FOUNDATION ENERGY INC.
SOONER 13-16 FLOWLINE RELEASE

FORM 27 SUPPLEMENTAL
SECOND QUARTER 2024 MONITORING SUMMARY REPORT

ATTACHMENTS

Tables

Figures

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TABLE 1
SECOND QUARTER 2024
GROUNDWATER ELEVATION DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Depth to Water (feet btoc)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (feet)
MW01	9/6/2023	13.46			13.83	4,650.60	4,637.14	-0.10
MW01	12/14/2023	13.73			13.83	4,650.60	4,636.87	-0.27
MW01	3/26/2024	13.82			13.85	4,650.60	4,636.78	-0.09
MW01	6/18/2024	13.75			13.80	4,650.60	4,636.85	0.07
MW04	9/6/2023	14.56			14.94	4,651.61	4,637.05	-0.12
MW04	12/14/2023	14.75			14.94	4,651.61	4,636.86	-0.19
MW04	3/26/2024	14.80			15.01	4,651.61	4,636.81	-0.05
MW04	6/18/2024	14.80			14.95	4,651.61	4,636.81	0.00
MW05R	9/6/2023	13.40			15.84	4,650.71	4,637.31	-0.16
MW05R	12/14/2023	13.65			15.84	4,650.71	4,637.06	-0.25
MW05R	3/26/2024	14.11			15.84	4,650.71	4,636.60	-0.46
MW05R	6/18/2024	14.28			15.84	4,650.71	4,636.43	-0.17
MW06R	9/6/2023	12.54			19.22	4,649.72	4,637.18	-0.08
MW06R	12/14/2023	12.85			19.22	4,649.72	4,636.87	-0.31
MW06R	3/26/2024	13.10			19.26	4,649.72	4,636.62	-0.25
MW06R	6/18/2024	13.22			19.26	4,649.72	4,636.50	-0.12
MW08	9/6/2023	13.11			15.66	4,650.18	4,637.07	-0.06
MW08	12/14/2023	13.44			15.66	4,650.18	4,636.74	-0.33
MW08	3/26/2024	13.87			15.66	4,650.18	4,636.31	-0.43
MW08	6/18/2024	14.02			15.66	4,650.18	4,636.16	-0.15
MW09	9/6/2023	12.34			14.63	4,649.46	4,637.12	-0.09
MW09	12/14/2023	12.57			14.63	4,649.46	4,636.89	-0.23
MW09	3/26/2024	13.10			15.00	4,649.46	4,636.36	-0.53
MW09	6/18/2024	13.20			15.00	4,649.46	4,636.26	-0.10
MW10R	9/6/2023	12.54			18.74	4,649.61	4,637.07	-0.10
MW10R	12/14/2023	12.86			18.74	4,649.61	4,636.75	-0.32
MW10R	3/26/2024	13.10			18.72	4,649.61	4,636.51	-0.24
MW10R	6/18/2024	13.21			18.72	4,649.61	4,636.40	-0.11
MW11	3/10/2021	NM			15.07	4,650.45	NM	NA
MW11	8/3/2021	NM			15.07	4,650.45	NM	NA
MW11	6/7/2023	Well Destroyed						
MW12	9/6/2023	13.21			18.90	4,650.34	4,637.13	-0.08
MW12	12/14/2023	13.53			18.90	4,650.34	4,636.81	-0.32
MW12	3/26/2024	13.98			15.99	4,650.34	4,636.36	-0.45
MW12	6/18/2024	14.10			15.99	4,650.34	4,636.24	-0.12

TABLE 1
SECOND QUARTER 2024
GROUNDWATER ELEVATION DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Depth to Water (feet btoc)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (feet)
MW13	9/6/2023	13.38			16.89	4,650.47	4,637.09	-0.09
MW13	12/14/2023	13.71			16.89	4,650.47	4,636.76	-0.33
MW13	3/26/2024	14.14			17.14	4,650.47	4,636.33	-0.43
MW13	6/18/2024	14.20			17.14	4,650.47	4,636.27	-0.06
MW14	9/6/2023	12.65			14.52	4,649.75	4,637.10	-0.09
MW14	12/14/2023	12.97			14.52	4,649.75	4,636.78	-0.32
MW14	3/26/2024	13.19			14.74	4,649.75	4,636.56	-0.22
MW14	6/18/2024	13.32			14.74	4,649.75	4,636.43	-0.13
MW15	9/6/2023	13.40			16.32	4,650.49	4,637.09	-0.15
MW15	12/14/2023	13.70			16.32	4,650.49	4,636.79	-0.30
MW15	3/26/2024	13.92			16.67	4,650.49	4,636.57	-0.22
MW15	6/18/2024	14.05			16.67	4,650.49	4,636.44	-0.13
MW16	9/6/2023	NM			15.22	4,649.32	NM	NA
MW16	12/14/2023	NM			15.22	4,649.32	NM	NA
MW16	3/26/2024	NM			15.22	4,649.32	NM	NA
MW16	6/18/2024	13.02			15.35	4,649.32	4,636.30	NA
MW18	9/6/2023	12.65			15.25	4,649.67	4,637.02	-0.04
MW18	12/14/2023	12.99			15.25	4,649.67	4,636.68	-0.34
MW18	3/26/2024	12.23			16.20	4,649.67	4,637.44	0.76
MW18	6/18/2024	13.35			16.20	4,649.67	4,636.32	-1.12
MW19R	9/6/2023	12.11			17.28	4,649.28	4,637.17	-0.09
MW19R	12/14/2023	12.44			17.28	4,649.28	4,636.84	-0.33
MW19R	3/26/2024	13.66			17.29	4,649.28	4,635.62	-1.22
MW19R	6/18/2024	12.79			17.29	4,649.28	4,636.49	0.87
MW20	9/6/2023	12.31			15.97	4,649.34	4,637.03	-0.10
MW20	12/14/2023	12.65			15.97	4,649.34	4,636.69	-0.34
MW20	3/26/2024	NM			15.97	4,649.34	NM	NA
MW20	6/18/2024	12.95			15.97	4,649.34	4,636.39	NA
MW21	9/6/2023	12.22			16.05	4,649.28	4,637.06	-0.09
MW21	12/14/2023	12.51			16.05	4,649.28	4,636.77	-0.29
MW21	3/26/2024	NM			16.05	4,649.28	NM	NA
MW21	6/18/2024	12.87			16.05	4,649.28	4,636.41	NA
MW22	9/6/2023	12.01			17.77	4,649.08	4,637.07	-0.10
MW22	12/14/2023	12.31			17.77	4,649.08	4,636.77	-0.30
MW22	3/26/2024	12.54			17.84	4,649.08	4,636.54	-0.53
MW22	6/18/2024	12.66			17.84	4,649.08	4,636.42	-0.12
							Average change in groundwater elevation (3/26/24 to 6/18/24)	-0.10

Notes:

btoc - Below Top of Casing
amsl - Above Mean Sea Level
NA - Not Applicable
NM - Not Measured

TABLE 2
SECOND QUARTER 2024
GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Comments
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		**5**	**560**	**700**	**1,400**	**67**	**67**	**140**	**280 (2)**	
MW01	6/18/2024	Not Sampled							-	Insufficient volume
MW04	6/18/2024	Not Sampled							-	Insufficient volume
MW05R	6/18/2024	<100*	<100	<100	**1500**	**2600**	**740**	**730**	-	
MW06R	6/18/2024	<100*	<100	<100	180	**780**	**220**	**260**	-	
MW08	6/18/2024	<10*	<10	31	100	**110**	28	30	-	
MW09	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW10R	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW12	6/18/2024	<100*	<100	<100	1100	**970**	**340**	**330**	-	
MW13	6/18/2024	<1.0	<1.0	<1.0	3.3	21	2.7	2.7	-	
MW14	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW15	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW18	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW19R	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	
MW22	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Energy and Carbon Management Commission (ECMC) standards for contaminants in groundwater according to Table 915-1 (Post January 15, 2021) of the ECMC 900 Series Rule for E&P Waste Management.

2). Colorado Department of Health and Environment (CDPHE) Regulation 41 Groundwater Standard

NA or "-" = Not analyzed

LNAPL - Light Non-Aqueous Phase Liquid

RL = Laboratory Reporting Limit

ug/L = Micrograms per liter

< = Analytical result is less than the indicated laboratory reporting limit.

BOLD= Analytical result is in exceedance of applicable ECMC or CDPHE groundwater standards.

