

Table 3
Historic Soil Analytical Results
2007 - 2021
MacDonald Oil Company
1431 Kocher Street, Huntington, IN 46750

Sample Location	Sample Collection Date	Sample Depth	PID Results	Benzene	1,2,4-Trimethylbenzene	Toluene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Lead
		feet	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
IDEM R2 Soil LT Residential SES Screening Levels				na	na	na	300	300	30	400
IDEM R2 Soil LT Commercial SES Screening Levels				na	na	na	400	3,000	90	800
IDEM R2 Soil ST Excavation SES Screening Levels				2,000	200	800	400	7,000	300	1,000
Excavation Confirmational Sampling 2021										
SL-T1 SW	2/24/2021	3.50	0.0	<0.0047	<0.0047	<0.0047	<0.0058	<0.0058	<0.0058	NA
SL-T2 SW	2/24/2021	3.50	0.0	<0.0057	<0.0057	<0.0057	<0.0058	<0.0058	<0.0058	NA
SL-T3 SW	2/24/2021	3.50	1.3	<0.0049	<0.0049	<0.0049	<0.0061	<0.0061	0.0070	NA
SL-T4 BTM	2/24/2021	7	0.5	<0.0065	<0.0065	<0.0065	<0.0055	<0.0055	<0.0055	NA
SL-T5 SW	2/26/2021	3.50	274.0	<0.53	5.50	<0.53	2.10	2.5	0.19	NA
SL-T6 SW	2/26/2021	3.50	259.0	<0.0050	2.2	<0.0050	0.028	0.120	<0.0060	NA
SL-T7 SW	2/26/2021	3.50	0.2	<0.0053	<0.0053	<0.0053	<0.026	0.025	0.024	NA
SL-T8 BTM	2/26/2021	7.00	69.0	<0.0050	<0.0050	<0.0050	0.010	0.0068	0.0068	NA
SL-T9 SW	2/26/2021	3.5	0.0	<0.0057	<0.0057	<0.0057	0.0063	0.011	0.0075	NA
SL-T10 SW	2/26/2021	3.5	222.0	1.7	<1.0	<1.0	17.4	20.5	<0.0060	NA
SL-T11 SW	2/26/2021	3.5	350.0	2.20	<0.60	<0.60	20.8	98.2	1.20	NA
SL-T12 BTM	2/26/2021	7.00	328	0.83	<0.50	<0.50	17.1	22.4	<0.0062	NA
SL-T13 SW	3/1/2021	3.5	276	1.7	3.6	<0.47	24.6	67.9	2.00	NA
SL-T14 SW	3/1/2021	3.5		0.16	<0.0049	<0.0049	0.16	71.1	0.14	NA
SL-T15 BTM	3/1/2021	7.00	376.0	2.5	<0.53	<0.53	25.8	88.8	0.73	NA
SL-16 SW	3/2/2021	3.5	158.0	2.5	8.10	<0.26	70.3	113	2.70	NA
SL-17 SW	3/2/2021	3.5	149.0	<0.22	<0.22	<0.22	12.4	21.7	0.42	NA
SL-18 SW	3/2/2021	3.5	155.0	0.18	0.21	0.0093	18.8	25.1	1.50	NA
SL-19 SW	3/2/2021	3.5	174.0	1.6	<0.90	<9.0	31.1	49.2	<0.060	NA
SL-20 BTM	3/2/2021	7.00	104.0	1.10	0.63	<0.26	60.6	91.6	0.89	NA
SL-21 SW	3/3/2021	3.5	11.9	<0.0047	<0.0047	<0.0047	<0.0062	<0.0062	0.0360	NA
SL-22 SW	3/3/2021	3.5	15.0	<0.0044	0.0054	<0.0044	0.018	0.016	<0.0057	NA
SL-23 SW	3/3/2021	3.5	1.0	<0.0039	<0.0039	<0.0039	<0.0063	<0.0063	<0.0067	NA
SL-24 SW	3/3/2021	3.5	0.2	<0.0055	<0.0055	<0.0055	<0.0058	<0.0058	<0.0058	NA
SL-25 BTM	3/3/2021	7.00	2.1	<0.0048	<0.0048	<0.0048	0.024	0.034	0.026	NA

ND = Not Detectable NA = Not Available
Samples analyzed via USEPA 8260, 8270 and 6010 Methodology

