Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-1	12/3/12	0.49 J	1.2 J	15	<2
MW-1	4/1/14	<5	4.2 J	188	9.7
MW-1	4/1/14	<5	4.2 J	182	10
MW-1	4/17/14	<5	3.4 J	175	9.9
MW-1	5/28/14	<2.5	4 J	173	14.3
MW-1	9/17/14	<5	3.3 J	214	14
MW-1	12/8/14	<5	2	210	12.7
MW-1	3/11/15	<5	<5	12.6	0.9
MW-1	6/10/15	<5	1.6 J	175	10.2
MW-1	9/1/15	<5	1.6 J	174	8
MW-1	12/16/15	<5	<5	88.4	2.8
MW-1	3/16/16	<5	<5	61.5	2.9
MW-1	6/8/16	<5	<5	90.2	4.4
MW-1	9/6/16	<5	<5	62.9	2.7
MW-1	12/2/16	<5	<5	49.1	2.1
MW-1	3/7/17	<5	<5	20.6	<2
MW-1	6/8/17	<5	<5	49.8	1.9
MW-1	9/5/17	<5	<5	1.4 J	<2
MW-1	12/5/17	<5	<5	1.3 J	<2
MW-1	3/13/18	<5	<5	8.6	17.7
MW-1	6/5/18	<0.5	<2.0	28.9	16.9
MW-1	12/11/18	<0.5	<2.0	78.4	29.3
MW-1	3/18/19	<0.5	<2.0	23.4	13.2
MW-1	8/8/19	<0.5	<2.0	5.5	2.8
MW-1	12/2/19	<0.5	<2.0	6.4	13.1

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-1	3/11/20	<0.5	<2.0	1.2 J	<2.0
MW-1	6/2/20	<0.1	<0.2	4.2	<0.1
MW-1	9/2/20	0.1 J	<0.2	2.6	<0.1
MW-1	12/7/20	0.1 J	<0.2	3	1.6 J
MW-1	3/8/21	0.1 J	<0.2	1.3 J	0.4 J
MW-1	6/17/21	0.1 J	<0.2	0.5 J	<0.1
MW-1		Below detection limits since 12/12	Below detection limits since 12/12	Below MCL since 3/19	Below MCL since 3/2020
MW-2	12/3/12	0.43 J	<0.29	460	19
MW-2	4/1/14	<0.5	<1	32	1.3
MW-2	4/14/14	<5	<5	1.4 J	<2
MW-2	5/28/14	<0.5	<1	4	0.31 J
MW-2	7/11/14	<5	<5	4.5 J	<2
MW-2	9/17/14	<5	<5	8.4	<2
MW-2	12/8/2014	<5	<5	<5	<2
MW-2	3/11/2015		<5	<5	<2
MW-2	6/10/2015	<5	<5	3.6 J	<2
MW-2	9/1/2015	<5	<5	1.7 J	<2
MW-2	12/15/2015	<5	<5	1.1 J	<2
MW-2	3/16/2016	<5	<5	<5	<2
MW-2	6/8/2016	<5	<5	<5	<2
MW-2	9/6/2016	<5	<5	1.2 J	<2
MW-2	12/2/2016	<5	<5	1.0 J	<2

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-2	3/7/2017	<5	<5	17.8	1.1 J
MW-2	6/7/2017	<5	<5	1.1 J	<2
MW-2	9/5/2017	<5	<5	<5	<2
MW-2	12/5/2017	<5	<5	<5	<2
MW-2	3/13/2018	<5	<5	<5	<2
MW-2	6/5/2018	<0.5	<2.0	0.3 J	<2
MW-2	10/16/2018	<0.5	<2.0	0.7 J	0.2 J
MW-2	12/10/2018	<0.5	<2.0	0.8 J	<2.0
MW-2	3/18/2019	<0.5	<2.0	0.8 J	<2.0
MW-2	8/7/2019	<0.5	<2.0	1.6 J	0.4 J
MW-2	12/5/2019	<0.5	<2.0	0.9 J	0.1 J
MW-2	3/11/2020	<0.5	<2.0	<2.0	<2.0
MW-2	6/2/2020	<0.1	<0.2	<0.2	<0.1
MW-2	9/2/2020	<0.1	<0.2	1.1 J	<0.1
MW-2	12/7/2020	<0.1	<0.2	0.4 J	1.7 J
MW-2	3/5/2021	<0.1	<0.2	0.8 J	<0.1
MW-2	6/17/2021	<0.1	<0.2	1.0 J	<0.1
MW-2		Below detection limits since 12/12	Below detection limits since 12/12	Below MCL since 4/14	Below MCL since 4/14
MW-3	12/3/12	0.56	<0.29	140	6.4
MW-3	4/1/14	<5	<10	221	5.1
MW-3	5/28/14	<5	<10	218	7.8
MW-3	7/11/14	<5	<5	193	5.6
MW-3	9/17/14	1.1	<5	217	5.2
MW-3	12/8/2014	<50	<50	190	5.3