Wells MW02, MW03, MW16, MW17, MW18 were removed from monitoring program with ECMC approval on 12/29/2016 (Document 2527515)

Wells MW20 and MW21 along with Fluorine analysis were removed from, and MW18 was added to, the monitoring program with ECMC approval on 5/17/2023 (Document 403316233)

*Compound falls within Table 915-1 Footnote 9.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
GW01(3)	1/15/2015	730	1,500	2,400	14,000	-	-	-	-	-	-	-
MW01	4/23/2015	<1.0	<1.0	<1.0	4.8	-	-	-	-	-	-	-
MW01	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW01	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	8/31/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	11/29/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	2/28/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	5/15/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	8/1/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	11/30/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	2/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	5/21/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	8/26/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	11/7/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	2/27/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	5/13/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	8/12/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	11/23/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW01	3/10/2021	Not Sampled - Insufficient Water							-	-	-	-
MW01	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW01	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW01	11/2/2021	Not Sampled - Insufficient Water							-	-	-	-
MW01	2/16/2022	Not Sampled - Insufficient Water							-	-	-	-
MW01	5/18/2022	Not Sampled - Insufficient Water							-	-	-	-
MW01	9/6/2022	Not Sampled - Insufficient Water							-	-	-	-
MW01	12/5/2022	Not Sampled - Dry							-	-	-	-
MW01	3/9/2023	Not Sampled - Dry							-	-	-	-
MW01	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW01	9/6/2023	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW01	12/14/2023	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW01	6/18/2024	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW02	4/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW02	2/14/2017	Well Removed from Monitoring Program							-	-	-	-
MW02	6/9/2017	Well Removed from Monitoring Program							-	-	-	-
MW02	8/31/2017	Well Removed from Monitoring Program							-	-	-	-
MW02	11/29/2017	Well Removed from Monitoring Program							-	-	-	-
MW02	2/28/2018	Well Removed from Monitoring Program							-	-	-	-
MW02	5/15/2018	Well Removed from Monitoring Program							-	-	-	-
MW02	8/1/2018	Well Removed from Monitoring Program							-	-	-	-
MW02	11/30/2018	Well Removed from Monitoring Program							-	-	-	-
MW03	4/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW03	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW03	2/14/2017	Well Removed from Monitoring Program							-	-	-	-
MW03	6/9/2017	Well Removed from Monitoring Program							-	-	-	-
MW03	8/31/2017	Well Removed from Monitoring Program							-	-	-	-
MW03	11/29/2017	Well Removed from Monitoring Program							-	-	-	-
MW03	2/28/2018	Well Removed from Monitoring Program							-	-	-	-
MW03	5/15/2018	Well Removed from Monitoring Program							-	-	-	-
MW03	8/1/2018	Well Removed from Monitoring Program							-	-	-	-
MW03	11/30/2018	Well Removed from Monitoring Program							-	-	-	-
MW04	4/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW04	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW04	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW04	2/25/2016	<1.0	<1.0	1.8	<1.0	-	-	-	-	-	-	-
MW04	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW04	8/9/2016	<1.0	<1.0	7.1	5.5	-	-	-	-	-	-	-
MW04	11/29/2016	<1.0	<1.0	9.4	3.5	-	-	-	-	-	-	-
MW04	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW04	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW04	8/31/2017	<1.0	<1.0	1.6	<2.0	-	-	-	-	-	-	-
MW04	11/29/2017	<1.0	<1.0	1.6	<2.0	-	-	-	-	-	-	-
MW04	2/28/2018	<1.0	<1.0	7.1	4.1	-	-	-	-	-	-	-
MW04	5/15/2018	<1.0	<1.0	8.4	6.1	-	-	-	-	-	-	-
MW04	8/1/2018	<1.0	<1.0	6.8	4.2	-	-	-	-	-	-	-
MW04	11/30/2018	<1.0	<1.0	4.8	5.3	-	-	-	-	-	-	-
MW04	2/28/2019	<1.0	<1.0	10.0	14.0	-	-	-	-	-	-	-
MW04	5/21/2019	<1.0	<1.0	3.5	3.3	-	-	-	-	-	-	-
MW04	8/26/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW04	11/7/2019	<1.0	<1.0	7.6	3.0	-	-	-	-	-	-	-
MW04	2/27/2020	<1.0	<1.0	6.9	2.6	-	-	-	-	-	-	-
MW04	5/13/2020	<1.0	<1.0	6.6	<2.0	-	-	-	-	-	-	-
MW04	8/12/2020	<1.0	<1.0	3.8	<2.0	-	-	-	-	-	-	-
MW04	11/23/2020	<1.0	<1.0	<1.0	2.6	-	-	-	-	-	-	-
MW04	3/10/2021	Not Sampled - Insufficient Water							-	-	-	-
MW04	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW04	8/3/2021	**5.7**	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW04	11/2/2021	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	2/16/2022	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	5/18/2022	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	9/6/2022	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	12/5/2022	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	3/9/2023	Not Sampled - Insufficient Water Volume							-	-	-	-
MW04	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW04	9/6/2023	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW04	12/14/2023	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW04	6/18/2024	NS	NS	NS	NS	NS	NS	NS	-	-	-	-
MW05	4/23/2015	**900**	18	470	**2,400**	-	-	-	-	-	-	-
MW05	8/4/2015	**280**	<1.0	230	440	-	-	-	-	-	-	-
MW05	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW05	2/25/2016	**90**	<1.0	130	310	-	-	-	-	-	-	-
MW05	5/19/2016	**93**	<1.0	140	350	-	-	-	-	-	-	-
MW05	8/9/2016	**130**	<1.0	140	450	-	-	-	-	-	-	-
MW05	11/29/2016	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW05	2/14/2017	**26**	<1.0	<1.0	240	-	-	-	-	-	-	-
MW05	6/9/2017	<1.0	<1.0	<1.0	59	-	-	-	-	-	-	-
MW05	8/31/2017	**55**	<1.0	90	390	-	-	-	-	-	-	-
MW05	11/29/2017	**140**	1.6	57	**1,400**	-	-	-	-	-	-	-
MW05	2/28/2018	**190**	2.4	210	940	-	-	-	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW05	5/15/2018	77	1.1	200	1,100	-	-	-	-	-	-	-
MW05	8/1/2018	100	<1.0	110	250	-	-	-	-	-	-	-
MW05	11/30/2018	Not Sampled - DRY							-	-	-	-
MW05	2/28/2019	Not Sampled - DRY							-	-	-	-
MW05	5/21/2019	Not Sampled - DRY							-	-	-	-
MW05	8/28/2019	Not Sampled - Insufficient Water							-	-	-	-
MW05	11/7/2019	Not Sampled - DRY							-	-	-	-
MW05	2/27/2020	Not Sampled - DRY							-	-	-	-
MW05	5/13/2020	Not Sampled - DRY							-	-	-	-
MW05	8/12/2020	Not Sampled - DRY							-	-	-	-
MW05	11/23/2020	Not Sampled - DRY							-	-	-	-
MW05R	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW05R	6/8/2021	150	<1.0	320	1,600	380	81	160	-	-	-	-
MW05R	8/3/2021	140	<1.0	320	2,000	39	95	270	-	-	-	-
MW05R	11/2/2021	38	<1.0	140	2,400	680	240	280	370	-	-	-
MW05R	2/16/2022	Not sampled - 1.05' of LNAPL present							-	-	-	-
MW05R	5/18/2022	28	<1.0	68	1,100	380	53	150	-	-	-	-
MW05R	9/6/2022	13	<1.0	290	2600	900	120	500	-	-	-	-
MW05R	12/5/2022	1.3	<1.0	48	390	110	21	34	66.7	-	-	-
MW05R	3/9/2023	<1.0	<1.0	9.3	370	200	41	440	18.3	-	-	-
MW05R	6/7/2023	5.9	<1.0	430	1200	340	80	130	-	-	-	-
MW05R	9/6/2023	10	7.5	140	1700	1500	80	130	-	-	-	-
MW05R	12/14/2023	<10.0*	<10.0	56	750	390	110	150	-	-	-	-
MW05R	6/18/2024	<100*	<100	<100	1500	2600	740	730	-	-	-	-
MW06	4/23/2015	2,100	2,700	500	3,300	-	-	-	-	-	-	-