Table 3
Historic Soil Analytical Results
2007 - 2021
MacDonald Oil Company
1431 Kocher Street, Huntington, IN 46750

Sample Location	Sample Collection Date	Sample Depth	PID Results	Benzene	1,2,4-Trimethylbenzene	Toluene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Lead
		feet	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
IDEM R2 Soil LT Residential SES Screening Levels				na	na	na	300	300	30	400
IDEM R2 Soil LT Commercial SES Screening Levels				na	na	na	400	3,000	90	800
IDEM R2 Soil ST Excavation SES Screening Levels				2,000	200	800	400	7,000	300	1,000
Avant LSI Report 2007										
SB-01	7/12/2007	NA	NA	< 0.006	NA	< 0.006	NA	NA	< 0.006	NA
SB-02	7/12/2007	NA	NA	2.38	NA	< 0.3	NA	NA	< 0.6	NA
SB-03	7/12/2007	NA	NA	4.81	NA	0.857	NA	NA	22.1	NA
SB-04	7/12/2007	NA	NA	2.24	NA	< 0.3	NA	NA	5.65	NA
SB-05	7/12/2007	NA	NA	0.994	NA	12.7	NA	NA	14.8	NA
LSI Report 2016										
SB-04	9/6/2016	7.0 - 7.5	140	< 0.27	< 0.27	< 0.27	< 0.55	< 0.55	< 0.0064	7.9
SB-05	9/6/2016	7.0 - 7.5	91.0	0.01	< 0.0037	< 0.0037	< 0.0056	< 0.0056	< 0.0056	11.1
SB-06	9/6/2016	7.0 - 7.5	25.0	< 0.10	< 0.10	< 0.10	0.35	< 0.0068	< 0.0068	14.1
SB-07	9/6/2016	6.0 - 6.5	78.0	< 0.0071	< 0.0071	0.0082	0.22	0.096	0.021	33.4
SB-08	9/6/2016	4.0 - 4.5	0.0	< 0.0046	< 0.0046	< 0.0046	< 0.0062	< 0.0062	< 0.0062	10.7

Table 3
Historic Soil Analytical Results
2007 - 2021
MacDonald Oil Company
1431 Kocher Street, Huntington, IN 46750

