6:42:14 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 2:50:46 PM
Surr: BFB	61.7	15-244		%Rec	1	5/27/2023 2:50:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 2:50:46 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 2:50:46 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 2:50:46 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 2:50:46 PM
Surr: 4-Bromofluorobenzene	85.6	39.1-146		%Rec	1	5/27/2023 2:50:46 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	64	60		mg/Kg	20	5/30/2023 3:30:25 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-27A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:30:00 AM
Lab ID: 2305B60-027 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	400	9.9		mg/Kg	1	5/27/2023 7:31:08 PM
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	5/27/2023 7:31:08 PM
Surr: DNOP	86.4	69-147		%Rec	1	5/27/2023 7:31:08 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 3:14:11 PM
Surr: BFB	71.4	15-244		%Rec	1	5/27/2023 3:14:11 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 3:14:11 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 3:14:11 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 3:14:11 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 3:14:11 PM
Surr: 4-Bromofluorobenzene	87.4	39.1-146		%Rec	1	5/27/2023 3:14:11 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	180	60		mg/Kg	20	5/30/2023 3:42:50 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-28A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:35:00 AM
Lab ID: 2305B60-028 **Matrix:** SOIL
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	56	9.2		mg/Kg	1	5/27/2023 8:19:55 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2023 8:19:55 PM
Surr: DNOP	78.3	69-147		%Rec	1	5/27/2023 8:19:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 3:37:35 PM
Surr: BFB	77.5	15-244		%Rec	1	5/27/2023 3:37:35 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 3:37:35 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 3:37:35 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 3:37:35 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 3:37:35 PM
Surr: 4-Bromofluorobenzene	88.4	39.1-146		%Rec	1	5/27/2023 3:37:35 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 3:55:15 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-29A 2'
Project: Teague 16
Collection Date: 5/19/2023 10:40:00 AM
Lab ID: 2305B60-029 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/27/2023 8:44:23 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 8:44:23 PM
Surr: DNOP	79.9	69-147		%Rec	1	5/27/2023 8:44:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 4:00:57 PM
Surr: BFB	77.8	15-244		%Rec	1	5/27/2023 4:00:57 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:00:57 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 4:00:57 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 4:00:57 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 4:00:57 PM
Surr: 4-Bromofluorobenzene	90.4	39.1-146		%Rec	1	5/27/2023 4:00:57 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 4:32:29 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-030 **Matrix:** SOIL

Client Sample ID: S-30A 2'
Collection Date: 5/19/2023 10:45:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	60	9.2		mg/Kg	1	5/27/2023 9:08:48 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2023 9:08:48 PM
Surr: DNOP	79.6	69-147		%Rec	1	5/27/2023 9:08:48 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 4:24:18 PM
Surr: BFB	69.2	15-244		%Rec	1	5/27/2023 4:24:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:24:18 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 4:24:18 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 4:24:18 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 4:24:18 PM
Surr: 4-Bromofluorobenzene	87.8	39.1-146		%Rec	1	5/27/2023 4:24:18 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 4:44:54 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-031 **Matrix:** SOIL

Client Sample ID: S-31A 1'
Collection Date: 5/19/2023 11:00:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	68	9.8		mg/Kg	1	5/27/2023 9:33:09 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 9:33:09 PM
Surr: DNOP	79.8	69-147		%Rec	1	5/27/2023 9:33:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 4:47:38 PM
Surr: BFB	70.3	15-244		%Rec	1	5/27/2023 4:47:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:47:38 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 4:47:38 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 4:47:38 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 4:47:38 PM
Surr: 4-Bromofluorobenzene	88.4	39.1-146		%Rec	1	5/27/2023 4:47:38 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 4:57:19 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-032 **Matrix:** SOIL

Client Sample ID: S-32A 1'
Collection Date: 5/19/2023 11:05:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	74	9.3		mg/Kg	1	5/27/2023 9:57:23 PM
Motor Oil Range Organics (MRO)	50	47		mg/Kg	1	5/27/2023 9:57:23 PM
Surr: DNOP	79.6	69-147		%Rec	1	5/27/2023 9:57:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 5:34:19 PM
Surr: BFB	53.0	15-244		%Rec	1	5/27/2023 5:34:19 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 5:34:19 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 5:34:19 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 5:34:19 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 5:34:19 PM
Surr: 4-Bromofluorobenzene	83.2	39.1-146		%Rec	1	5/27/2023 5:34:19 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	82	60		mg/Kg	20	5/30/2023 5:09:43 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-033 **Matrix:** SOIL

Client Sample ID: S-33A 1'
Collection Date: 5/19/2023 11:10:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	12	9.8		mg/Kg	1	5/27/2023 10:21:52 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 10:21:52 PM
Surr: DNOP	77.5	69-147		%Rec	1	5/27/2023 10:21:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 5:57:38 PM
Surr: BFB	70.6	15-244		%Rec	1	5/27/2023 5:57:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 5:57:38 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 5:57:38 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 5:57:38 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 5:57:38 PM
Surr: 4-Bromofluorobenzene	88.0	39.1-146		%Rec	1	5/27/2023 5:57:38 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:22:07 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-034 **Matrix:** SOIL

Client Sample ID: S-34A 1'
Collection Date: 5/19/2023 11:15:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	15	9.3		mg/Kg	1	5/27/2023 10:46:25 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2023 10:46:25 PM
Surr: DNOP	76.6	69-147		%Rec	1	5/27/2023 10:46:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 6:21:00 PM
Surr: BFB	64.0	15-244		%Rec	1	5/27/2023 6:21:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 6:21:00 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 6:21:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 6:21:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 6:21:00 PM
Surr: 4-Bromofluorobenzene	85.8	39.1-146		%Rec	1	5/27/2023 6:21:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	81	60		mg/Kg	20	5/30/2023 5:34:32 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-035 **Matrix:** SOIL

Client Sample ID: S-35A 1'
Collection Date: 5/19/2023 11:20:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	42	9.7		mg/Kg	1	5/27/2023 11:11:01 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 11:11:01 PM
Surr: DNOP	78.0	69-147		%Rec	1	5/27/2023 11:11:01 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 6:44:20 PM
Surr: BFB	70.0	15-244		%Rec	1	5/27/2023 6:44:20 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 6:44:20 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 6:44:20 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 6:44:20 PM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 6:44:20 PM
Surr: 4-Bromofluorobenzene	87.7	39.1-146		%Rec	1	5/27/2023 6:44:20 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 3:35:03 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-36A 1'
Project: Teague 16
Collection Date: 5/19/2023 11:25:00 AM
Lab ID: 2305B60-036 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	16	9.0		mg/Kg	1	5/27/2023 11:35:35 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/27/2023 11:35:35 PM
Surr: DNOP	77.5	69-147		%Rec	1	5/27/2023 11:35:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 7:07:41 PM
Surr: BFB	66.4	15-244		%Rec	1	5/27/2023 7:07:41 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 7:07:41 PM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 7:07:41 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 7:07:41 PM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 7:07:41 PM
Surr: 4-Bromofluorobenzene	86.7	39.1-146		%Rec	1	5/27/2023 7:07:41 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 3:47:24 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-037 **Matrix:** SOIL

Client Sample ID: S-37A 1'
Collection Date: 5/19/2023 11:30:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	63	9.9		mg/Kg	1	5/28/2023 12:00:11 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/28/2023 12:00:11 AM
Surr: DNOP	78.6	69-147		%Rec	1	5/28/2023 12:00:11 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 7:31:02 PM
Surr: BFB	73.2	15-244		%Rec	1	5/27/2023 7:31:02 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 7:31:02 PM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 7:31:02 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 7:31:02 PM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 7:31:02 PM
Surr: 4-Bromofluorobenzene	89.2	39.1-146		%Rec	1	5/27/2023 7:31:02 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 3:59:45 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-038 **Matrix:** SOIL