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-3	3/11/2015	<50	<50	127	<20
MW-3	6/10/2015	<5	<5	103	2.1
MW-3	9/1/2015	3.1 J	<5	52.7	1.0 J
MW-3	12/3/2015	2.9 J	<5	42.2	<2
MW-3	12/8/2015	1.9 J	<5	37.8	<2
MW-3	12/15/2015	<5	<5	38.4	0.8 J
MW-3	12/22/2015	<5	<5	39.9	1
MW-3	12/29/2015	<5	<5	9	<2
MW-3	3/16/2016	<5	<5	15.5	<2
MW-3	6/8/2016	<5	<5	17.2	<2
MW-3	9/6/2016	4.2 J	<5	19	<2
MW-3	12/2/2016	<1.8 J	<5	25.5	9.4
MW-3	1/11/2017	<5	<5	27.3	3.6
MW-3	3/7/2017	<5	<5	23.3	3.4
MW-3	6/7/2017	1.8 J	<5	15.7	<2
MW-3	9/5/2017	1.6 J	<5	10.7	<2
MW-3	12/5/2017	1.6 J	<5	3.3 J	<2
MW-3	3/13/2018	<5	<5	2.2 J	<2
MW-3	6/5/2018	<0.5	<2.0	1.0 J	0.1 J
MW-3	12/11/2018	<0.5	<2.0	1.4 J	0.2 J
MW-3	3/19/2019	<0.5	<2.0	1.6 J	<2.0
MW-3	8/8/2019	<0.5	<2.0	11.3	2.0 J
MW-3	12/5/2019	0.3 J	<2.0	5	0.7 J
MW-3	3/11/2020	<0.5	<2.0	2.9	<2.0
MW-3	6/2/2020	<0.1	<0.2	6.1	<0.1
MW-3	9/2/2020	0.4 J	<0.2	5.1	<0.1
MW-3	12/8/2020	<0.1	<0.2	1.6 J	<0.1
MW-3	3/8/2021	<0.1	<0.2	1.0 J	<0.1
MW-3	6/18/2021	<0.1	<0.2	1.2 J	<0.1

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-3		Below detection limits since 6/15	Below detection limits since 6/15	Below MCL since 9/15	Below detection limits since 6/17
MW-4	12/3/12	0.45	<0.29	0.35	<0.43
MW-4	4/1/14	<0.5	<1	<2	<2
MW-4	5/28/14	<0.5	<1	<2	<2
MW-4	7/11/14	<5	<5	<5	<2
MW-4	9/17/14	<5	<5	<5	<2
MW-4	12/8/2014	<5	<5	<5	<2
MW-4	3/11/2015	<5	<5	<5	<2
MW-4	6/10/2015	<5	<5	<5	<2
MW-4	9/1/2015	<5	<5	<5	<2
MW-4	12/3/2015	<5	<5	<5	<2
MW-4	12/8/2015	<5	<5	<5	<2
MW-4	12/15/2015	<5	<5	<5	<2
MW-4	12/22/2015	<5	<5	<5	<2
MW-4	3/22/2016	<5	<5	<5	<2
MW-4	12/29/2015	<5	<5	<5	<2
MW-4	6/8/2016	<5	<5	<5	<2
MW-4	9/6/2016	<5	<5	<5	<2
MW-4	12/2/2016	<5	<5	<5	<2
MW-4	3/7/2017	<5	<5	<5	<2