Sample Location	Sample Collection Date	Sample Depth	PID Results	Benzene	1,2,4-Trimethylbenzene	Toluene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Lead
		feet	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
IDEM R2 Soil LT Residential SES Screening Levels				na	na	na	300	300	30	400
IDEM R2 Soil LT Commercial SES Screening Levels				na	na	na	400	3,000	90	800
IDEM R2 Soil ST Excavation SES Screening Levels				2,000	200	800	400	7,000	300	1,000
ISC Report 2018										
SB-04	6/21/2018	2.0 - 3.0	73.5	< 0.24	< 0.24	< 0.24	13.6	28.8	0.26	11.8
SB-04	6/21/2018	5.0 - 6.0	780	0.026	< .0045	< .0045	10.2	14.2	< .0045	9.1
SB-05	6/21/2018	2.0 - 3.0	80.0	< 8.8	< 8.8	< 8.8	65.6	102	< 8.8	11.2
SB-05	6/21/2018	5.0 - 6.0	90.0	0.094	< 0.19	< 0.19	25.7	39.0	< 0.19	14.2
SB-06	6/21/2018	2.0 - 3.0	5.0	< 0.24	< 0.24	< 0.24	1.3	1.4	0.0099	11.6
SB-06	6/21/2018	5.0 - 6.0	120	< 0.24	< 0.24	< 0.24	1.1	0.89	< 0.24	10.8
SB-07	6/21/2018	2.0 - 3.0	0.0	< 0.0045	< 0.0045	< 0.0045	0.045	0.072	< 0.0045	NA
SB-07	6/21/2018	5.0 - 6.0	0.0	< 0.0047	< 0.0047	< 0.0047	0.042	0.057	0.084	8.0
SB-08	6/21/2018	2.0 - 3.0	0.0	< 0.0046	< 0.0046	< 0.0046	0.014	0.017	< 0.0046	9.8
SB-08	6/21/2018	5.0 - 6.0	0.0	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	12.2
SB-09	6/21/2018	2.0 - 3.0	0.0	< 0.0056	< 0.0056	< 0.0056	0.0059	0.017	0.0063	9.4
SB-09	6/21/2018	5.0 - 6.0	10.0	< 0.0047	< 0.0047	< 0.0047	0.014	0.0090	0.0086	4.5
SB-10	6/21/2018	2.0 - 3.0	0.0	< 0.0043	< 0.0043	< 0.0043	< 0.0086	0.0060	< 0.0043	11.5
SB-10	6/21/2018	5.0 - 6.0	0.0	< 0.0056	< 0.0056	< 0.0056	0.011	0.011	< 0.0056	8.2
SB-11	6/21/2018	2.0 - 3.0	0.0	< 0.0047	< 0.0047	< 0.0047	< 0.0094	< 0.0094	< 0.0047	NA
SB-11	6/21/2018	5.0 - 6.0	0.0	< 0.0047	< 0.0047	< 0.0047	0.12	0.22	0.44	7.8
FSI Report 2019										
SB-12	4/12/2019	2.0 - 3.0	0.0	< 0.0049	< 0.0049	< 0.0049	0.015	0.017	0.017	16.3
SB-12	4/12/2019	6.0 - 7.0	0.0	< 0.0055	< 0.0055	< 0.0055	< 0.0060	< 0.0055	< 0.0060	11.7
SB-13A	4/12/2019	2.0 - 3.0	0.3	< 0.0047	< 0.0047	< 0.0047	< 0.0060	< 0.0060	0.0072	11.0
SB-13A	4/12/2019	6.0 - 7.0	49.4	< 0.0049	0.0082	< 0.0049	0.31	0.099	0.0092	11.7
SB-13B	4/12/2019	3.0 - 4.0	117	0.13	2.1	< 0.46	5.6	11.3	11.8	11.3
SB-13B	4/12/2019	6.0 - 7.0	223	0.41	166	0.86	1.0	2.3	30.8	10.0
SB-13C	4/12/2019	2.0 - 3.0	0.0	< 0.0049	< 0.0049	< 0.0049	< 0.0060	< 0.0060	< 0.0060	12.0
SB-13C	4/12/2019	5.0 - 6.0	0.3	< 0.0042	< 0.0042	< 0.0042	0.0089	0.012	0.043	9.9
SB-14	4/12/2019	2.0 - 3.0	0.0	< 0.0049	< 0.0042	< 0.0049	< 0.0059	0.0079	< 0.0059	19.6
SB-14	4/12/2019	5.5 - 6.5	24.8	0.21	0.35	< 0.27	6.4	2.2	1.4	12.4

Table 2
Historic Groundwater Analytical Results
Samples Collected 2015-2023
MacDonald Oil Company
1431 Kocher Street, Huntington, IN 46750

Sample Collection Date	Sample Location	Sample Description Notes	Benz(a)anthracene	Benz(e)pyrene	Dibenz(a,h)anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Benzene	Xylene (total)	1,2,4-Trimethylbenzene	Naphthalene	Lead	Disolved Lead
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
4/23/2019	MW-13	No Odor	<0.10	<0.10	<0.10	45.3	72.1	16.7	1,080	475	170	14.0	<10.0
11/29/2021		Slight Odor	<0.10	<0.10	<0.10	120	221	11.7	1,340	841	201	NA	<10.0
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	1.0	1.4	<5.0	27.4	37.1	8.6	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	1.2	1.5	<5.0	17.6	32.3	8.6	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	15.0	19	<5.0	186	215	61.8	NA	NA
9/20/2022		Strong Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	8.91	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
4/23/2019	MW-14	No Odor	<0.10	<0.10	<0.10	9.6	1.9	6.8	<10.0	<5.0	<1.0	20.6	<10.0
11/29/2019		Slight Odor	<0.10	<0.10	<0.10	38.5	<1.0	144	35.8	28.1	<1.0	NA	<10.0
9/23/2021		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/21/2021		No Odor	<0.10	<0.10	<0.10	2.2	<1.0	68.3	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		StrongOdor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	8.97	<1.0	NA	NA
12/16/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
9/23/2021	MW-15	Free Product	0.54	0.44	0.43	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	3.1	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	0.62	<0.10	21.4	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		No Odor	<0.50	<0.50	<0.50	12.1	<5.0	<5.0	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3.26.2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
9/23/2021	MW-16	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	13.5	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
9/23/2021	MW-17	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	1.5	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
IDEM R2 GW LT Residential SES Screening Levels			0.3	2.0	0.3	10	40	5.0	10,000	60	1.0	400	150
ND = Not Detectable NA = Not Available NS= Not Sampled (Insufficient GW)													
Samples analyzed via USEPA 8260, 8270 and 6010 Methodology													