Client Sample ID: S-38A 1'
Collection Date: 5/19/2023 11:35:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/27/2023 2:08:50 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 2:08:50 AM
Surr: DNOP	88.4	69-147		%Rec	1	5/27/2023 2:08:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 7:54:36 PM
Surr: BFB	75.2	15-244		%Rec	1	5/27/2023 7:54:36 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 7:54:36 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 7:54:36 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 7:54:36 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 7:54:36 PM
Surr: 4-Bromofluorobenzene	89.6	39.1-146		%Rec	1	5/27/2023 7:54:36 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 4:12:06 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-039 **Matrix:** SOIL

Client Sample ID: S-39A 1'
Collection Date: 5/19/2023 11:40:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	18	9.6		mg/Kg	1	5/27/2023 2:33:18 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2023 2:33:18 AM
Surr: DNOP	89.4	69-147		%Rec	1	5/27/2023 2:33:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 8:17:58 PM
Surr: BFB	66.6	15-244		%Rec	1	5/27/2023 8:17:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 8:17:58 PM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 8:17:58 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 8:17:58 PM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 8:17:58 PM
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	5/27/2023 8:17:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 4:24:26 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-040 **Matrix:** SOIL

Client Sample ID: S-40A 1'
Collection Date: 5/19/2023 11:45:00 AM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	140	9.8		mg/Kg	1	5/27/2023 2:57:44 AM
Motor Oil Range Organics (MRO)	91	49		mg/Kg	1	5/27/2023 2:57:44 AM
Surr: DNOP	90.5	69-147		%Rec	1	5/27/2023 2:57:44 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 8:41:14 PM
Surr: BFB	69.0	15-244		%Rec	1	5/27/2023 8:41:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 8:41:14 PM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 8:41:14 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 8:41:14 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 8:41:14 PM
Surr: 4-Bromofluorobenzene	87.3	39.1-146		%Rec	1	5/27/2023 8:41:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:01:27 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-41A 1'
Project: Teague 16
Collection Date: 5/19/2023 1:00:00 PM
Lab ID: 2305B60-041 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	33	9.8		mg/Kg	1	5/27/2023 12:10:16 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 12:10:16 AM
Surr: DNOP	102	69-147		%Rec	1	5/27/2023 12:10:16 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 9:04:46 PM
Surr: BFB	54.8	15-244		%Rec	1	5/27/2023 9:04:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 9:04:46 PM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 9:04:46 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 9:04:46 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2023 9:04:46 PM
Surr: 4-Bromofluorobenzene	83.7	39.1-146		%Rec	1	5/27/2023 9:04:46 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 7:19:39 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Project: Teague 16
Lab ID: 2305B60-042 **Matrix:** SOIL