MW06	8/4/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW06	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW06	2/25/2016	330	210	330	1,400	-	-	-	-	-	-	-
MW06	5/19/2016	740	830	350	1,500	-	-	-	-	-	-	-
MW06	8/9/2016	560	490	190	1,600	-	-	-	-	-	-	-
MW06	11/29/2016	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW06	2/14/2017	<1.0	<1.0	<1.0	280	-	-	-	-	-	-	-
MW06	6/9/2017	110	5.3	34	890	-	-	-	-	-	-	-
MW06	8/31/2017	93	1.3	31	350	-	-	-	-	-	-	-
MW06	11/29/2017	660	6.6	68	1,100	-	-	-	-	-	-	-
MW06	2/28/2018	250	<1.0	150	890	-	-	-	-	-	-	-
MW06	5/15/2018	44	<1.0	37	500	-	-	-	-	-	-	-
MW06	8/1/2018	100	1.0	41	250	-	-	-	-	-	-	-
MW06	11/30/2018	190	<1.0	16	66	-	-	-	-	-	-	-
MW06	2/28/2019	110	<1.0	8.7	28	-	-	-	-	-	-	-
MW06	5/21/2019	71	<1.0	9.5	65	-	-	-	-	-	-	-
MW06	8/26/2019	160	<1.0	58	300	-	-	-	-	-	-	-
MW06	11/7/2019	140	<1.0	22	93	-	-	-	-	-	-	-
MW06	2/27/2020	18	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW06	5/13/2020	110	<1.0	17	65	-	-	-	-	-	-	-
MW06	8/12/2020	Not Sampled - Obstruction @ 8.6 ft bgs							-	-	-	-
MW06	11/23/2020	Not Sampled - Obstruction @ 9.54 ft bgs							-	-	-	-
MW06R	3/10/2021	6.4	<1.0	2.2	91	47	27	38	-	562	15	52
MW06R	6/8/2021	<1.0	<1.0	1.8	7.2	10	1.6	20	-	-	-	-
MW06R	8/3/2021	12	<1.0	4.3	90	6.3	4.6	20	1.83	-	-	-
MW06R	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.45	-	-	-
MW06R	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.36	-	-	-
MW06R	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.14	-	-	-
MW06R	9/6/2022	<1.0	<1.0	<1.0	<2.0	2.5	11	<1.0	3.83	-	-	-
MW06R	12/5/2022	72	<1.0	190	120	450	110	210	1,640	-	-	-
MW06R	3/9/2023	3500	<100	5200	130000	43000	9700	15000	-	-	-	-
MW06R	6/7/2023	29	<1.0	430	910	390	78	180	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW06R	9/6/2023	11	<1.0	64	450	290	63	88	-	-	-	-
MW06R	12/14/2023	<10.0*	<10.0	28	260	270	60	78	-	-	-	-
MW06R	6/18/2024	<100*	<100	<100	180	780	220	260	-	-	-	-
MW07	4/23/2015	970	1,400	500	3,800	-	-	-	-	-	-	-
MW07	Destroyed	-	-	-	-	-	-	-	-	-	-	-
MW08	4/23/2015	5.4	1.0	18	140	-	-	-	-	-	-	-
MW08	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW08	11/23/2015	7.5	4.9	14	<1.0	-	-	-	-	-	-	-
MW08	2/25/2016	9.9	<1.0	12	8.2	-	-	-	-	-	-	-
MW08	5/19/2016	1.1	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW08	8/9/2016	2.0	<1.0	<1.0	3.8	-	-	-	-	-	-	-
MW08	11/29/2016	1.8	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW08	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW08	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW08	8/31/2017	3.4	<1.0	1.2	<2.0	-	-	-	-	-	-	-
MW08	11/29/2017	12	<1.0	3.0	35	-	-	-	-	-	-	-
MW08	2/28/2018	4.7	<1.0	2.9	3.9	-	-	-	-	-	-	-
MW08	5/15/2018	56	<1.0	15.0	40	-	-	-	-	-	-	-
MW08	8/1/2018	18	<1.0	2.8	9.6	-	-	-	-	-	-	-
MW08	11/30/2018	74	<1.0	3.9	18	-	-	-	-	-	-	-
MW08	2/28/2019	23	<1.0	<1.0	2.0	-	-	-	-	-	-	-
MW08	5/21/2019	<1.0	<1.0	<1.0	2.0	-	-	-	-	-	-	-
MW08	8/26/2019	23	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW08	11/7/2019	22	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW08	2/27/2020	23	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW08	5/13/2020	24	<1.0	1.5	3.7	-	-	-	-	-	-	-
MW08	8/12/2020	49	<1.0	5.3	30	-	-	-	-	-	-	-
MW08	11/23/2020	16	<1.0	1.9	17	-	-	-	-	-	-	-
MW08	3/10/2021	23	<1.0	<1.0	220	62	12	11	-	-	-	-
MW08	6/8/2021	12	<1.0	11.0	120	36	5.8	6.0	-	-	-	-
MW08	8/3/2021	50	<1.0	36	240	10	16	59	-	-	-	-
MW08	11/2/2021	6.0	<1.0	1.1	48	25	1.1	<1.0	-	-	-	-
MW08	2/16/2022	4.7	<1.0	2.6	20	5	<1.0	2.0	-	-	-	-
MW08	5/18/2022	<1.0	<1.0	<1.0	20	12	<1.0	7.3	-	-	-	-
MW08	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW08	12/5/2022	Not Sampled- Insufficient Water Volume; 0.97 feet LNAPL							-	-	-	-
MW08	3/9/2023	6400	<100	27000	180000	44000	12000	15000	-	-	-	-
MW08	6/7/2023	30	<1.0	360	1100	320	70	130	-	-	-	-
MW08	9/6/2023	25	<1.0	130	580	230	45	85	-	-	-	-
MW08	12/14/2023	9.3	<1.0	47	180	110	31	29	-	-	-	-
MW08	6/18/2024	<10*	<10	31	100	110	28	30	-	-	-	-
MW09	4/23/2015	130	<1.0	11	3.8	-	-	-	-	-	-	-
MW09	8/4/2015	17	<1.0	1.7	<1.0	-	-	-	-	-	-	-
MW09	11/23/2015	53	<1.0	4.4	<1.0	-	-	-	-	-	-	-
MW09	2/25/2016	21	<1.0	4.0	<1.0	-	-	-	-	-	-	-
MW09	5/19/2016	25	<1.0	4.2	<1.0	-	-	-	-	-	-	-
MW09	8/9/2016	120	<1.0	25	16	-	-	-	-	-	-	-
MW09	11/29/2016	200	<1.0	28	32	-	-	-	-	-	-	-
MW09	2/14/2017	69	<1.0	<1.0	29	-	-	-	-	-	-	-
MW09	6/9/2017	140	<1.0	23	40	-	-	-	-	-	-	-
MW09	8/31/2017	210	<1.0	61	210	-	-	-	-	-	-	-
MW09	11/29/2017	<1.0	<1.0	3.2	96	-	-	-	-	-	-	-
MW09	2/28/2018	150	<1.0	46	71	-	-	-	-	-	-	-
MW09	5/15/2018	210	<1.0	83	210	-	-	-	-	-	-	-
MW09	8/1/2018	130	<1.0	67	160	-	-	-	-	-	-	-
MW09	11/30/2018	26	<1.0	22	18	-	-	-	-	-	-	-
MW09	2/28/2019	31	<1.0	16	18	-	-	-	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW09	5/21/2019	87	<1.0	24	50	-	-	-	-	-	-	-
MW09	8/26/2019	72	<1.0	29	32	-	-	-	-	-	-	-
MW09	11/7/2019	16	<1.0	11	2.9	-	-	-	-	-	-	-
MW09	2/27/2020	27	<1.0	4.4	3.4	-	-	-	-	-	-	-
MW09	5/13/2020	25	<1.0	13	11	-	-	-	-	-	-	-
MW09	8/12/2020	12	<1.0	23	28	-	-	-	-	-	-	-
MW09	11/23/2020	4.8	<1.0	<1.0	39	-	-	-	-	-	-	-
MW09	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	8/3/2021	<1.0	<1.0	2.3	<2.0	5.2	<1.0	3.6	-	-	-	-
MW09	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	12/5/2022	<1.0	<1.0	7.3	56	35	6.5	29	-	-	-	-
MW09	3/9/2023	13	<1.0	1.7	7.2	<1.0	<1.0	4.1	-	-	-	-
MW09	6/7/2023	<1.0	<1.0	<1.0	<2.0	3.8	<1.0	2.6	-	-	-	-
MW09	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW09	12/14/2023	<1.0	<1.0	<1.0	2.4	4.3	1.1	1.7	-	-	-	-
MW09	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW10	4/23/2015	72	220	120	660	-	-	-	-	-	-	-
MW10	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW10	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW10	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW10	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW10	8/9/2016	Not Sampled - DRY							-	-	-	-
MW10	11/29/2016	Not Sampled - DRY							-	-	-	-
MW10	2/14/2017	Not Sampled - DRY							-	-	-	-
MW10	6/9/2017	Not Sampled - DRY							-	-	-	-
MW10	8/31/2017	Not Sampled - DRY							-	-	-	-
MW10	11/29/2017	Not Sampled - DRY							-	-	-	-
MW10	2/28/2018	Not Sampled - DRY							-	-	-	-
MW10	5/15/2018	Not Sampled - DRY							-	-	-	-
MW10	8/1/2018	Not Sampled - DRY							-	-	-	-
MW10	11/30/2018	Not Sampled - DRY							-	-	-	-
MW10	2/28/2019	Not Sampled - DRY							-	-	-	-
MW10	8/26/2019	Not Sampled - DRY							-	-	-	-
MW10	11/7/2019	Not Sampled - DRY							-	-	-	-
MW10	2/27/2020	Not Sampled - DRY							-	-	-	-
MW10	5/13/2020	Not Sampled - DRY							-	-	-	-
MW10	8/12/2020	Not Sampled - DRY							-	-	-	-
MW10R	3/10/2021	2.4	<1.0	<1.0	230	9.1	55	39	-	495.0	16.0	93.0
MW10R	6/8/2021	2.5	<1.0	46	150	130	43	43	-	-	-	-
MW10R	8/3/2021	2.2	<1.0	64	210	19	60	81	9.13	-	-	-
MW10R	11/2/2021	<1.0	<1.0	34	86	78	27	34	17.1	-	-	-
MW10R	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	6.5	5.4	13.1	-	-	-
MW10R	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<20.0	-	-	-
MW10R	9/6/2022	<1.0	<1.0	<1.0	<2.0	4.3	5.2	<1.0	4.11	-	-	-
MW10R	12/5/2022	<1.0	<1.0	1.1	13	13	3.8	6.8	15.0	-	-	-
MW10R	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	8.11	-	-	-
MW10R	6/7/2023	<1.0	<1.0	<1.0	<2.0	7	13.0	9	-	-	-	-
MW10R	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW10R	12/14/2023	<1.0	<1.0	<1.0	<2.0	5.6	2.9	3.2	-	-	-	-
MW10R	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW11	8/4/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW11	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW11	2/25/2016	470	380	350	2,100	-	-	-	-	-	-	-

