

Tobac SWD

Northwest Corner

Legend

○

 Sample Points

WW3-002

WW2-002

BH7-001



50 ft

110 N. Marienfeld St.
Midland, Trexas 79701

Table I

Excavation TPH, BTEX and Chlorides Analytical Results

Site Name Tobac SWD[illegible]

Client Sample ID: WW2-002

Lab Sample ID: 880-30749-2

Date Collected: 07/13/23 12:34

Matrix: Solid

Date Received: 07/14/23 12:13

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		07/24/23 17:46	07/25/23 02:25	1
Toluene	<0.00201	U	0.00201	mg/Kg		07/24/23 17:46	07/25/23 02:25	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		07/24/23 17:46	07/25/23 02:25	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		07/24/23 17:46	07/25/23 02:25	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		07/24/23 17:46	07/25/23 02:25	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		07/24/23 17:46	07/25/23 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	07/24/23 17:46	07/25/23 02:25	1
1,4-Difluorobenzene (Surr)	152	S1+	70 - 130	07/24/23 17:46	07/25/23 02:25	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Tobac SWD

Job ID: 880-30749-1
SDG: New Mexico

Client Sample ID: WW2-002

Lab Sample ID: 880-30749-2

Date Collected: 07/13/23 12:34

Matrix: Solid

Date Received: 07/14/23 12:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			07/25/23 11:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/02/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/25/23 14:17	08/01/23 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/25/23 14:17	08/01/23 16:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/25/23 14:17	08/01/23 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130	07/25/23 14:17	08/01/23 16:18	1
o-Terphenyl (Surr)	102		70 - 130	07/25/23 14:17	08/01/23 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		4.99	mg/Kg			07/17/23 17:20	1

Client Sample ID: WW3-002

Lab Sample ID: 880-30749-3

Date Collected: 07/13/23 12:37

Matrix: Solid

Date Received: 07/14/23 12:13

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		07/24/23 17:46	07/25/23 02:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130			07/24/23 17:46	07/25/23 02:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130			07/24/23 17:46	07/25/23 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			07/25/23 11:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			08/02/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		07/25/23 14:17	08/01/23 16:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		07/25/23 14:17	08/01/23 16:40	1

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8/2/2023

Client Sample Results

Client: Charger Rentals
Project/Site: Tobac SWDJob ID: 880-30749-1
SDG: New Mexico

Client Sample ID: WW3-002

Lab Sample ID: 880-30749-3

Date Collected: 07/13/23 12:37

Matrix: Solid

Date Received: 07/14/23 12:13

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		07/25/23 14:17	08/01/23 16:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130			07/25/23 14:17	08/01/23 16:40	1
o-Terphenyl (Surr)	103		70 - 130			07/25/23 14:17	08/01/23 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		4.99	mg/Kg			07/17/23 17:25	1

Client Sample ID: BH 7-001**Date Collected: 06/15/23 11:38****Date Received: 06/16/23 08:30****Sample Depth: 0-6"****Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed
Benzene	<0.00198	U	0.00198	mg/Kg		06/16/23 17:32	06/19/23 15:00
Toluene	<0.00198	U	0.00198	mg/Kg		06/16/23 17:32	06/19/23 15:00
Ethylbenzene	<0.00198	U *- *1	0.00198	mg/Kg		06/16/23 17:32	06/19/23 15:00
m,p-Xylenes	<0.00396	U *- *1	0.00396	mg/Kg		06/16/23 17:32	06/19/23 15:00
o-Xylene	<0.00198	U *- *1	0.00198	mg/Kg		06/16/23 17:32	06/19/23 15:00
Xylenes, Total	<0.00396	U *- *1	0.00396	mg/Kg		06/16/23 17:32	06/19/23 15:00

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Client: Charger Rentals
Project/Site: Tobac SWDJob ID: 880-29628-1
SDG: New Mexico**Client Sample ID: BH 7-001****Lab Sample ID: 880-29628-7****Date Collected: 06/15/23 11:38****Matrix: Solid****Date Received: 06/16/23 08:30****Sample Depth: 0-6"**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/16/23 17:32	06/19/23 15:00	1
1,4-Difluorobenzene (Surr)	107		70 - 130	06/16/23 17:32	06/19/23 15:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			06/20/23 10:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	641		49.9	mg/Kg			06/19/23 15:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/16/23 16:29	06/18/23 02:52	1
Diesel Range Organics (Over C10-C28)	514		49.9	mg/Kg		06/16/23 16:29	06/18/23 02:52	1
Oil Range Organics (Over C28-C36)	127		49.9	mg/Kg		06/16/23 16:29	06/18/23 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	06/16/23 16:29	06/18/23 02:52	1
o-Terphenyl (Surr)	125		70 - 130	06/16/23 16:29	06/18/23 02:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5870		50.0	mg/Kg			06/19/23 13:05	10

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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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 261930

CONDITIONS

Operator: ENDEAVOR ENERGY RESOURCES, LP 110 North Marienfeld Midland, TX 79701	OGRID: 190595
	Action Number: 261930
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Addendum to the record. Results in-lieu of missing sample ID EW-2 from the report. Reclamation standards have not been met, but will be addressed at P & A.	9/5/2023