Client Sample ID: S-42A 1'
Collection Date: 5/19/2023 1:05:00 PM
Received Date: 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	19	9.4		mg/Kg	1	5/27/2023 12:21:19 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2023 12:21:19 AM
Surr: DNOP	112	69-147		%Rec	1	5/27/2023 12:21:19 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2023 9:18:00 PM
Surr: BFB	84.6	15-244		%Rec	1	5/26/2023 9:18:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/26/2023 9:18:00 PM
Toluene	ND	0.049		mg/Kg	1	5/26/2023 9:18:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2023 9:18:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2023 9:18:00 PM
Surr: 4-Bromofluorobenzene	82.8	39.1-146		%Rec	1	5/26/2023 9:18:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 7:32:04 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-43A 1'
Project: Teague 16
Collection Date: 5/19/2023 1:10:00 PM
Lab ID: 2305B60-043 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/27/2023 12:32:25 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 12:32:25 AM
Surr: DNOP	97.7	69-147		%Rec	1	5/27/2023 12:32:25 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2023 10:23:00 PM
Surr: BFB	90.8	15-244		%Rec	1	5/26/2023 10:23:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/26/2023 10:23:00 PM
Toluene	ND	0.049		mg/Kg	1	5/26/2023 10:23:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2023 10:23:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/26/2023 10:23:00 PM
Surr: 4-Bromofluorobenzene	85.9	39.1-146		%Rec	1	5/26/2023 10:23:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 8:09:18 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-44A 1'
Project: Teague 16
Collection Date: 5/19/2023 1:15:00 PM
Lab ID: 2305B60-044 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/27/2023 12:43:43 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2023 12:43:43 AM
Surr: DNOP	96.4	69-147		%Rec	1	5/27/2023 12:43:43 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/26/2023 11:28:00 PM
Surr: BFB	87.9	15-244		%Rec	1	5/26/2023 11:28:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/26/2023 11:28:00 PM
Toluene	ND	0.048		mg/Kg	1	5/26/2023 11:28:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/26/2023 11:28:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/26/2023 11:28:00 PM
Surr: 4-Bromofluorobenzene	83.0	39.1-146		%Rec	1	5/26/2023 11:28:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 8:21:43 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-1A
Project: Teague 16
Collection Date: 5/19/2023 1:30:00 PM
Lab ID: 2305B60-045 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/27/2023 12:55:02 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 12:55:02 AM
Surr: DNOP	106	69-147		%Rec	1	5/27/2023 12:55:02 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2023 11:49:00 PM
Surr: BFB	84.9	15-244		%Rec	1	5/26/2023 11:49:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/26/2023 11:49:00 PM
Toluene	ND	0.050		mg/Kg	1	5/26/2023 11:49:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2023 11:49:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2023 11:49:00 PM
Surr: 4-Bromofluorobenzene	83.3	39.1-146		%Rec	1	5/26/2023 11:49:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 8:34:07 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-2A
Project: Teague 16
Collection Date: 5/19/2023 1:35:00 PM
Lab ID: 2305B60-046 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/27/2023 1:06:13 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2023 1:06:13 AM
Surr: DNOP	110	69-147		%Rec	1	5/27/2023 1:06:13 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 12:11:00 AM
Surr: BFB	86.9	15-244		%Rec	1	5/27/2023 12:11:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 12:11:00 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 12:11:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 12:11:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 12:11:00 AM
Surr: 4-Bromofluorobenzene	82.7	39.1-146		%Rec	1	5/27/2023 12:11:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 8:46:32 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-3A
Project: Teague 16
Collection Date: 5/19/2023 1:40:00 PM
Lab ID: 2305B60-047 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/27/2023 1:17:24 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 1:17:24 AM
Surr: DNOP	97.2	69-147		%Rec	1	5/27/2023 1:17:24 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/27/2023 12:32:00 AM
Surr: BFB	89.3	15-244		%Rec	1	5/27/2023 12:32:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 12:32:00 AM
Toluene	ND	0.046		mg/Kg	1	5/27/2023 12:32:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	5/27/2023 12:32:00 AM
Xylenes, Total	ND	0.091		mg/Kg	1	5/27/2023 12:32:00 AM
Surr: 4-Bromofluorobenzene	85.2	39.1-146		%Rec	1	5/27/2023 12:32:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 9:23:46 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-4A
Project: Teague 16
Collection Date: 5/19/2023 1:45:00 PM
Lab ID: 2305B60-048 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/27/2023 1:28:36 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 1:28:36 AM
Surr: DNOP	108	69-147		%Rec	1	5/27/2023 1:28:36 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/27/2023 12:54:00 AM
Surr: BFB	93.0	15-244		%Rec	1	5/27/2023 12:54:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 12:54:00 AM
Toluene	ND	0.046		mg/Kg	1	5/27/2023 12:54:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	5/27/2023 12:54:00 AM
Xylenes, Total	ND	0.091		mg/Kg	1	5/27/2023 12:54:00 AM
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	5/27/2023 12:54:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:01:00 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-5A
Project: Teague 16
Collection Date: 5/19/2023 1:50:00 PM
Lab ID: 2305B60-049 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/27/2023 1:39:47 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 1:39:47 AM
Surr: DNOP	109	69-147		%Rec	1	5/27/2023 1:39:47 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/27/2023 1:16:00 AM
Surr: BFB	88.7	15-244		%Rec	1	5/27/2023 1:16:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 1:16:00 AM
Toluene	ND	0.046		mg/Kg	1	5/27/2023 1:16:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	5/27/2023 1:16:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	5/27/2023 1:16:00 AM
Surr: 4-Bromofluorobenzene	84.1	39.1-146		%Rec	1	5/27/2023 1:16:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:13:24 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-6A
Project: Teague 16
Collection Date: 5/19/2023 1:55:00 PM
Lab ID: 2305B60-050 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/30/2023 11:55:08 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 11:55:08 AM
Surr: DNOP	77.3	69-147		%Rec	1	5/30/2023 11:55:08 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 1:37:00 AM
Surr: BFB	86.6	15-244		%Rec	1	5/27/2023 1:37:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 1:37:00 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 1:37:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 1:37:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 1:37:00 AM
Surr: 4-Bromofluorobenzene	84.9	39.1-146		%Rec	1	5/27/2023 1:37:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 10:25:49 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-7A
Project: Teague 16
Collection Date: 5/19/2023 2:00:00 PM
Lab ID: 2305B60-051 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/30/2023 12:18:59 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 12:18:59 PM
Surr: DNOP	76.4	69-147		%Rec	1	5/30/2023 12:18:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 1:59:00 AM
Surr: BFB	89.1	15-244		%Rec	1	5/27/2023 1:59:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 1:59:00 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 1:59:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 1:59:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 1:59:00 AM
Surr: 4-Bromofluorobenzene	84.2	39.1-146		%Rec	1	5/27/2023 1:59:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:13:48 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-8A
Project: Teague 16
Collection Date: 5/19/2023 2:05:00 PM
Lab ID: 2305B60-052 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/30/2023 12:42:43 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 12:42:43 PM
Surr: DNOP	77.7	69-147		%Rec	1	5/30/2023 12:42:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 2:42:00 AM
Surr: BFB	88.4	15-244		%Rec	1	5/27/2023 2:42:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 2:42:00 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 2:42:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 2:42:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	5/27/2023 2:42:00 AM
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	5/27/2023 2:42:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 6:11:46 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-9A
Project: Teague 16
Collection Date: 5/19/2023 2:10:00 PM
Lab ID: 2305B60-053 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/30/2023 1:06:26 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/30/2023 1:06:26 PM
Surr: DNOP	78.2	69-147		%Rec	1	5/30/2023 1:06:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 3:04:00 AM
Surr: BFB	89.1	15-244		%Rec	1	5/27/2023 3:04:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 3:04:00 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 3:04:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 3:04:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 3:04:00 AM
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	5/27/2023 3:04:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 6:24:11 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-10A
Project: Teague 16
Collection Date: 5/19/2023 2:15:00 PM
Lab ID: 2305B60-054 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/27/2023 2:46:14 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 2:46:14 AM
Surr: DNOP	73.9	69-147		%Rec	1	5/27/2023 2:46:14 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 3:25:00 AM
Surr: BFB	86.2	15-244		%Rec	1	5/27/2023 3:25:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 3:25:00 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 3:25:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 3:25:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 3:25:00 AM
Surr: 4-Bromofluorobenzene	84.3	39.1-146		%Rec	1	5/27/2023 3:25:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:26:09 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-11A
Project: Teague 16
Collection Date: 5/19/2023 2:20:00 PM
Lab ID: 2305B60-055 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/30/2023 1:30:12 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 1:30:12 PM
Surr: DNOP	79.6	69-147		%Rec	1	5/30/2023 1:30:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 3:47:00 AM
Surr: BFB	89.2	15-244		%Rec	1	5/27/2023 3:47:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 3:47:00 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 3:47:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 3:47:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	5/27/2023 3:47:00 AM
Surr: 4-Bromofluorobenzene	84.7	39.1-146		%Rec	1	5/27/2023 3:47:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:38:30 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-12A
Project: Teague 16
Collection Date: 5/19/2023 2:25:00 PM
Lab ID: 2305B60-056 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/30/2023 1:53:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/30/2023 1:53:57 PM
Surr: DNOP	80.7	69-147		%Rec	1	5/30/2023 1:53:57 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2023 4:08:00 AM
Surr: BFB	87.5	15-244		%Rec	1	5/27/2023 4:08:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.025		mg/Kg	1	5/27/2023 4:08:00 AM
Toluene	ND	0.050		mg/Kg	1	5/27/2023 4:08:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2023 4:08:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2023 4:08:00 AM
Surr: 4-Bromofluorobenzene	84.7	39.1-146		%Rec	1	5/27/2023 4:08:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 5:50:50 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-13A
Project: Teague 16
Collection Date: 5/19/2023 2:30:00 PM
Lab ID: 2305B60-057 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/30/2023 2:17:42 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/30/2023 2:17:42 PM
Surr: DNOP	78.5	69-147		%Rec	1	5/30/2023 2:17:42 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2023 4:30:00 AM
Surr: BFB	84.9	15-244		%Rec	1	5/27/2023 4:30:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:30:00 AM
Toluene	ND	0.048		mg/Kg	1	5/27/2023 4:30:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2023 4:30:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2023 4:30:00 AM
Surr: 4-Bromofluorobenzene	83.8	39.1-146		%Rec	1	5/27/2023 4:30:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 6:03:10 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-14A
Project: Teague 16
Collection Date: 5/19/2023 2:35:00 PM
Lab ID: 2305B60-058 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/27/2023 3:30:19 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 3:30:19 AM
Surr: DNOP	69.2	69-147		%Rec	1	5/27/2023 3:30:19 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2023 4:52:00 AM
Surr: BFB	87.0	15-244		%Rec	1	5/27/2023 4:52:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/27/2023 4:52:00 AM
Toluene	ND	0.049		mg/Kg	1	5/27/2023 4:52:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2023 4:52:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2023 4:52:00 AM
Surr: 4-Bromofluorobenzene	84.6	39.1-146		%Rec	1	5/27/2023 4:52:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 7:51:02 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-15A
Project: Teague 16
Collection Date: 5/19/2023 2:40:00 PM
Lab ID: 2305B60-059 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/30/2023 2:41:29 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/30/2023 2:41:29 PM
Surr: DNOP	75.1	69-147		%Rec	1	5/30/2023 2:41:29 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/27/2023 5:13:00 AM
Surr: BFB	86.7	15-244		%Rec	1	5/27/2023 5:13:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 5:13:00 AM
Toluene	ND	0.046		mg/Kg	1	5/27/2023 5:13:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	5/27/2023 5:13:00 AM
Xylenes, Total	ND	0.092		mg/Kg	1	5/27/2023 5:13:00 AM
Surr: 4-Bromofluorobenzene	85.0	39.1-146		%Rec	1	5/27/2023 5:13:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 8:03:27 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B60**
Date Reported: **6/7/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: SW-16A
Project: Teague 16
Collection Date: 5/19/2023 2:45:00 PM
Lab ID: 2305B60-060 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/30/2023 3:05:15 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/30/2023 3:05:15 PM
Surr: DNOP	79.8	69-147		%Rec	1	5/30/2023 3:05:15 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2023 5:35:00 AM
Surr: BFB	85.4	15-244		%Rec	1	5/27/2023 5:35:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/27/2023 5:35:00 AM
Toluene	ND	0.047		mg/Kg	1	5/27/2023 5:35:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2023 5:35:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	5/27/2023 5:35:00 AM
Surr: 4-Bromofluorobenzene	84.2	39.1-146		%Rec	1	5/27/2023 5:35:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	5/30/2023 8:15:51 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **MB-75209**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75209**	RunNo: **97064**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522745**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75209**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75209**	RunNo: **97064**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522746**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Sample ID: **MB-75213**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75213**	RunNo: **97064**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522775**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75213**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75213**	RunNo: **97064**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522776**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: **MB-75219**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75219**	RunNo: **97066**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522890**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75219**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75219**	RunNo: **97066**							
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522891**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **MB-75237**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75237**	RunNo: **97086**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525405** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75237**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75237**	RunNo: **97086**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525407** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: **MB-75232**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75232**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525526** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75232**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75232**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525528** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Sample ID: **MB-75244**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75244**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525588** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75244**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75244**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525590** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2305B60-002AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S-2A 2'**	Batch ID: **75195**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523155**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.8	49.16	0	95.9	54.2	135			
Surr: DNOP	4.2		4.916		86.4	69	147			

Sample ID: **2305B60-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S-2A 2'**	Batch ID: **75195**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523156**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.3	46.51	0	99.2	54.2	135	2.15	29.2	
Surr: DNOP	4.1		4.651		87.9	69	147	0	0	