TABLE 3
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FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW11	5/19/2016	420	320	370	2,400	-	-	-	-	-	-	-
MW11	8/9/2016	18	4.6	17	400	-	-	-	-	-	-	-
MW11	11/29/2016	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW11	2/14/2017	140	24	57	790	-	-	-	-	-	-	-
MW11	6/9/2017	100	17	73	580	-	-	-	-	-	-	-
MW11	8/31/2017	120	29	91	740	-	-	-	-	-	-	-
MW11	11/29/2017	<1.0	<1.0	<1.0	570	-	-	-	-	-	-	-
MW11	2/28/2018	16	3.3	23	250	-	-	-	-	-	-	-
MW11	5/15/2018	12	4.8	25	280	-	-	-	-	-	-	-
MW11	8/1/2018	3.3	1.5	6.5	140	-	-	-	-	-	-	-
MW11	11/30/2018	1.9	<1.0	2.4	96	-	-	-	-	-	-	-
MW11	2/28/2019	1.4	<1.0	2.8	56	-	-	-	-	-	-	-
MW11	5/21/2019	1.8	1.5	4.5	100	-	-	-	-	-	-	-
MW11	8/26/2019	2.1	1.8	5.5	140	-	-	-	-	-	-	-
MW11	11/7/2019	<1.0	<1.0	2.1	22	-	-	-	-	-	-	-
MW11	2/27/2020	<1.0	<1.0	5.6	17	-	-	-	-	-	-	-
MW11	5/13/2020	2.0	<1.0	7.2	47	-	-	-	-	-	-	-
MW11	8/12/2020	Not Sampled - Could Not Locate							-	-	-	-
MW11	11/23/2020	Not Sampled - Could Not Locate							-	-	-	-
MW11	3/10/2021	Not Sampled - Could Not Locate							-	-	-	-
MW11	6/8/2021	Not Sampled - Could Not Locate							-	-	-	-
MW11	8/3/2021	Not Sampled - Well Destroyed							-	-	-	-
MW12	8/4/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW12	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW12	2/25/2016	160	36	120	310	-	-	-	-	-	-	-
MW12	5/19/2016	69	41	110	210	-	-	-	-	-	-	-
MW12	8/9/2016	230	1.3	120	440	-	-	-	-	-	-	-
MW12	11/29/2016	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW12	2/14/2017	62	<1.0	38	130	-	-	-	-	-	-	-
MW12	6/9/2017	18	<1.0	<1.0	70	-	-	-	-	-	-	-
MW12	8/31/2017	13	1.2	20	82	-	-	-	-	-	-	-
MW12	11/29/2017	26	5.3	2.6	710	-	-	-	-	-	-	-
MW12	2/28/2018	23	5.9	44	310	-	-	-	-	-	-	-
MW12	5/15/2018	13	1.9	17	140	-	-	-	-	-	-	-
MW12	8/1/2018	15	<1.0	19	160	-	-	-	-	-	-	-
MW12	11/30/2018	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW12	2/28/2019	79	1.4	59	280	-	-	-	-	-	-	-
MW12	5/21/2019	5.4	<1.0	<1.0	660	-	-	-	-	-	-	-
MW12	8/26/2019	17	<1.0	22	490	-	-	-	-	-	-	-
MW12	11/7/2019	23	<1.0	25	290	-	-	-	-	-	-	-
MW12	2/27/2020	62	<1.0	30	87	-	-	-	-	-	-	-
MW12	5/13/2020	60	<1.0	15	190	-	-	-	-	-	-	-
MW12	8/12/2020	70	<1.0	7.2	110	-	-	-	-	-	-	-
MW12	11/23/2020	41	<1.0	<1.0	73	-	-	-	-	-	-	-
MW12	3/10/2021	<1.0	<1.0	<1.0	2.2	<1.0	7.4	5.8	-	-	-	-
MW12	6/8/2021	16	<1.0	1.3	25	20	5.8	12	-	-	-	-
MW12	8/3/2021	37	<1.0	1.3	52	8.9	7.7	25	-	-	-	-
MW12	11/2/2021	<1.0	<1.0	1.9	6.8	6.0	52	10	-	-	-	-
MW12	2/16/2022	<10*	<10	<10	<20	11	240	34	-	-	-	-
MW12	5/18/2022	Not Sampled due to Obstruction in Well							-	-	-	-
MW12	9/6/2022	1.4	<1.0	<1.0	290	110	44	96	-	-	-	-
MW12	12/5/2022	Not Sampled due to Obstruction in Well Casing; Gauged Only							-	-	-	-
MW12	3/9/2023	3400	790	31000	210000	48000	11000	15000	-	-	-	-
MW12	6/7/2023	4.2	<1.0	71	190	63	7.8	23	-	-	-	-
MW12	9/6/2023	14	<1.0	110	290	110	20	42	-	-	-	-
MW12	12/14/2023	<10.0*	<10.0	47	460	230	68	69	-	-	-	-
MW12	6/18/2024	<100*	<100	<100	1100	970	340	330	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW13	8/4/2015	470	91	77	1,500				-	-	-	-
MW13	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW13	2/25/2016	560	2.1	83	590	-	-	-	-	-	-	-
MW13	5/19/2016	1,100	1.8	270	1,500	-	-	-	-	-	-	-
MW13	8/9/2016	440	<1.0	<1.0	340	-	-	-	-	-	-	-
MW13	11/29/2016	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW13	2/14/2017	130	<1.0	14	600	-	-	-	-	-	-	-
MW13	6/9/2017	470	1.6	130	760	-	-	-	-	-	-	-
MW13	8/31/2017	190	<1.0	39	800	-	-	-	-	-	-	-
MW13	11/29/2017	190	<1.0	44	1,300	-	-	-	-	-	-	-
MW13	2/28/2018	130	<1.0	62	410	-	-	-	-	-	-	-
MW13	5/15/2018	57	<1.0	30	190	-	-	-	-	-	-	-
MW13	8/1/2018	20	<1.0	4.1	23	-	-	-	-	-	-	-
MW13	11/30/2018	42	<1.0	20	70	-	-	-	-	-	-	-
MW13	2/28/2019	19	<1.0	13	63	-	-	-	-	-	-	-
MW13	5/21/2019	15	<1.0	12	78	-	-	-	-	-	-	-
MW13	8/26/2019	14	<1.0	5.8	42	-	-	-	-	-	-	-
MW13	11/7/2019	28	<1.0	20	57	-	-	-	-	-	-	-
MW13	2/27/2020	63	<1.0	34	98	-	-	-	-	-	-	-
MW13	5/13/2020	30	<1.0	24	94	-	-	-	-	-	-	-
MW13	8/12/2020	34	<1.0	11	95	-	-	-	-	-	-	-
MW13	11/23/2020	<1.0	<1.0	<1.0	4.6	-	-	-	-	-	-	-
MW13	3/10/2021	<1.0	<1.0	<1.0	21	38	27	13	-	-	-	-
MW13	6/8/2021	15	<1.0	3.2	40	74	20	22	-	-	-	-
MW13	8/3/2021	27	<1.0	5	69	8.1	30	44	-	-	-	-
MW13	11/2/2021	<1.0	<1.0	<1.0	23	56	9.0	<1.0	-	-	-	-
MW13	2/16/2022	<1.0	<1.0	<1.0	21	83	15	21	-	-	-	-
MW13	5/18/2022	<1.0	<1.0	<1.0	9.0	86	20	23	-	-	-	-
MW13	9/6/2022	<1.0	<1.0	<1.0	<2.0	11	2.3	6.5	-	-	-	-
MW13	12/5/2022	<1.0	<1.0	<1.0	4.6	37	<1.0	8.6	-	-	-	-
MW13	3/9/2023	<1.0	<1.0	<1.0	<2.0	35	3.3	7.7	-	-	-	-
MW13	6/7/2023	4.6	<1.0	1.3	2.7	32	<1.0	6.0	-	-	-	-
MW13	9/6/2023	9.5	<1.0	<1.0	16	42	<1.0	<1.0	-	-	-	-
MW13	12/14/2023	2.5	<1.0	<1.0	8.5	31	<1.0	3.8	-	-	-	-
MW13	6/18/2024	<1.0	<1.0	<1.0	3.3	21	2.7	2.7	-	-	-	-
MW14	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW14	11/23/2015	<1.0	2.9	<1.0	<1.0	-	-	-	-	-	-	-
MW14	2/25/2016	12	<1.0	16	15	-	-	-	-	-	-	-
MW14	5/19/2016	3.6	<1.0	6.5	<1.0	-	-	-	-	-	-	-
MW14	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW14	11/29/2016	<1.0	<1.0	1.7	<1.0	-	-	-	-	-	-	-
MW14	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW14	6/9/2017	<1.0	<1.0	4.3	5.8	-	-	-	-	-	-	-
MW14	8/31/2017	4.0	<1.0	1.2	<2.0	-	-	-	-	-	-	-
MW14	11/29/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	2/28/2018	3.1	<1.0	2.4	<2.0	-	-	-	-	-	-	-
MW14	5/15/2018	3.4	<1.0	7.5	7	-	-	-	-	-	-	-
MW14	8/1/2018	<1.0	<1.0	7.0	7.4	-	-	-	-	-	-	-
MW14	11/30/2018	5.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	2/28/2019	2.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	5/21/2019	<1.0	<1.0	<1.0	3.2	-	-	-	-	-	-	-
MW14	8/26/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	11/7/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	2/27/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	5/13/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	8/12/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	11/23/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW14	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW14	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW14	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW14	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW15	11/23/2015	Not Sampled - 0.01 ft of LNAPL Present							-	-	-	-
MW15	2/25/2016	970	1.4	140	810	-	-	-	-	-	-	-
MW15	5/19/2016	1,100	<1.0	150	940	-	-	-	-	-	-	-
MW15	8/9/2016	370	1.7	89	420	-	-	-	-	-	-	-
MW15	11/29/2016	770	<1.0	89	440	-	-	-	-	-	-	-
MW15	2/14/2017	<1.0	<1.0	2.0	1	-	-	-	-	-	-	-
MW15	6/9/2017	120	<1.0	<1.0	350	-	-	-	-	-	-	-
MW15	8/31/2017	710	4.4	130	950	-	-	-	-	-	-	-
MW15	11/29/2017	410	3.6	23	710	-	-	-	-	-	-	-
MW15	2/28/2018	170	<1.0	40	320	-	-	-	-	-	-	-
MW15	5/15/2018	51	<1.0	9	29	-	-	-	-	-	-	-
MW15	8/1/2018	91	<1.0	19	50	-	-	-	-	-	-	-
MW15	11/30/2018	110	<1.0	36	170	-	-	-	-	-	-	-
MW15	2/28/2019	37	<1.0	23	56	-	-	-	-	-	-	-
MW15	5/21/2019	40	<1.0	<1.0	43	-	-	-	-	-	-	-
MW15	8/26/2019	200	<1.0	110	290	-	-	-	-	-	-	-
MW15	11/7/2019	200	<1.0	86	300	-	-	-	-	-	-	-
MW15	2/27/2020	17	<1.0	3.2	5.2	-	-	-	-	-	-	-
MW15	5/13/2020	69	<1.0	4.8	59	-	-	-	-	-	-	-
MW15	8/12/2020	32	<1.0	1.6	11	-	-	-	-	-	-	-
MW15	11/23/2020	4.2	<1.0	<1.0	15	-	-	-	-	-	-	-
MW15	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	6/8/2021	9.7	<1.0	<1.0	2.8	7.4	<1.0	3.4	-	-	-	-
MW15	8/3/2021	5.0	<1.0	<1.0	<2.0	1.2	<1.0	2.4	-	-	-	-
MW15	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW15	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW16	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW16	2/14/2017	Well Removed from Monitoring Program							-	-	-	-
MW16	6/9/2017	Well Removed from Monitoring Program							-	-	-	-
MW16	8/31/2017	Well Removed from Monitoring Program							-	-	-	-
MW16	11/29/2017	Well Removed from Monitoring Program							-	-	-	-
MW16	2/28/2018	Well Removed from Monitoring Program							-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW16	5/15/2018	Well Removed from Monitoring Program							-	-	-	-
MW16	8/1/2018	Well Removed from Monitoring Program							-	-	-	-
MW16	11/30/2018	Well Removed from Monitoring Program							-	-	-	-
MW17	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW17	2/14/2017	Well Removed from Monitoring Program							-	-	-	-
MW17	6/9/2017	Well Removed from Monitoring Program							-	-	-	-
MW17	8/31/2017	Well Removed from Monitoring Program							-	-	-	-
MW17	11/29/2017	Well Removed from Monitoring Program							-	-	-	-
MW17	2/28/2018	Well Removed from Monitoring Program							-	-	-	-
MW17	5/15/2018	Well Removed from Monitoring Program							-	-	-	-
MW17	8/1/2018	Well Removed from Monitoring Program							-	-	-	-
MW17	11/30/2018	Well Removed from Monitoring Program							-	-	-	-
MW18	8/4/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	11/23/2015	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	2/25/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	5/19/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	8/9/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW18	2/14/2017	Well Removed from Monitoring Program							-	-	-	-
MW18	6/9/2017	Well Removed from Monitoring Program							-	-	-	-
MW18	8/31/2017	Well Removed from Monitoring Program							-	-	-	-
MW18	11/29/2017	Well Removed from Monitoring Program							-	-	-	-
MW18	2/28/2018	Well Removed from Monitoring Program							-	-	-	-
MW18	5/15/2018	Well Removed from Monitoring Program							-	-	-	-
MW18	8/1/2018	Well Removed from Monitoring Program							-	-	-	-
MW18	11/30/2018	Well Removed from Monitoring Program							-	-	-	-
MW18	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW18	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW18	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW18	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19	11/29/2016	**510**	1.2	190	440	-	-	-	-	-	-	-
MW19	2/14/2017	**280**	<1.0	1.6	590	-	-	-	-	-	-	-
MW19	6/9/2017	**85**	<1.0	77	120	-	-	-	-	-	-	-
MW19	8/31/2017	**52**	<1.0	56	230	-	-	-	-	-	-	-
MW19	11/29/2017	**62**	<1.0	<1.0	130	-	-	-	-	-	-	-
MW19	2/28/2018	**92**	<1.0	120	270	-	-	-	-	-	-	-
MW19	5/15/2018	**13**	<1.0	<1.0	190	-	-	-	-	-	-	-
MW19	8/1/2018	**170**	<1.0	160	430	-	-	-	-	-	-	-
MW19	11/30/2018	**70**	<1.0	75	130	-	-	-	-	-	-	-
MW19	2/28/2019	**18**	<1.0	26	28	-	-	-	-	-	-	-
MW19	5/21/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW19	8/28/2019	**92**	<1.0	80	370	-	-	-	-	-	-	-
MW19	11/7/2019	**47**	<1.0	19	69	-	-	-	-	-	-	-
MW19	2/27/2020	**19**	<1.0	3.8	6.3	-	-	-	-	-	-	-
MW19	5/13/2020	**19**	<1.0	4.4	8.7	-	-	-	-	-	-	-
MW19	8/12/2020	Not Sampled - Could Not Locate							-	-	-	-
MW19	11/23/2020	Not Sampled - Could Not Locate							-	-	-	-
MW19	11/23/2020	Not Sampled - Could Not Locate							-	-	-	-
MW19R	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	6/8/2021	1.3	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.38	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		5	560	700	1,400	67	67	140	280 (2)	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)
MW19R	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.496	-	-	-
MW19R	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.382	-	-	-
MW19R	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.408	-	-	-
MW19R	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW19R	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW19R	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW19R	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW20	2/14/2017	<1.0	<1.0	4.0	180	-	-	-	-	-	-	-
MW20	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	8/31/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	11/29/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	2/28/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	5/15/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	8/1/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	11/30/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	2/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	5/21/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	8/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	11/7/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	2/27/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	5/13/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW20	8/12/2020	Not Sampled - Obstruction @ 2.7 ft bgs							-	-	-	-
MW20	11/23/2020	Not Sampled - Obstruction @ 2.7 ft bgs							-	-	-	-
MW20	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW20	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.03	-	-	-
MW20	6/18/2024	Not Sampled							-	-	-	-
MW21	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW21	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW21	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	8/31/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	11/29/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	2/28/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	5/15/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	8/1/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	11/30/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	2/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	5/21/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	8/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	11/7/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	2/27/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	5/13/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	8/12/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	11/23/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW21	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	558	15	342
MW21	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW21	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW21	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW21	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
FOUNDATION ENERGY
SOONER 13-16