Table 2 Historic Groundwater Analytical Results Samples Collected 2015-2023 MacDonald Oil Company 1431 Kocher Street, Huntington, IN 46750														
Sample Collection Date	Sample Location	Sample Description Notes	Benzo(a)anthracene	Benzo(a)pyrene	Dibenz(a,h)anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Benzene	Xylene (total)	1,2,4-Trimethylbenzene	Naphthalene	Lead	Dissolved Lead	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
10/9/2018	MW-09	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	33.0	<10.0	
4/23/2019		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	<10.0	<10.0	
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		No Odor	NA	NA	NA	<5.0	<5.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
12/16/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
10/9/2018	MW-10	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	620	<10.0	
4/23/2019		No Odor	<0.13	<0.13	<0.13	<1.3	<1.3	<5.0	<10.0	<5.0	<1.3	116	<10.0	
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/16/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
10/9/2018	MW-11	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	<10.0	<10.0	
4/23/2019		No Odor	<0.11	<0.11	<0.11	<1.1	<1.1	<5.0	<10.0	<5.0	<1.1	<10.0	<10.0	
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/16/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
4/23/2019	MW-12	No Odor	<0.14	<0.14	<0.14	<1.4	<1.4	<5.0	<10.0	<5.0	<1.4	68.1	<10.0	
11/29/2019		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	<10.0	
9/23/2021		Ponded WT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA	NA
IDEM R2 GW LT Residential SES Screening Levels			0.3	2.0	0.3	10	40	5.0	10,000	60	1.0	400.0	150	

Table 2 Historic Groundwater Analytical Results Samples Collected 2015-2023 MacDonald Oil Company 1431 Kocher Street, Huntington, IN 46750													
Sample Collection Date	Sample Location	Sample Description Notes	Benzo(a)anthracene	Benzo(e)pyrene	Dibenz(a,h)anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Benzene	Xylene (total)	1,2,4-Trimethylbenzene	Naphthalene	Lead	Dissolved Lead
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
10/9/2018	MW-05	Odor	<0.10	<0.10	<0.10	602	916	6.9	21.0	9.8	46.7	10.5	<10.0
4/23/2019		Odor	1.7	<0.62	<0.62	598	903	<5.0	<10.0	<5.0	<6.2	11.5	<10.0
11/29/2019		Odor-Black	12.7	2.30	NA	338	85.7	<5.0	<10.0	<5.0	<10.0	NA	<10.0
9/23/2021		Odor	0.52	0.18	<0.10	47.5	4.1	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		Odor	1.5	<0.50	<0.50	34.5	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		Odor	0.19	<0.50	<0.50	2.8	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		Odor	0.27	<0.10	<0.10	31.3	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	6.34	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	0.27	<0.10	<0.10	10.9	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
10/9/2018	MW-06	Slight Odor-Black	<0.10	<0.10	<0.10	<2.1	<2.1	10.3	31.9	<5.0	<2.1	145	<10.0
4/23/2019		Slight Odor-Black	<0.11	<0.11	<0.11	<1.1	<1.1	<5.0	<10.0	<5.0	<1.1	15.6	<10.0
11/29/2019		No Odor	<1.0	<1.0	<0.10	<10.0	<10.0	<5.0	<10.0	<5.0	<10.0	NA	<10.0
9/23/2021		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/16/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
10/9/2018	MW-07	No Odor	<0.10	<0.10	<0.10	<1.4	<1.4	<5.0	<10.0	<5.0	<1.4	306	<10.0
4/23/2019		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	271	<10.0
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		Slight Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
10/9/2018		MW-08	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	144
4/23/2019	No Odor		<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	27.2	<10.0
9/23/2021	No Odor		<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021	No Odor		<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022	No Odor		<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022	Dry		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/20/2022	Dry		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/16/2022	Slight Odor		<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023	No Odor		<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
IDEM R2 GW LT Residential SES Screening Levels			0.3	2.0	0.3	10	40	5.0	10,000	60	1.0	400	150