Sample ID: **2305B60-041AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S-41A 1'**	Batch ID: **75196**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523177**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.5	47.66	32.85	43.0	54.2	135			S
Surr: DNOP	3.7		4.766		77.7	69	147			

Sample ID: **2305B60-041AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S-41A 1'**	Batch ID: **75196**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523178**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	9.3	46.43	32.85	65.3	54.2	135	16.9	29.2	
Surr: DNOP	3.9		4.643		84.8	69	147	0	0	

Sample ID: **LCS-75186**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **75186**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523198**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.0	61.9	130			
Surr: DNOP	4.3		5.000		85.4	69	147			

Sample ID: **LCS-75195**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **75195**	RunNo: **97073**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523199**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **LCS-75195**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75195**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523199** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.6	61.9	130			
Surr: DNOP	4.5		5.000		89.9	69	147			

Sample ID: **MB-75196**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75196**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523200** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		107	69	147			

Sample ID: **MB-75186**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75186**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523202** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.5	69	147			

Sample ID: **MB-75195**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75195**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523203** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.8	69	147			

Sample ID: **LCS-75196**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75196**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523204** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.8	61.9	130			
Surr: DNOP	4.1		5.000		82.9	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **MB-75212**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75212**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523780** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		87.8	69	147			

Sample ID: **LCS-75212**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75212**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523781** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	78.0	61.9	130			
Surr: DNOP	3.8		5.000		76.5	69	147			

Sample ID: **MB-75214**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75214**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523784** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.8		10.00		78.4	69	147			

Sample ID: **LCS-75214**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75214**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523785** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	78.2	61.9	130			
Surr: DNOP	3.9		5.000		77.6	69	147			

Sample ID: **2305B60-022AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-22A 2'**	Batch ID: **75214**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/28/2023**	SeqNo: **3523848** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	160	10	49.75	77.13	164	54.2	135			S
Surr: DNOP	4.4		4.975		87.6	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2305B60-022AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-22A 2'**	Batch ID: **75214**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/28/2023**	SeqNo: **3523849** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	140	9.7	48.64	77.13	136	54.2	135	10.2	29.2	S
Surr: DNOP	4.2		4.864		86.1	69	147	0	0	

Sample ID: **2305B60-038AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-38A 1'**	Batch ID: **75212**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/28/2023**	SeqNo: **3523852** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	91	9.6	48.22	9.341	169	54.2	135			S
Surr: DNOP	4.1		4.822		84.4	69	147			

Sample ID: **2305B60-038AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-38A 1'**	Batch ID: **75212**	RunNo: **97076**
Prep Date: **5/26/2023**	Analysis Date: **5/28/2023**	SeqNo: **3523853** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.2	45.87	9.341	74.1	54.2	135	70.7	29.2	R
Surr: DNOP	3.8		4.587		83.5	69	147	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **lcs-75154**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **75154**	RunNo: **97050**							
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522418**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.9	70	130			
Surr: BFB	2000		1000		196	15	244			

Sample ID: **mb-75154**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **75154**	RunNo: **97050**							
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522419**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.1	15	244			

Sample ID: **2305B60-042ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-42A 1'**	Batch ID: **75179**	RunNo: **97050**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523887**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.30	0	92.4	70	130			
Surr: BFB	2000		971.8		204	15	244			

Sample ID: **2305B60-042amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-42A 1'**	Batch ID: **75179**	RunNo: **97050**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523888**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.44	0	88.4	70	130	3.84	20	
Surr: BFB	2000		977.5		205	15	244	0	0	

Sample ID: **lcs-75179**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **75179**	RunNo: **97050**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523910**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.9	70	130			
Surr: BFB	1900		1000		194	15	244			

Sample ID: **mb-75179**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **75179**	RunNo: **97050**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523911**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **mb-75179**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **75179**	RunNo: **97050**							
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523911**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.8	15	244			

Sample ID: **lcs-75157**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **75157**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523957**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	82.2	70	130			
Surr: BFB	4600		1000		461	15	244			S

Sample ID: **lcs-75161**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **75161**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523958**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.3	70	130			
Surr: BFB	5000		1000		498	15	244			S

Sample ID: **mb-75157**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **75157**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523959**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	660		1000		66.4	15	244			

Sample ID: **mb-75161**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **75161**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523960**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	670		1000		67.2	15	244			

Sample ID: **2305b60-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-2A 2'**	Batch ID: **75157**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523962**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2305b60-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-2A 2'**	Batch ID: **75157**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523962**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.8	24.08	0	83.2	70	130			
Surr: BFB	4600		963.4		475	15	244			S

Sample ID: **2305b60-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-2A 2'**	Batch ID: **75157**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523963**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.8	24.25	0	86.3	70	130	4.31	20	
Surr: BFB	4700		969.9		487	15	244	0	0	S

Sample ID: **2305b60-022ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-22A 2'**	Batch ID: **75161**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523984**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	23.99	0	90.7	70	130			
Surr: BFB	4900		959.7		513	15	244			S

Sample ID: **2305b60-022amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **S-22A 2'**	Batch ID: **75161**	RunNo: **97044**							
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3523985**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.8	24.20	0	82.1	70	130	9.09	20	
Surr: BFB	4800		968.1		498	15	244	0	0	S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **lcs-75154**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522430** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.5	70	130			
Toluene	0.85	0.050	1.000	0	84.7	70	130			
Ethylbenzene	0.83	0.050	1.000	0	83.4	70	130			
Xylenes, Total	2.5	0.10	3.000	0	82.5	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	39.1	146			

Sample ID: **mb-75154**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522431** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		86.7	39.1	146			

Sample ID: **lcs-75179**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75179**	RunNo: **97050**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523923** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.025	1.000	0	77.2	70	130			
Toluene	0.77	0.050	1.000	0	77.5	70	130			
Ethylbenzene	0.76	0.050	1.000	0	76.4	70	130			
Xylenes, Total	2.3	0.10	3.000	0	75.7	70	130			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.3	39.1	146			

Sample ID: **mb-75179**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75179**	RunNo: **97050**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523924** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		83.8	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2305B60-043ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-43A 1'**	Batch ID: **75179**	RunNo: **97050**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523927** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9709	0	89.4	70	130			
Toluene	0.89	0.049	0.9709	0	91.5	70	130			
Ethylbenzene	0.88	0.049	0.9709	0	91.0	70	130			
Xylenes, Total	2.6	0.097	2.913	0	90.0	70	130			
Surr: 4-Bromofluorobenzene	0.85		0.9709		87.5	39.1	146			

Sample ID: **2305B60-043amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-43A 1'**	Batch ID: **75179**	RunNo: **97050**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523928** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.024	0.9690	0	85.8	70	130	4.37	20	
Toluene	0.87	0.048	0.9690	0	89.6	70	130	2.23	20	
Ethylbenzene	0.87	0.048	0.9690	0	89.5	70	130	1.78	20	
Xylenes, Total	2.6	0.097	2.907	0	88.7	70	130	1.67	20	
Surr: 4-Bromofluorobenzene	0.84		0.9690		86.2	39.1	146	0	0	

Sample ID: **LCS-75157**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75157**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3524069** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	81.8	70	130			
Toluene	0.85	0.050	1.000	0	85.4	70	130			
Ethylbenzene	0.86	0.050	1.000	0	85.5	70	130			
Xylenes, Total	2.6	0.10	3.000	0	85.5	70	130			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	39.1	146			

Sample ID: **LCS-75161**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75161**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524070** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.1	70	130			
Toluene	0.86	0.050	1.000	0	86.1	70	130			
Ethylbenzene	0.88	0.050	1.000	0	87.8	70	130			
Xylenes, Total	2.6	0.10	3.000	0	87.8	70	130			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **mb-75157**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75157**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3524071** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		87.8	39.1	146			

Sample ID: **mb-75161**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75161**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524072** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		88.3	39.1	146			

Sample ID: **2305b60-003ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-3A 2'**	Batch ID: **75157**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524075** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.025	0.9921	0	79.7	70	130			
Toluene	0.83	0.050	0.9921	0.01619	82.4	70	130			
Ethylbenzene	0.86	0.050	0.9921	0	86.7	70	130			
Xylenes, Total	2.6	0.099	2.976	0	86.4	70	130			
Surr: 4-Bromofluorobenzene	0.89		0.9921		89.6	39.1	146			