Well ID	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Fluorene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)
ECMC Table 915-1 Groundwater Standard (ug/L) (1&2)		**5**	**560**	**700**	**1,400**	**67**	**67**	**140**	**280 (2)**	**(<1.25 x local background)**	**(250 mg/l or <1.25 x local background)**	**(250 mg/l or <1.25 x local background)**
MW21	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW21	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW21	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW21	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.200	-	-	-
MW21	6/18/2024	Not Sampled							-	-	-	-
MW22	11/29/2016	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW22	2/14/2017	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-	-
MW22	6/9/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	8/31/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	11/29/2017	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	2/28/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	5/15/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	8/1/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	11/30/2018	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	2/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	5/21/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	8/28/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	11/7/2019	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	2/27/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	5/13/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	8/12/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	11/23/2020	<1.0	<1.0	<1.0	<2.0	-	-	-	-	-	-	-
MW22	3/10/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	6/8/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	8/3/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	11/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	5/18/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	9/6/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	12/5/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	3/9/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	6/7/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	9/6/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	12/14/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-
MW22	6/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-	-

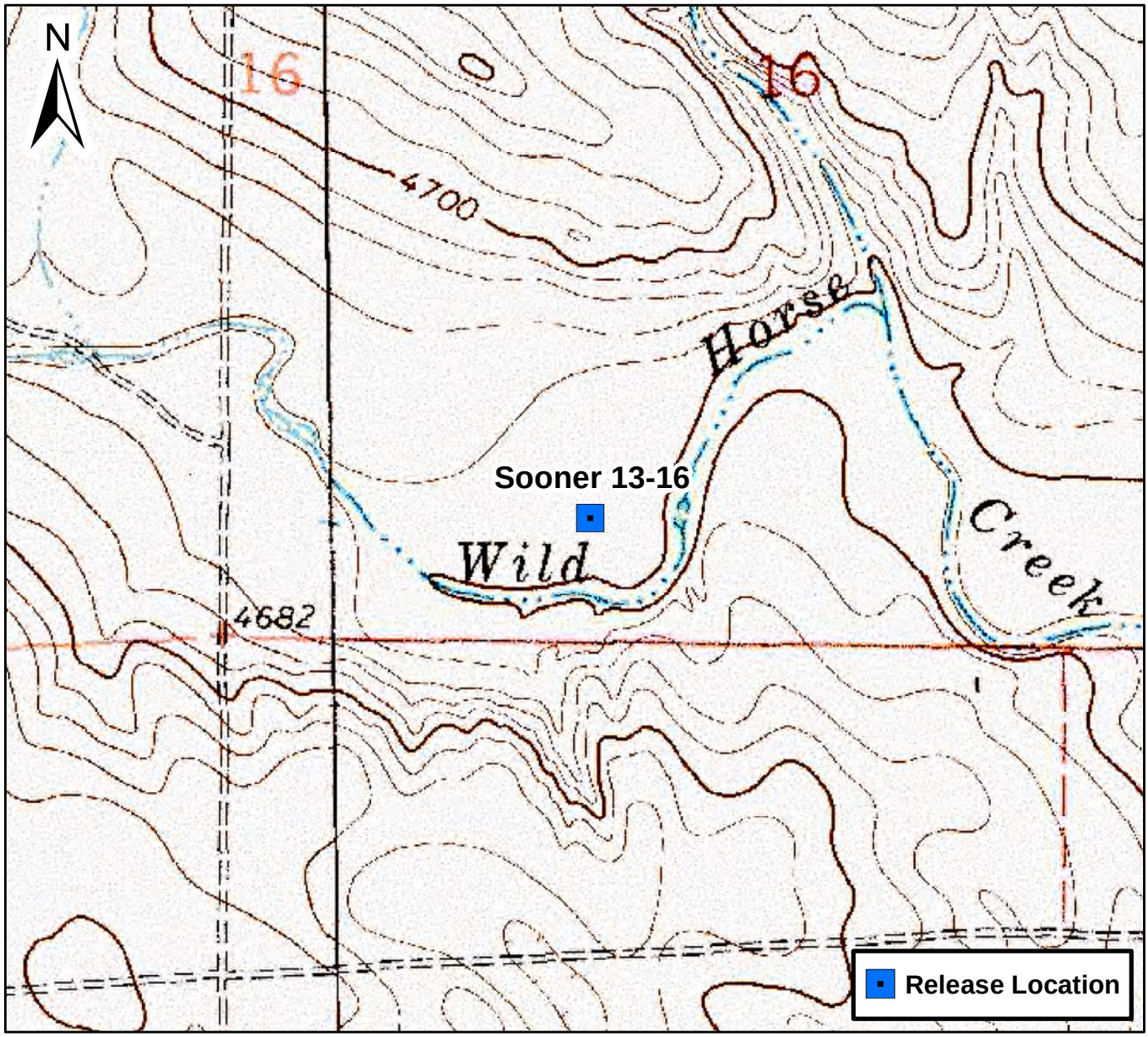
Notes:
1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Energy and Carbon Management Commission (ECMC) standards for contaminants in groundwater according to Table 910-1 (Prior to January 15th, 2021) and Table 915-1 (Post January 15, 2021) of the ECMC 900 Series Rule for E&P Waste Management.
2). Colorado Department of Health and Environment (CDPHE) Regulation 41 Groundwater Standard
3). GW01 sample collected within excavation.
NA or "-" = Not analyzed
LNAPL - Light Non-Aqueous Phase Liquid
ug/L = Micrograms per liter
< = Analytical result is less than the indicated laboratory reporting limit.
BOLD= Analytical result is in exceedance of applicable ECMC or CDPHE groundwater standards.
Wells MW02, MW03, MW16, MW17, MW18 were removed from monitoring program with ECMC approval on 12/29/2016 (Document 2527515)
*Compound falls within Table 915-1 Footnote 9.