Table 2 Historic Groundwater Analytical Results Samples Collected 2015-2023 MacDonald Oil Company 1431 Kocher Street, Huntington, IN 46750													
Sample Collection Date	Sample Location	Sample Description Notes	Benzo(a)anthracene	Benzo(a)pyrene	Dibenz(a,h)anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Benzene	Xylene (total)	1,2,4-Trimethylbenzene	Naphthalene	Lead	Dissolved Lead
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
7/22/2015	MW-01 (Well Destroyed in March 2021 Excavation RWPI)	Free Product	<10.0	<10.0	<10.0	1340	277	<25.0	<50.0	<25.0	<25.0	na	na
9/6/2016		Free Product	1.7	<1.0	<1.0	188	41.5	<5.0	<10.0	<5.0	19.8	3880	na
10/9/2018		Free Product	<0.10	0.22	<0.10	34.0	5.6	<5.0	<10.0	<5.0	10.2	98.2	<10.0
4/23/2019		Free Product	0.14	<0.13	<0.13	18.5	2.6	<5.0	<10.0	<5.0	<1.3	356	<10.0
11/29/2019		Slight Odor	0.77	<0.10	<0.10	74.9	24.8	<5.0	<10.0	<5.0	<1.0	NA	<10.0
7/22/2015	MW-02	Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	35.4	<10.0	<5.0	<1.0	NA	NA
9/6/2016		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	15.4	<10.0	<5.0	<1.0	<10.0	NA
10/9/2018		No Odor	<0.13	<0.13	<0.13	<1.3	<1.3	10.2	<10.0	<5.0	<1.3	44.2	NA
4/23/2019		No Odor	<0.12	<0.12	<0.12	<1.2	<1.2	<5.0	<10.0	<5.0	<1.2	19.6	<10.0
11/29/2019		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	20.3	<10.0	<5.0	<1.0	NA	<10.0
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	54.7	16.8	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	7.20	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<10.0	<0.10	<0.029	<1.0	<1.0	24.0	<10.0	<5.0	<1.0	NA	NA
9/6/2016	MW-03	No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	74.6	NA
10/9/2018		No Odor	<0.14	<0.14	<0.14	<1.4	<1.4	<5.0	<10.0	<5.0	<1.4	33.6	<10.0
4/23/2019		No Odor	0.55	0.47	0.36	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	70.2	<10.0
11/29/2019		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	<10.0
9/23/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
12/21/2021		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
4/1/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
6/22/2022		No Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	<1.0	<1.0	<5.0	<10.0	<5.0	<1.2	NA	NA
3/26/2023		No Odor	<0.10	<0.10	<0.029	<1.0	<1.0	<5.0	<10.0	<5.0	<1.0	NA	NA
10/9/2018	MW-04	Odor-Black	<0.10	<0.10	<0.10	54.2	33.5	414	<10.0	<5.0	2.8	32.0	<10.0
4/23/2019		Odor-Black	<1.1	<1.1	<1.1	16.2	<11.4	163	<10.0	<5.0	<11.4	228	<10.0
11/29/2019		Slight Odor	<0.10	<0.10	<0.10	30.8	19.8	124	<10.0	<5.0	<1.0	NA	<10.0
9/23/2021		Slight Odor	<0.10	<0.10	<0.10	133	121	245	<10.0	<5.0	<1.2	NA	NA
12/21/2021		Slight Odor	<0.10	<0.10	<0.10	134	<1.0	461	<10.0	<5.0	<1.2	NA	NA
4/1/2022		Slight Odor	<0.10	<0.10	<0.10	35.3	1.4	567	<10.0	<5.0	<1.2	NA	NA
6/22/2022		Slight Odor	<0.10	<0.10	<0.10	75.3	9.7	438	<10.0	<5.0	<1.2	NA	NA
9/20/2022		No Odor	<0.10	<0.10	<0.029	29.4	8.61	218	<10.0	<5.0	<1.0	NA	NA
12/16/2022		Slight Odor	<0.10	<0.10	<0.10	55.8	<1.0	276	<10.0	<5.0	1.8	NA	NA
3/26/2023	No Odor	<0.10	<0.10	<0.029	17.0	<1.0	72.8	<10.0	<5.0	<1.0	NA	NA	
IDEM R2 GW LT Residential SES Screening Levels			0.3	2.0	0.3	10	40	5.0	10,000	60	1.0	400	150