Sample ID: **2305b60-003amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-3A 2'**	Batch ID: **75157**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524076** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9921	0	80.3	70	130	0.687	20	
Toluene	0.85	0.050	0.9921	0.01619	83.6	70	130	1.42	20	
Ethylbenzene	0.86	0.050	0.9921	0	86.6	70	130	0.0693	20	
Xylenes, Total	2.6	0.099	2.976	0	87.0	70	130	0.692	20	
Surr: 4-Bromofluorobenzene	0.91		0.9921		91.4	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B60**

07-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2305b60-023ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-23A 2'**	Batch ID: **75161**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524099** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.024	0.9690	0	79.4	70	130			
Toluene	0.80	0.048	0.9690	0.01647	80.8	70	130			
Ethylbenzene	0.82	0.048	0.9690	0	84.2	70	130			
Xylenes, Total	2.4	0.097	2.907	0	84.2	70	130			
Surr: 4-Bromofluorobenzene	0.87		0.9690		89.3	39.1	146			

Sample ID: **2305b60-023amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-23A 2'**	Batch ID: **75161**	RunNo: **97044**
Prep Date: **5/24/2023**	Analysis Date: **5/27/2023**	SeqNo: **3524100** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.78	0.024	0.9785	0	79.5	70	130	1.14	20	
Toluene	0.81	0.049	0.9785	0.01647	81.6	70	130	1.84	20	
Ethylbenzene	0.83	0.049	0.9785	0	85.1	70	130	2.03	20	
Xylenes, Total	2.5	0.098	2.935	0	85.4	70	130	2.29	20	
Surr: 4-Bromofluorobenzene	0.88		0.9785		89.7	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: BDS Enterprises | Work Order Number: 2305B60 | RcptNo: 1

Received By: Tracy Casarrubias 5/23/2023 7:30:00 AM

Completed By: Tracy Casarrubias 5/23/2023 8:44:44 AM

Reviewed By: 5.23.23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: 5/23/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks: No client relquish info/signature provided on coc. 5/23/23

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.4	Good	Yes	Morty		

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com jamesc2bds

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 5-Day

Project Name:
Teague 16

Project #:

Project Manager:
Rebbeca Pons

A Parra

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.4-0=4.4 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305B60	Analysis Request: Chlorides	TPH	BTEX
5/19/2023	8:00	Soil	S-1A 2'	Glass/1	Ice/Cool	001	X	X	X
5/19/2023	8:05	Soil	S-2A 2'	Glass/1	Ice/Cool	002	X	X	X
5/19/2023	8:10	Soil	S-3A 2'	Glass/1	Ice/Cool	003	X	X	X
5/19/2023	8:15	Soil	S-4A 2'	Glass/1	Ice/Cool	004	X	X	X
5/19/2023	8:20	Soil	S-5A 4.5'	Glass/1	Ice/Cool	005	X	X	X
5/19/2023	8:25	Soil	S-6A 4.5'	Glass/1	Ice/Cool	006	X	X	X
5/19/2023	8:30	Soil	S-7A 4.5'	Glass/1	Ice/Cool	007	X	X	X
5/19/2023	8:35	Soil	S-8A 4.5'	Glass/1	Ice/Cool	008	X	X	X
5/19/2023	8:40	Soil	S-9A 4.5'	Glass/1	Ice/Cool	009	X	X	X
5/19/2023	8:45	Soil	S-10A 2'	Glass/1	Ice/Cool	010	X	X	X
5/19/2023	9:00	Soil	S-11A 2'	Glass/1	Ice/Cool	011	X	X	X
5/19/2023	9:05	Soil	S-12A 2'	Glass/1	Ice/Cool	012	X	X	X

	Time:	Relinquished by:	Received by:	Via:	Date	Time
					5/22/23	1200
Date: 5/22/23	Time: 1900	Relinquished by:	Received by:	Via:	Date: 5/23/23	Time: 7:30

Remarks: Email results: rebecca@bdsoilfield.com
jamesc@bdsoilfield.com

.pg 1 of 2

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com,jamesc2b

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 5-Day

Project Name: Teague 16

Project #:

Project Manager: Rebbeca Pons

A Parra

On Ice: ☒ Yes ☐ No melt

# of Coolers: 1

Cooler Temp(including CF): 4.4-0=4.4 2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305B60	Analysis Request: Chlorides	TPH	BTEX
5/19/2023	9:10	Soil	S-13A 2'	Glass/1	Ice/Cool	013	X	X	X
5/19/2023	9:15	Soil	S-14A 2'	Glass/1	Ice/Cool	014	X	X	X
5/19/2023	9:20	Soil	S-15A 2'	Glass/1	Ice/Cool	015	X	X	X
5/19/2023	9:25	Soil	S-16A 2'	Glass/1	Ice/Cool	016	X	X	X
5/19/2023	9:30	Soil	S-17A 2'	Glass/1	Ice/Cool	017	X	X	X
5/19/2023	9:35	Soil	S-18A 2'	Glass/1	Ice/Cool	018	X	X	X
5/19/2023	9:40	Soil	S-19A 2'	Glass/1	Ice/Cool	019	X	X	X
5/19/2023	9:45	Soil	S-20A 2'	Glass/1	Ice/Cool	020	X	X	X
5/19/2023	10:00	Soil	S-21A 2'	Glass/1	Ice/Cool	021	X	X	X
5/19/2023	10:05	Soil	S-22A 2'	Glass/1	Ice/Cool	022	X	X	X
5/19/2023	10:10	Soil	S-23A 2'	Glass/1	Ice/Cool	023	X	X	X
5/19/2023	10:15	Soil	S-24A 2'	Glass/1	Ice/Cool	024	X	X	X

	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[signature]		5/20/23	1000
Date: 5/20/23	Time: 1900	Relinquished by: [signature]	Received by:	Via: Courier	Date 5/23/23	Time 7:30

Remarks:

pg 2 of 5

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com,jamesc2b

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 5-Day

Project Name: Teague 16

Project #:

Project Manager: Rebbeca Pons

A Parra

On Ice: ☑ Yes ☐ No melty

# of Coolers: 1

Cooler Temp(including CF): 4.4 - 0 = 4.4 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305860	Analysis Request: Chlorides	TPH	BTEX
5/19/2023	10:20	Soil	S-25A 2'	Glass/1	Ice/Cool	025	X	X	X
5/19/2023	10:25	Soil	S-26A 2'	Glass/1	Ice/Cool	026	X	X	X
5/19/2023	10:30	Soil	S-27A 2'	Glass/1	Ice/Cool	027	X	X	X
5/19/2023	10:35	Soil	S-28A 2'	Glass/1	Ice/Cool	028	X	X	X
5/19/2023	10:40	Soil	S-29A 2'	Glass/1	Ice/Cool	029	X	X	X
5/19/2023	10:45	Soil	S-30A 2'	Glass/1	Ice/Cool	030	X	X	X
5/19/2023	11:00	Soil	S-31A 1'	Glass/1	Ice/Cool	031	X	X	X
5/19/2023	11:05	Soil	S-32A 1'	Glass/1	Ice/Cool	032	X	X	X
5/19/2023	11:10	Soil	S-33A 1'	Glass/1	Ice/Cool	033	X	X	X
5/19/2023	11:15	Soil	S-34A 1'	Glass/1	Ice/Cool	034	X	X	X
5/19/2023	11:20	Soil	S-35A 1'	Glass/1	Ice/Cool	035	X	X	X
5/19/2023	11:25	Soil	S-36A 1'	Glass/1	Ice/Cool	036	X	X	X

	Time:	Relinquished by:	Received by:	Via:	Date	Time
					5/20/23	1300
Date: 5/20/23	Time: 1900	Relinquished by:	Received by:	Via: Courier	Date 5/22/23	Time 7:30

Remarks:

pg 3 of 5

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com jamesc2b

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 5-Day

Project Name: Teague 16

Project #:

Project Manager: Rebbeca Pons

A Parra

On Ice: ☒ Yes ☐ No monty

# of Coolers: 1

Cooler Temp(including CF): 4.4-0.2 4.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305860	Analysis Request: Chlorides	TPH	BTEX
5/19/2023	11:30	Soil	S-37A 1'	Glass/1	Ice/Cool	037	X	X	X
5/19/2023	11:35	Soil	S-38A 1'	Glass/1	Ice/Cool	038	X	X	X
5/19/2023	11:40	Soil	S-39A 1'	Glass/1	Ice/Cool	039	X	X	X
5/19/2023	11:45	Soil	S-40A 1'	Glass/1	Ice/Cool	040	X	X	X
5/19/2023	1:00	Soil	S-41A 1'	Glass/1	Ice/Cool	041	X	X	X
5/19/2023	1:05	Soil	S-42A 1'	Glass/1	Ice/Cool	042	X	X	X
5/19/2023	1:10	Soil	S-43A 1'	Glass/1	Ice/Cool	043	X	X	X
5/19/2023	1:15	Soil	S-44A 1'	Glass/1	Ice/Cool	044	X	X	X
5/19/2023	1:30	Soil	SW-1A	Glass/1	Ice/Cool	045	X	X	X
5/19/2023	1:35	Soil	SW-2A	Glass/1	Ice/Cool	046	X	X	X
5/19/2023	1:40	Soil	SW-3A	Glass/1	Ice/Cool	047	X	X	X
5/19/2023	1:45	Soil	SW-4A	Glass/1	Ice/Cool	048	X	X	X

	Time:	Relinquished by:	Received by:	Via:	Date	Time
					5/20/23	1200
Date: 5/20/23	Time: 1900	Relinquished by:	Received by:	Via: Courier	Date 5/23/23	Time 7:30

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PG 4 of 5

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com,jamesc2b

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 5-Day

Project Name: Teague 16

Project #:

Project Manager: Rebbeca Pons

A Parra

On Ice: ☒ Yes ☐ No Molly

# of Coolers: 1

Cooler Temp (including CF): 4.4-0=4.4 C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305360	Analysis Request: Chlorides	TPH	BTEX
5/19/2023	1:50	Soil	SW-5A	Glass/1	Ice/Cool	049	X	X	X
5/19/2023	1:55	Soil	SW-6A	Glass/1	Ice/Cool	050	X	X	X
5/19/2023	2:00	Soil	SW-7A	Glass/1	Ice/Cool	051	X	X	X
5/19/2023	2:05	Soil	SW-8A	Glass/1	Ice/Cool	052	X	X	X
5/19/2023	2:10	Soil	SW-9A	Glass/1	Ice/Cool	053	X	X	X
5/19/2023	2:15	Soil	SW-10A	Glass/1	Ice/Cool	054	X	X	X
5/19/2023	2:20	Soil	SW-11A	Glass/1	Ice/Cool	055	X	X	X
5/19/2023	2:25	Soil	SW-12A	Glass/1	Ice/Cool	056	X	X	X
5/19/2023	2:30	Soil	SW-13A	Glass/1	Ice/Cool	057	X	X	X
5/19/2023	2:35	Soil	SW-14A	Glass/1	Ice/Cool	058	X	X	X
5/19/2023	2:40	Soil	SW-15A	Glass/1	Ice/Cool	059	X	X	X
5/19/2023	2:45	Soil	SW-16A	Glass/1	Ice/Cool	060	X	X	X

	Time:	Relinquished by:	Received by:	Via:	Date	Time
					5/22/23	1000
Date: 5/22/23	Time: 1000	Relinquished by:	Received by:	Via: courier	Date 5/23/23	Time 7:30

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

pg 5 of 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 01, 2023

Rebecca Pons
BDS Enterprises
1705 E Greene St
Carlsbad, NM 88220
TEL: (575) 441-0980
FAX:

RE: Teague 16 OrderNo.: 2305B57

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/23/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2305B57**
Date Reported: **6/1/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: BG-N
Project: Teague 16
Collection Date: 5/19/2023 3:00:00 PM
Lab ID: 2305B57-001 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/26/2023 5:26:11 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2023 5:26:11 PM
Surr: DNOP	82.5	69-147		%Rec	1	5/26/2023 5:26:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/26/2023 4:36:00 PM
Surr: BFB	87.4	15-244		%Rec	1	5/26/2023 4:36:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/26/2023 4:36:00 PM
Toluene	ND	0.048		mg/Kg	1	5/26/2023 4:36:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/26/2023 4:36:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/26/2023 4:36:00 PM
Surr: 4-Bromofluorobenzene	85.4	39.1-146		%Rec	1	5/26/2023 4:36:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 11:54:04 AM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305B57**
Date Reported: **6/1/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: BG-E
Project: Teague 16
Collection Date: 5/19/2023 3:05:00 PM
Lab ID: 2305B57-002 **Matrix:** SOIL **Received Date:** 5/23/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	11	9.9		mg/Kg	1	5/26/2023 5:37:02 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/26/2023 5:37:02 PM
Surr: DNOP	90.1	69-147		%Rec	1	5/26/2023 5:37:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/26/2023 4:58:00 PM
Surr: BFB	90.2	15-244		%Rec	1	5/26/2023 4:58:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.023		mg/Kg	1	5/26/2023 4:58:00 PM
Toluene	ND	0.047		mg/Kg	1	5/26/2023 4:58:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	5/26/2023 4:58:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	5/26/2023 4:58:00 PM
Surr: 4-Bromofluorobenzene	85.1	39.1-146		%Rec	1	5/26/2023 4:58:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JTT**
Chloride	ND	60		mg/Kg	20	5/26/2023 12:06:28 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B57**

01-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **MB-75209**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75209**	RunNo: **97064**
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522745** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75209**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75209**	RunNo: **97064**
Prep Date: **5/26/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522746** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B57**

01-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **LCS-75186**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75186**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523198** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.0	61.9	130			
Surr: DNOP	4.3		5.000		85.4	69	147			

Sample ID: **LCS-75197**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75197**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523201** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		89.5	69	147			

Sample ID: **MB-75186**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75186**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523202** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.5	69	147			

Sample ID: **MB-75197**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75197**	RunNo: **97073**
Prep Date: **5/25/2023**	Analysis Date: **5/26/2023**	SeqNo: **3523205** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		112	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B57**

01-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **lcs-75154**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522418** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.9	70	130			
Surr: BFB	2000		1000		196	15	244			

Sample ID: **mb-75154**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522419** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.1	15	244			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305B57**

01-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **lcs-75154**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522430** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.5	70	130			
Toluene	0.85	0.050	1.000	0	84.7	70	130			
Ethylbenzene	0.83	0.050	1.000	0	83.4	70	130			
Xylenes, Total	2.5	0.10	3.000	0	82.5	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	39.1	146			

Sample ID: **mb-75154**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75154**	RunNo: **97050**
Prep Date: **5/24/2023**	Analysis Date: **5/26/2023**	SeqNo: **3522431** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		86.7	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: BDS Enterprises | Work Order Number: 2305B57 | RcptNo: 1

Received By: Tracy Casarrubias 5/23/2023 7:30:00 AM

Completed By: Desiree Dominguez 5/23/2023 8:30:50 AM DD

Reviewed By: 5.23.23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑ *	No ☐	Not Present ☐	
2. How was the sample delivered?	Courier			

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody? Recorded by login. NV 5/23/23	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: DAD 5/23/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

Client mailing address and phone number not provided on COC - DAD 5/23/23 * COC only partially filled out by client. NV 5/23/23

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.4	Good	Yes	Morty		

Chain-of-Custody Record

Client: BDS

Mailing Address: Online

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day

Project Name: Teague LL

Project #:

Project Manager: Rebecca Pons

Sampler:
On Ice: ☑ Yes ☐ No Mary
# of Coolers: 1
Cooler Temp (including CF): 5.4 - 0 = 5.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305B57	BTEX / MTBE / TMB's (8021)	TPH:8015D (GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/19	300	Soil	BG-N	4oz jar	ice	001	X	X					X			
5/19	305	1	BG-E	1	1	002	1	1					1			