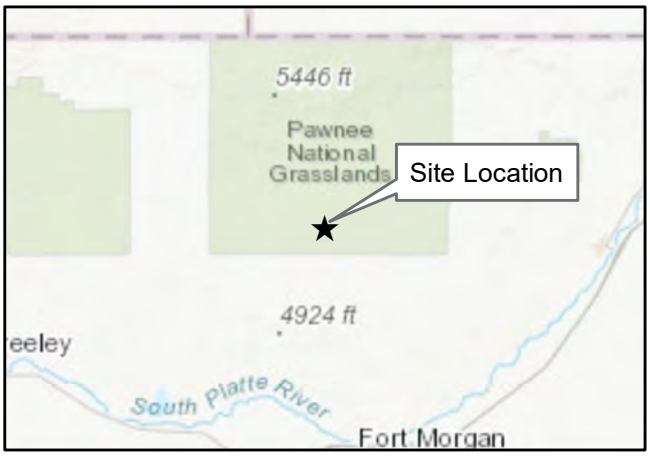
TABLE 4
SITE SPECIFIC GROUNDWATER SAMPLING AND ANALYSIS PLAN
FOUNDATION ENERGY - SOONER 13-16

Site Specific Constituent of Concern for Groundwater Analysis	ECMC Table 915-1 Groundwater Standards (1 &2)
Benzene (µg/kg)	5
Toluene (µg/L)	560
Ethylbenzene (µg/L)	700
Total Xylenes (µg/L)	1400
1,2,4 Trimethylbenzene (µg/L)	67
1,3,5 Trimethylbenzene (µg/L)	67
Naphthalene (µg/L)	140

1). Standards for groundwater (except fluorene) are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