TMC 5/22/23

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/22	1330				5/22/23	1330
5/22/23	1910			Via: Courier	5/23/23	7:30

Remarks:
rebecca@bdsoilfield.com
James@BDSoilfield.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 12, 2023

Rebecca Pons
BDS Enterprises
1705 E Greene St
Carlsbad, NM 88220
TEL: (575) 441-0980
FAX:

RE: Teague 16 OrderNo.: 2306117

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 12 sample(s) on 6/3/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-9A 5'
Project: Teague 16
Collection Date: 6/1/2023 8:40:00 AM
Lab ID: 2306117-001 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	10	9.4		mg/Kg	1	6/7/2023 3:48:04 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2023 3:48:04 PM
Surr: DNOP	106	69-147		%Rec	1	6/7/2023 3:48:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/7/2023 4:11:49 PM
Surr: BFB	82.3	15-244		%Rec	1	6/7/2023 4:11:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 4:11:49 PM
Toluene	ND	0.046		mg/Kg	1	6/7/2023 4:11:49 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/7/2023 4:11:49 PM
Xylenes, Total	ND	0.092		mg/Kg	1	6/7/2023 4:11:49 PM
Surr: 4-Bromofluorobenzene	84.6	39.1-146		%Rec	1	6/7/2023 4:11:49 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	70	60		mg/Kg	20	6/7/2023 8:24:32 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-10A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 8:45:00 AM
Lab ID: 2306117-002 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/7/2023 3:58:47 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/7/2023 3:58:47 PM
Surr: DNOP	93.6	69-147		%Rec	1	6/7/2023 3:58:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/7/2023 5:22:13 PM
Surr: BFB	76.7	15-244		%Rec	1	6/7/2023 5:22:13 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	6/7/2023 5:22:13 PM
Toluene	ND	0.048		mg/Kg	1	6/7/2023 5:22:13 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/7/2023 5:22:13 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/7/2023 5:22:13 PM
Surr: 4-Bromofluorobenzene	83.0	39.1-146		%Rec	1	6/7/2023 5:22:13 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	72	60		mg/Kg	20	6/7/2023 9:01:46 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-11A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 8:50:00 AM
Lab ID: 2306117-003 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/7/2023 4:09:28 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2023 4:09:28 PM
Surr: DNOP	106	69-147		%Rec	1	6/7/2023 4:09:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/7/2023 5:45:39 PM
Surr: BFB	85.3	15-244		%Rec	1	6/7/2023 5:45:39 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 5:45:39 PM
Toluene	ND	0.046		mg/Kg	1	6/7/2023 5:45:39 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/7/2023 5:45:39 PM
Xylenes, Total	ND	0.092		mg/Kg	1	6/7/2023 5:45:39 PM
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	6/7/2023 5:45:39 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 9:14:11 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-14A 2.5
Project: Teague 16
Collection Date: 6/1/2023 8:55:00 AM
Lab ID: 2306117-004 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	6/7/2023 4:20:10 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/7/2023 4:20:10 PM
Surr: DNOP	106	69-147		%Rec	1	6/7/2023 4:20:10 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/7/2023 6:09:06 PM
Surr: BFB	89.2	15-244		%Rec	1	6/7/2023 6:09:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	6/7/2023 6:09:06 PM
Toluene	ND	0.050		mg/Kg	1	6/7/2023 6:09:06 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/7/2023 6:09:06 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/7/2023 6:09:06 PM
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	6/7/2023 6:09:06 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 9:51:25 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-15A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 9:00:00 AM
Lab ID: 2306117-005 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/7/2023 4:30:53 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/7/2023 4:30:53 PM
Surr: DNOP	96.3	69-147		%Rec	1	6/7/2023 4:30:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/7/2023 6:32:38 PM
Surr: BFB	85.4	15-244		%Rec	1	6/7/2023 6:32:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	6/7/2023 6:32:38 PM
Toluene	ND	0.049		mg/Kg	1	6/7/2023 6:32:38 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/7/2023 6:32:38 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/7/2023 6:32:38 PM
Surr: 4-Bromofluorobenzene	84.7	39.1-146		%Rec	1	6/7/2023 6:32:38 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 10:03:50 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-18A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 9:05:00 AM
Lab ID: 2306117-006 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	14	10		mg/Kg	1	6/7/2023 4:41:39 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/7/2023 4:41:39 PM
Surr: DNOP	93.0	69-147		%Rec	1	6/7/2023 4:41:39 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/7/2023 6:56:11 PM
Surr: BFB	84.1	15-244		%Rec	1	6/7/2023 6:56:11 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	6/7/2023 6:56:11 PM
Toluene	ND	0.048		mg/Kg	1	6/7/2023 6:56:11 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/7/2023 6:56:11 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/7/2023 6:56:11 PM
Surr: 4-Bromofluorobenzene	84.3	39.1-146		%Rec	1	6/7/2023 6:56:11 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 10:16:15 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-21A 3'
Project: Teague 16
Collection Date: 6/1/2023 9:10:00 AM
Lab ID: 2306117-007 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/7/2023 4:52:23 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2023 4:52:23 PM
Surr: DNOP	94.5	69-147		%Rec	1	6/7/2023 4:52:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/7/2023 7:19:43 PM
Surr: BFB	78.0	15-244		%Rec	1	6/7/2023 7:19:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 7:19:43 PM
Toluene	ND	0.046		mg/Kg	1	6/7/2023 7:19:43 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/7/2023 7:19:43 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/7/2023 7:19:43 PM
Surr: 4-Bromofluorobenzene	82.2	39.1-146		%Rec	1	6/7/2023 7:19:43 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 10:28:39 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-23A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 9:15:00 AM
Lab ID: 2306117-008 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/7/2023 5:03:09 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/7/2023 5:03:09 PM
Surr: DNOP	107	69-147		%Rec	1	6/7/2023 5:03:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/7/2023 7:43:11 PM
Surr: BFB	84.2	15-244		%Rec	1	6/7/2023 7:43:11 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 7:43:11 PM
Toluene	ND	0.047		mg/Kg	1	6/7/2023 7:43:11 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/7/2023 7:43:11 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/7/2023 7:43:11 PM
Surr: 4-Bromofluorobenzene	83.9	39.1-146		%Rec	1	6/7/2023 7:43:11 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 10:41:03 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-25A 2.5'
Project: Teague 16
Collection Date: 6/1/2023 9:20:00 AM
Lab ID: 2306117-009 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	24	9.6		mg/Kg	1	6/7/2023 5:14:34 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/7/2023 5:14:34 PM
Surr: DNOP	93.2	69-147		%Rec	1	6/7/2023 5:14:34 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/7/2023 8:06:37 PM
Surr: BFB	78.2	15-244		%Rec	1	6/7/2023 8:06:37 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	6/7/2023 8:06:37 PM
Toluene	ND	0.048		mg/Kg	1	6/7/2023 8:06:37 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/7/2023 8:06:37 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/7/2023 8:06:37 PM
Surr: 4-Bromofluorobenzene	82.4	39.1-146		%Rec	1	6/7/2023 8:06:37 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 10:53:28 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-27A 3'
Project: Teague 16
Collection Date: 6/1/2023 9:25:00 AM
Lab ID: 2306117-010 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	18	9.8		mg/Kg	1	6/7/2023 5:25:33 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/7/2023 5:25:33 PM
Surr: DNOP	103	69-147		%Rec	1	6/7/2023 5:25:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/7/2023 8:30:05 PM
Surr: BFB	87.5	15-244		%Rec	1	6/7/2023 8:30:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 8:30:05 PM
Toluene	ND	0.046		mg/Kg	1	6/7/2023 8:30:05 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/7/2023 8:30:05 PM
Xylenes, Total	ND	0.092		mg/Kg	1	6/7/2023 8:30:05 PM
Surr: 4-Bromofluorobenzene	85.1	39.1-146		%Rec	1	6/7/2023 8:30:05 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 11:30:41 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: BDS Enterprises
Client Sample ID: S-32A 1.5'
Project: Teague 16
Collection Date: 6/1/2023 9:30:00 AM
Lab ID: 2306117-011 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	23	9.5		mg/Kg	1	6/7/2023 5:47:12 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2023 5:47:12 PM
Surr: DNOP	95.6	69-147		%Rec	1	6/7/2023 5:47:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/7/2023 9:16:54 PM
Surr: BFB	79.8	15-244		%Rec	1	6/7/2023 9:16:54 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 9:16:54 PM
Toluene	ND	0.047		mg/Kg	1	6/7/2023 9:16:54 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/7/2023 9:16:54 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/7/2023 9:16:54 PM
Surr: 4-Bromofluorobenzene	83.4	39.1-146		%Rec	1	6/7/2023 9:16:54 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/7/2023 11:43:05 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2306117**
Date Reported: **6/12/2023**