µg/L - micrograms per liter





0 750 1,500 Feet

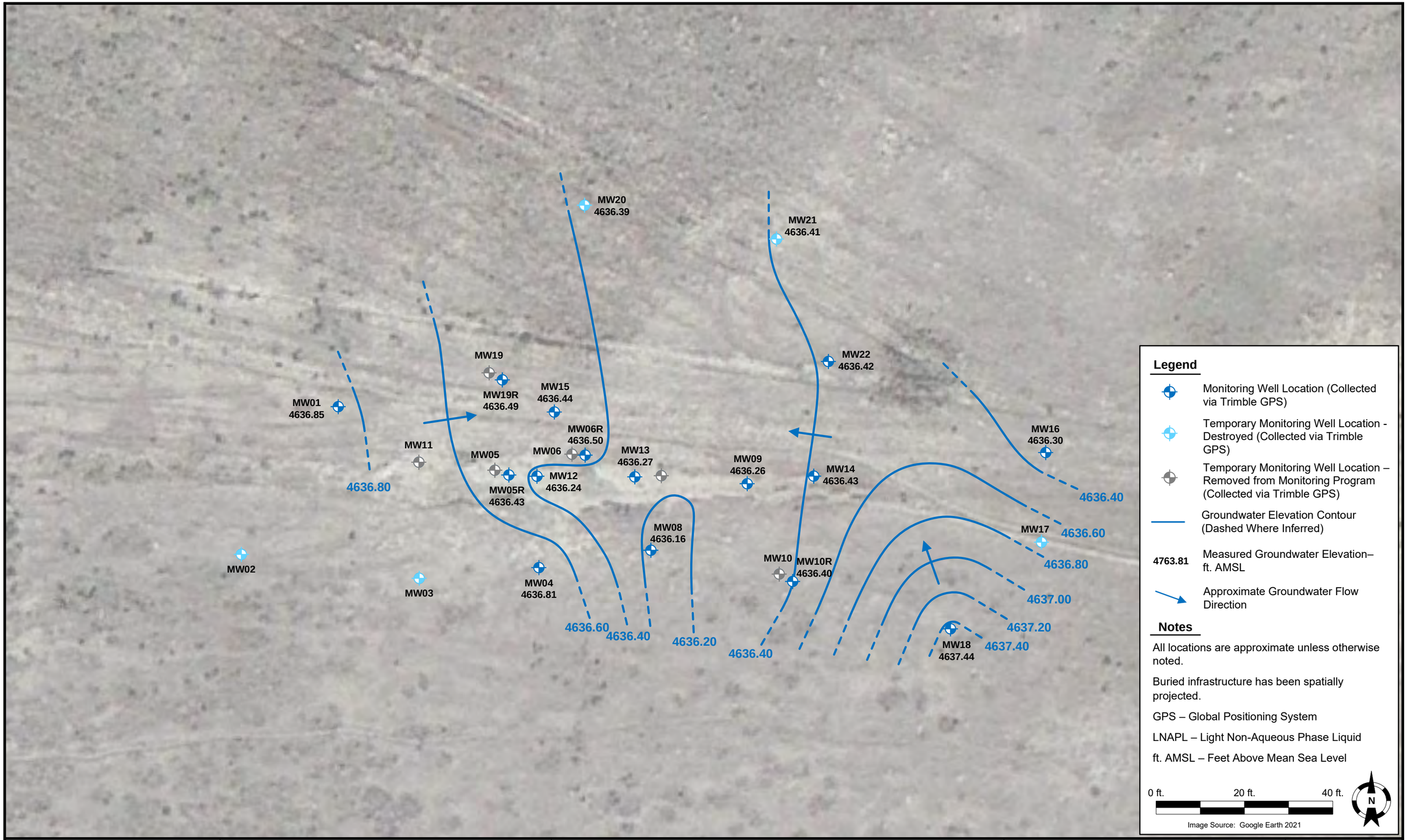
Figure 1

Site Location Map
Sooner 13-16
SESW Sec. 16-T8N-R58W
Weld County, Colorado

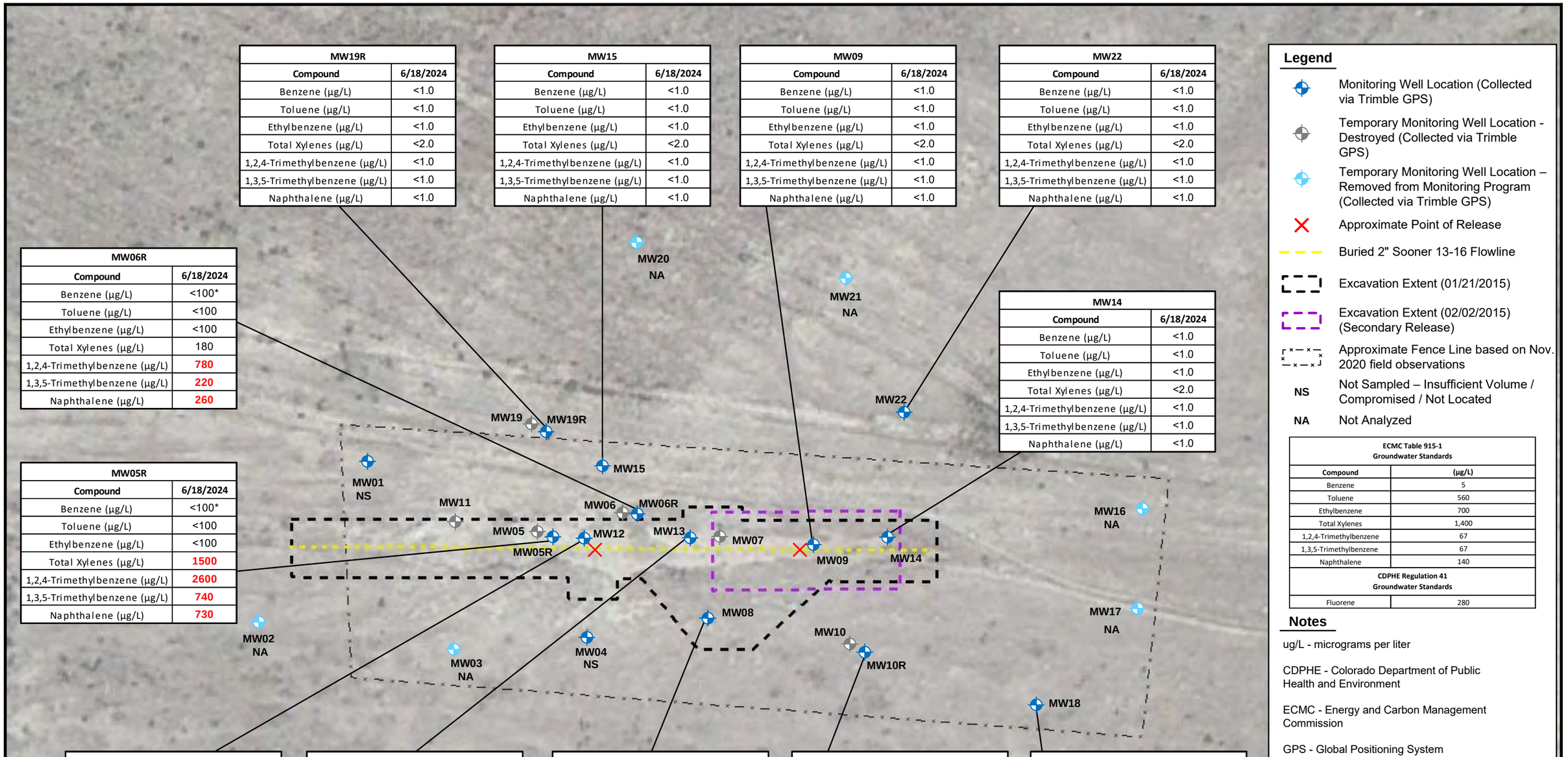
TASMAN

Drawn By: DBA
Date: 6/6/2018

DATE: April 2024 DESIGNED BY: J. Watts DRAWN BY: L. Reed	TASMAN **Tasman, Inc.** **6855 W. 119th Avenue** **Broomfield, Colorado 80020**	**Foundation Energy Inc.** **Sooner 13-16 Flowline Release** SESW, Section 16, Township 8 North, Range 58 West Weld County, Colorado	Site Map with Monitoring Well Location	Figure 2



DATE: June 26, 2024 DESIGNED BY: J. Watts DRAWN BY: L. Reed	TASMAN **Tasman, Inc.** **6855 W. 119th Avenue** **Broomfield, Colorado 80020**	**Foundation Energy Inc.** **Sooner 13-16 Flowline Release** SESW, Section 16, Township 8 North, Range 58 West Weld County, Colorado	Groundwater Potentiometric Surface Contour Map (06/18/2024)	FIGURE 3



MW19R	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW15	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW09	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW22	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW06R	
Compound	6/18/2024
Benzene (µg/L)	<100*
Toluene (µg/L)	<100
Ethylbenzene (µg/L)	<100
Total Xylenes (µg/L)	180
1,2,4-Trimethylbenzene (µg/L)	**780**
1,3,5-Trimethylbenzene (µg/L)	**220**
Naphthalene (µg/L)	**260**

MW14	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW05R	
Compound	6/18/2024
Benzene (µg/L)	<100*
Toluene (µg/L)	<100
Ethylbenzene (µg/L)	<100
Total Xylenes (µg/L)	**1500**
1,2,4-Trimethylbenzene (µg/L)	**2600**
1,3,5-Trimethylbenzene (µg/L)	**740**
Naphthalene (µg/L)	**730**

MW12	
Compound	6/18/2024
Benzene (µg/L)	<100*
Toluene (µg/L)	<100
Ethylbenzene (µg/L)	<100
Total Xylenes (µg/L)	1100
1,2,4-Trimethylbenzene (µg/L)	**970**
1,3,5-Trimethylbenzene (µg/L)	**340**
Naphthalene (µg/L)	**330**

MW13	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	3.3
1,2,4-Trimethylbenzene (µg/L)	21
1,3,5-Trimethylbenzene (µg/L)	2.7
Naphthalene (µg/L)	2.7

MW08	
Compound	6/18/2024
Benzene (µg/L)	<10*
Toluene (µg/L)	<10
Ethylbenzene (µg/L)	31
Total Xylenes (µg/L)	100
1,2,4-Trimethylbenzene (µg/L)	**110**
1,3,5-Trimethylbenzene (µg/L)	28
Naphthalene (µg/L)	30

MW10R	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

MW18	
Compound	6/18/2024
Benzene (µg/L)	<1.0
Toluene (µg/L)	<1.0
Ethylbenzene (µg/L)	<1.0
Total Xylenes (µg/L)	<2.0
1,2,4-Trimethylbenzene (µg/L)	<1.0
1,3,5-Trimethylbenzene (µg/L)	<1.0
Naphthalene (µg/L)	<1.0

Legend

- Monitoring Well Location (Collected via Trimble GPS)
- Temporary Monitoring Well Location - Destroyed (Collected via Trimble GPS)
- Temporary Monitoring Well Location – Removed from Monitoring Program (Collected via Trimble GPS)
- Approximate Point of Release
- Buried 2" Sooner 13-16 Flowline
- Excavation Extent (01/21/2015)
- Excavation Extent (02/02/2015) (Secondary Release)
- Approximate Fence Line based on Nov. 2020 field observations
- NS – Not Sampled – Insufficient Volume / Compromised / Not Located
- NA – Not Analyzed

ECMC Table 915-1 Groundwater Standards	
Compound	(µg/L)
Benzene	5
Toluene	560
Ethylbenzene	700
Total Xylenes	1,400
1,2,4-Trimethylbenzene	67
1,3,5-Trimethylbenzene	67
Naphthalene	140
CDPHE Regulation 41 Groundwater Standards	
Fluorene	280

Notes

ug/L - micrograms per liter

CDPHE - Colorado Department of Public Health and Environment

ECMC - Energy and Carbon Management Commission

GPS - Global Positioning System

LNAPL - Light Non-Aqueous Phase Liquid (Groundwater sample not collected)

Red text denotes exceedances of the ECMC and CDPHE groundwater standards

*Compound falls within ECMC Table 915-1 Footnote 9.

0 ft. 20 ft. 40 ft. N

DATE: June 26, 2024

DESIGNED BY: J. Watts

DRAWN BY: L. Reed

TASMAN

Tasman, Inc.
6855 W. 119th Avenue
Broomfield, Colorado 80020

Foundation Energy Inc.
Sooner 13-16 Flowline Release
SESW, Section 16, Township 8 North, Range 58 West
Weld County, Colorado

Groundwater Analytical Map (06/18/2024)

FIGURE 4

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 25, 2024

Afton Iiams
Tasman Geosciences
6855 W. 119th Ave.
Broomfield, CO 80020

RE: Sooner 13-16
Work Order #2406274

Enclosed are the results of analyses for samples received by Summit Scientific on 06/18/24 17:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Natalie Tessier For Paul Shrewsbury
President

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW05R	2406274-01	Water	06/18/24 13:38	06/18/24 17:45
MW06R	2406274-02	Water	06/18/24 13:20	06/18/24 17:45
MW08	2406274-03	Water	06/18/24 12:59	06/18/24 17:45
MW09	2406274-04	Water	06/18/24 12:01	06/18/24 17:45
MW10R	2406274-05	Water	06/18/24 11:25	06/18/24 17:45
MW12	2406274-06	Water	06/18/24 13:49	06/18/24 17:45
MW13	2406274-07	Water	06/18/24 12:24	06/18/24 17:45
MW14	2406274-08	Water	06/18/24 11:55	06/18/24 17:45
MW15	2406274-09	Water	06/18/24 13:15	06/18/24 17:45
MW18	2406274-10	Water	06/18/24 11:20	06/18/24 17:45
MW19R	2406274-11	Water	06/18/24 12:52	06/18/24 17:45
MW22	2406274-12	Water	06/18/24 12:21	06/18/24 17:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2406274	

		Send Data To:	Send Invoice To:
Client:	Tasman	Project Manager: Brian Humphrey, Afton Iiams	Company:
Address:	6855 W 119th Ave	E-Mail: bhumphrey@tasman-geo.com	Project Name/Location:
City/State/Zip:	Broomfield / CO / 80220	qiiams@foundationenergy.com, jwatts@tasman-geo.com	AFE#:
Phone:	303-487-1228	Project Name: Sooner 13-16	PO/Billing Codes:
Sampler Name:	Keegan M. / Jordan S.	Project Number:	Contact:

				Preservative				Matrix				Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other ___	Water	Soil	Air-Canister #	Other ___	Table 915-1 organics							
1	MW05R	6/18/24	13:38	3	X				X				X							
2	MW06R		13:20																	
3	MW08		12:59																	
4	MW09		12:01																	
5	MW10R		11:25																	
6	MW12		13:49																	
7	MW13		12:24																	
8	MW14		11:55																	
9	MW15		13:15																	
10	MW18		11:20																	
11	MW19R		12:52																	
12	MW22		12:21	↓	↓				↓				↓							
13																				
14																				
15																				

Relinquished by:	Date/Time:	Received by:	Date/Time:
Keegan McDonald	6/18/24 17:00		
Relinquished by:	Date/Time:	Received by:	Date/Time:
Tasman	6/18/24 1745		6/18/24 1745
Relinquished by:	Date/Time:	Received by:	Date/Time:

TAT Business Days		Field DO	
Same Day		Field EC	
1 Day		Field ORP	
2 Days		Field pH	
3 Days		Field Temp.	
Standard	X	Field Turb.	