CLIENT: BDS Enterprises
Client Sample ID: S-40A 1.5'
Project: Teague 16
Collection Date: 6/1/2023 9:35:00 AM
Lab ID: 2306117-012 **Matrix:** SOIL **Received Date:** 6/3/2023 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**
Diesel Range Organics (DRO)	14	10		mg/Kg	1	6/7/2023 5:58:14 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/7/2023 5:58:14 PM
Surr: DNOP	93.5	69-147		%Rec	1	6/7/2023 5:58:14 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/7/2023 9:40:16 PM
Surr: BFB	74.2	15-244		%Rec	1	6/7/2023 9:40:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	6/7/2023 9:40:16 PM
Toluene	ND	0.047		mg/Kg	1	6/7/2023 9:40:16 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/7/2023 9:40:16 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/7/2023 9:40:16 PM
Surr: 4-Bromofluorobenzene	82.0	39.1-146		%Rec	1	6/7/2023 9:40:16 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	6/8/2023 12:20:19 AM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306117**

12-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **MB-75428**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75428**	RunNo: **97291**							
Prep Date: **6/7/2023**	Analysis Date: **6/7/2023**	SeqNo: **3534173**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75428**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75428**	RunNo: **97291**							
Prep Date: **6/7/2023**	Analysis Date: **6/7/2023**	SeqNo: **3534174**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Sample ID: **MB-75445**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75445**	RunNo: **97291**							
Prep Date: **6/7/2023**	Analysis Date: **6/7/2023**	SeqNo: **3534205**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75445**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75445**	RunNo: **97291**							
Prep Date: **6/7/2023**	Analysis Date: **6/7/2023**	SeqNo: **3534206**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306117**

12-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **2306117-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-9A 5'**	Batch ID: **75399**	RunNo: **97270**
Prep Date: **6/6/2023**	Analysis Date: **6/8/2023**	SeqNo: **3533096** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	9.5	47.71	10.20	105	54.2	135			
Surr: DNOP	5.0		4.771		104	69	147			

Sample ID: **2306117-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-9A 5'**	Batch ID: **75399**	RunNo: **97270**
Prep Date: **6/6/2023**	Analysis Date: **6/8/2023**	SeqNo: **3533097** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	8.8	43.82	10.20	85.0	54.2	135	24.1	29.2	
Surr: DNOP	4.4		4.382		101	69	147	0	0	

Sample ID: **LCS-75399**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75399**	RunNo: **97270**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533133** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.8	61.9	130			
Surr: DNOP	4.3		5.000		86.4	69	147			

Sample ID: **MB-75399**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75399**	RunNo: **97270**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533137** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.3	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306117**

12-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **lcs-75382**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533433** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.8	70	130			
Surr: BFB	5200		1000		517	15	244			S

Sample ID: **mb-75382**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533434** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		86.0	15	244			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306117**

12-Jun-23

Client: BDS Enterprises

Project: Teague 16

Sample ID: **LCS-75382**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533459** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.025	1.000	0	77.0	70	130			
Toluene	0.78	0.050	1.000	0	77.8	70	130			
Ethylbenzene	0.79	0.050	1.000	0	78.6	70	130			
Xylenes, Total	2.4	0.10	3.000	0	79.0	70	130			
Surr: 4-Bromofluorobenzene	0.86		1.000		85.9	39.1	146			

Sample ID: **mb-75382**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533460** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.4	39.1	146			

Sample ID: **2306117-001ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-9A 5'**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533473** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.023	0.9225	0	81.8	70	130			
Toluene	0.77	0.046	0.9225	0	83.4	70	130			
Ethylbenzene	0.78	0.046	0.9225	0	84.1	70	130			
Xylenes, Total	2.3	0.092	2.768	0	84.6	70	130			
Surr: 4-Bromofluorobenzene	0.80		0.9225		86.4	39.1	146			

Sample ID: **2306117-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-9A 5'**	Batch ID: **75382**	RunNo: **97264**
Prep Date: **6/6/2023**	Analysis Date: **6/7/2023**	SeqNo: **3533474** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.023	0.9217	0	80.9	70	130	1.14	20	
Toluene	0.76	0.046	0.9217	0	82.2	70	130	1.44	20	
Ethylbenzene	0.77	0.046	0.9217	0	83.8	70	130	0.366	20	
Xylenes, Total	2.3	0.092	2.765	0	84.2	70	130	0.605	20	
Surr: 4-Bromofluorobenzene	0.78		0.9217		84.8	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: BDS Enterprises | Work Order Number: 2306117 | RcptNo: 1

Received By: Cheyenne Cason 6/3/2023 8:15:00 AM

Completed By: Cheyenne Cason 6/3/2023 8:34:44 AM

Reviewed By: JN 6/5/23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: CMC 6/3/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.2	Good	Not Present	Yogi		

Chain-of-Custody Record

Client: BDS Environmental

Mailing Address: 1705 Greene St

Carlsbad N.M 88220

Phone: 575 247-1106

email or Fax#: rebecca@bdsoilfield.com,jamesc2bds

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 3-Day

Project Name:

Teague 16

Project #:

Project Manager:

Rebbeca Pons

J. Carnes

On Ice: ☒ Yes ☐ No Yes

# of Coolers: (

Cooler Temp(including CF): 5.3-0.1=5.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2306117	Chlorides	BTEX	TPH
6/1/2023	8:40	Soil	S-9A 5'			001	X	X	X
6/1/2023	8:45	Soil	S-10A 2.5'			002			
6/1/2023	8:50	Soil	S-11A 2.5'			003			
6/1/2023	8:55	Soil	S-14A 2.5'			004			
6/1/2023	9:00	Soil	S-15A 2.5'			005			
6/1/2023	9:05	Soil	S-18A 2.5'			006			
6/1/2023	9:10	Soil	S-21A 3'			007			
6/1/2023	9:15	Soil	S-23A 2.5'			008			
6/1/2023	9:20	Soil	S-25A 2.5'			009			
6/1/2023	9:25	Soil	S-27A 3'			010			
6/1/2023	9:30	Soil	S-32A 1.5'			011			
6/1/2023	9:35	Soil	S-40A 1.5'			012			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6/1/23	745				6/1/23	745
Date: 6/2/23	Time: 1900	Relinquished by:	Received by:	Via:	Date	Time
			Cmc courier		6/3/23	0815

Remarks: Email jamesc@bdsoilfield.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Appendix VI

Correspondence BLM

jamesc@bdsoilfield.com

From: James <jamesc@bdsoilfield.com>
Sent: Thursday, June 15, 2023 3:48 PM
To: rebecca@bdsoilfield.com
Subject: Fwd: 48 hour confirmation notice

Get Outlook for iOS

From: jamesc@bdsoilfield.com <jamesc@bdsoilfield.com>
Sent: Wednesday, May 17, 2023 1:03 PM
To: OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>
Cc: 'BDS' <rebecca@bdsoilfield.com>
Subject: 48 hour confirmation notice

Good Afternoon,

This is a notice of a confirmation sampling event occurring at the Teague 16, incident #nAPP2305552333, located at (32.3035496, -103.1689982) will be taking place on Friday May 19 at 8:00 A.M.

Thank you,

James Carnes
Environmental Scientist
C: 405-627-4694

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 234080

CONDITIONS

Operator: SCO PERMIAN, LLC 5728 NW 132nd Street Oklahoma City, OK 73142	OGRID: 330782
	Action Number: 234080
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	1/30/2024