Notes:

Temperature Upon Receipt: 7.4 | Corrected Temperature: 0 | IR gun #: 1 | HNO3 lot #:

S2

Sample Receipt Checklist

S2 Work Order# 2406274

Client: Tasman Client Project ID: Sooner 13-16

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other [ ] Airbill #: [ ]

[ ] [-] [ ] [ ] [ ]

Matrix (Check all that apply) Air [ ] Soil/Solid [ ] Water [ ] Other [ ]

Temp (°C) [7.4] Thermometer # [1]

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? (1) **NOTE:** If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	-			ambient
If custody seals are present, are they intact? (1)	-			
Are samples due within 48 hours present?		-		
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe^{2+}), Hexavalent Chromium (Cr^{6+}, Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen		-		
Is a chain-of-custody (COC) form present and filled out Completely? (1)	-			
Is the COC properly relinquished by the client w/ date and time recorded? (1)	-			
Were all samples received intact? (1)	✓			
Was adequate sample volume provided? (1)	✓			
Does the COC agree with the number and type of sample bottles received? (1)	✓			
Do the sample IDs on the bottle labels match the COC?(1)	✓			
For volatiles in water – is there headspace present? **If yes, contact client and note in narrative.**		✓		
Are samples preserved that require preservation **(excluding cooling)?** (1) Note the type of preservative in the comments column – HCl, H_2SO_4, NaOH, HNO_3, etc.	✓			HCl
If samples are acid preserved for metals, is the pH ≤ 2? (1) Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

(1) If NO, then contact the client before proceeding with analysis and note in case narrative.

AS
Custodian Printed Name

6/18/24
Date/Time

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW05R

2406274-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 13:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	100	ug/l	100	BHF0594	06/19/24	06/21/24	EPA 8260B	R-05
Toluene	ND	100	"	"	"	"	"	"	R-05
Ethylbenzene	ND	100	"	"	"	"	"	"	R-05
Xylenes (total)	**1500**	200	"	"	"	"	"	"	
Naphthalene	**730**	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2600**	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**740**	100	"	"	"	"	"	"	

Date Sampled: **06/18/24 13:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.1	*90.8 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.8	*103 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.5	*101 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW06R

2406274-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	100	ug/l	100	BHF0594	06/19/24	06/21/24	EPA 8260B	R-05
Toluene	ND	100	"	"	"	"	"	"	R-05
Ethylbenzene	ND	100	"	"	"	"	"	"	R-05
Xylenes (total)	**180**	20	"	10	"	"	"	"	J-02
Naphthalene	**260**	100	"	100	"	"	"	"	
1,2,4-Trimethylbenzene	**780**	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**220**	100	"	"	"	"	"	"	

Date Sampled: **06/18/24 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.4	*92.6 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.6	*102 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	*99.3 %*	*21-167*		"	"	"	"	

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW08

2406274-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 12:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	10	ug/l	10	BHF0594	06/19/24	06/21/24	EPA 8260B	R-05
Toluene	ND	10	"	"	"	"	"	"	R-05
Ethylbenzene	**31**	10	"	"	"	"	"	"	
Xylenes (total)	**100**	20	"	"	"	"	"	"	
Naphthalene	**30**	10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**110**	10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**28**	10	"	"	"	"	"	"	

Date Sampled: **06/18/24 12:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.6	*87.1 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.7	*103 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	*97.7 %*	*21-167*		"	"	"	"	

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW09

2406274-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.3	*92.6 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.6	*102 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.9	*97.0 %*	*21-167*		"	"	"	"	

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW10R

2406274-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.2	*91.7 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.9	*104 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	*100 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW12

2406274-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 13:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	100	ug/l	100	BHF0594	06/19/24	06/21/24	EPA 8260B	R-05
Toluene	ND	100	"	"	"	"	"	"	R-05
Ethylbenzene	ND	100	"	"	"	"	"	"	R-05
Xylenes (total)	**1100**	200	"	"	"	"	"	"	
Naphthalene	**330**	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**970**	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**340**	100	"	"	"	"	"	"	

Date Sampled: **06/18/24 13:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.7	*87.8 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.8	*104 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	*98.8 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW13

2406274-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	**3.3**	2.0	"	"	"	"	"	"	
Naphthalene	**2.7**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**21**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**2.7**	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.7	*87.7 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.8	*104 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.7	*103 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW14

2406274-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.6	*94.2 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.8	*103 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	*97.1 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW15

2406274-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.3	*85.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.4	*101 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	*97.4 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW18

2406274-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	12.0	*90.1 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.4	*100 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.9	*96.5 %*	*21-167*		"	"	"	"	

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW19R

2406274-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.9	*89.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.4	*100 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.8	*96.2 %*	*21-167*		"	"	"	"	

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

MW22

2406274-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/18/24 12:21**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	BHF0594	06/19/24	06/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/24 12:21**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	11.9	*89.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8	13.4	*100 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.6	*94.1 %*	*21-167*		"	"	"	"	

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BHF0594 - EPA 5030 Water MS										
Blank (BHF0594-BLK1)				Prepared: 06/19/24 Analyzed: 06/21/24						
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*11.9*		*"*	*13.3*		*89.4*	*23-173*			
Surrogate: Toluene-d8	*13.4*		*"*	*13.3*		*100*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*13.2*		*"*	*13.3*		*98.6*	*21-167*			
LCS (BHF0594-BS1)				Prepared: 06/19/24 Analyzed: 06/21/24						
Benzene	37.5	1.0	ug/l	33.3		113	51-132			
Toluene	37.1	1.0	"	33.3		111	51-138			
Ethylbenzene	38.0	1.0	"	33.3		114	58-146			
m,p-Xylene	76.8	2.0	"	66.7		115	57-144			
o-Xylene	35.6	1.0	"	33.3		107	53-146			
Naphthalene	30.0	1.0	"	33.3		90.1	70-130			
1,2,4-Trimethylbenzene	35.6	1.0	"	33.3		107	70-130			
1,3,5-Trimethylbenzene	35.8	1.0	"	33.3		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	*11.8*		*"*	*13.3*		*88.8*	*23-173*			
Surrogate: Toluene-d8	*13.4*		*"*	*13.3*		*100*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*13.0*		*"*	*13.3*		*97.9*	*21-167*			
Matrix Spike (BHF0594-MS1)	**Source: 2406236-01**			Prepared: 06/19/24 Analyzed: 06/21/24						
Benzene	36.6	1.0	ug/l	33.3	ND	110	34-141			
Toluene	36.2	1.0	"	33.3	ND	109	27-151			
Ethylbenzene	37.9	1.0	"	33.3	ND	114	29-160			
m,p-Xylene	76.6	2.0	"	66.7	ND	115	20-166			
o-Xylene	35.9	1.0	"	33.3	ND	108	33-159			
Naphthalene	29.7	1.0	"	33.3	ND	89.1	70-130			
1,2,4-Trimethylbenzene	36.0	1.0	"	33.3	ND	108	70-130			
1,3,5-Trimethylbenzene	35.8	1.0	"	33.3	ND	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*11.8*		*"*	*13.3*		*88.7*	*23-173*			
Surrogate: Toluene-d8	*13.2*		*"*	*13.3*		*98.6*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*13.0*		*"*	*13.3*		*97.7*	*21-167*			

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BHF0594 - EPA 5030 Water MS										
Matrix Spike Dup (BHF0594-MSD1)	**Source: 2406236-01**			Prepared: 06/19/24 Analyzed: 06/21/24						
Benzene	37.2	1.0	ug/l	33.3	ND	112	34-141	1.52	30	
Toluene	37.0	1.0	"	33.3	ND	111	27-151	2.02	30	
Ethylbenzene	37.6	1.0	"	33.3	ND	113	29-160	0.768	30	
m,p-Xylene	76.6	2.0	"	66.7	ND	115	20-166	0.0392	30	
o-Xylene	35.7	1.0	"	33.3	ND	107	33-159	0.363	30	
Naphthalene	30.2	1.0	"	33.3	ND	90.6	70-130	1.67	30	
1,2,4-Trimethylbenzene	34.4	1.0	"	33.3	ND	103	70-130	4.63	30	
1,3,5-Trimethylbenzene	34.6	1.0	"	33.3	ND	104	70-130	3.61	30	
Surrogate: 1,2-Dichloroethane-d4	*12.0*		*"*	*13.3*		*90.0*	*23-173*			
Surrogate: Toluene-d8	*13.5*		*"*	*13.3*		*102*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*12.8*		*"*	*13.3*		*95.9*	*21-167*			

S2

Tasman Geosciences 6855 W. 119th Ave. Broomfield CO, 80020	Project: Sooner 13-16 Project Number: [none] Project Manager: Afton Iiams	**Reported:** 06/25/24 10:00

Notes and Definitions

R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
J-02	Sample diluition results are outside calibration range so the diltuion factor and final results have been manually corrected.
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