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-4	6/8/2017	<5	<5	4.9 J	0.9 J
MW-4	9/5/2017	<5	<5	<5	<2
MW-4	12/5/2017	<5	<5	<5	<2
MW-4	3/13/2018	<5	<5	<5	<2
MW-4	6/5/2018	<0.5	<2.0	0.3 J	<2
MW-4	12/11/2018	<0.5	<2.0	<2.0	<2
MW-4	3/18/2019	<0.5	<2.0	0.8 J	<2
MW-4	8/7/2019	<0.5	<2.0	<2.0	<2
MW-4	12/5/2019	<0.5	<2.0	<2.0	<2
MW-4	3/11/2020	<0.5	<2.0	<2.0	<2
MW-4	6/2/2020	<0.1	<0.2	<0.2	<0.1
MW-4	9/2/2020	<0.1	<0.2	<0.2	<0.1
MW-4	12/8/2020	<0.1	<0.2	<0.2	<0.1
MW-4	3/8/2021	<0.1	<0.2	<0.2	<0.1
MW-4	6/18/2021	<0.1	<0.2	<0.2	<0.1

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-5	12/7/12	<0.28	<0.29	380	21
MW-5	4/25/14	<5	<5	160	12.8
MW-5	5/20/14	<5	<5	136	12.5
MW-5	5/28/14	<0.5	0.29J	144	12
MW-5	6/27/14	<50	<50	191	13
MW-5	7/24/14	<50	<50	234	19
MW-5	8/27/14	<50	<50	221	20.9
MW-5	9/17/14	<5	<5	217	37.3
MW-5	9/30/14	<5	<5	137	19
MW-5	12/8/14	<5	<5	101	38.2
MW-5	3/18/15	<5	<5	123	84.6
MW-5	6/10/15	<5	<5	87	31.9
MW-5	9/3/15	<5	<5	75.1	28.7
MW-5	12/14/15	<5	<5	46.4	12.1
MW-5	3/16/16	<5	<5	42	18.9

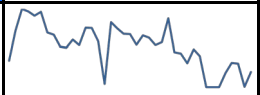
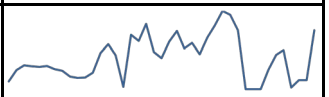
Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-5	6/9/16	<5	<5	53.3	30.1
MW-5	9/7/16	<5	<5	46.3	85.1
MW-5	12/2/16	<5	<5	54.4	27.9
MW-5	3/7/17	<5	<5	58.3	17
MW-5	6/8/17	<5	<5	34.6	16.2
MW-5	9/7/17	<5	<5	3.7 J	7.9
MW-5	10/13/17	<5	<5	<5	<2
MW-5	12/6/17	<5	<5	21.5	8.8
MW-5	3/14/18	<5	<5	14.6	15.1
MW-5	6/5/18	<0.5	<2.0	6.1	7.4
MW-5	12/11/18	<0.5	<2.0	2.2	2.8
MW-5	3/18/19	<0.5	<2.0	4.6	10.7
MW-5	8/7/19	<0.5	<2.0	2.3	6.1
MW-5	12/4/19	<0.5	<2.0	1.8 J	3.8
MW-5	3/9/20	<0.5	<2.0	2.0 J	4.3
MW-5	6/2/20	<0.1	<0.2	4.6	11.4
MW-5	9/1/20	<0.1	<0.2	12.9	32.5
MW-5	12/7/20	<0.1	<0.2	21.6	26.2
MW-5	3/5/21	<0.1	<0.2	49.4	42.6
MW-5	6/21/21	<0.1	<0.2	67.8	31.7
MW-5		Below detection limits since 9/2014	Below detection limits since 9/2014	Below MCL since 12/15	
MW-6	12/3/12	<0.28	<0.29	590	21

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-6	5/28/14	<0.5	<1	34.4	1.5
MW-6	7/24/14	<0.5	<1	234	20.8
MW-6	9/18/14	<5	<5	17.5	0.9
MW-6	12/8/2014	<5	<5	11	<2
MW-6	3/18/2015	<5	<5	15.6	0.7
MW-6	6/10/2015	<5	<5	3.1 J	<2
MW-6	9/3/2015	<5	<5	4 J	<2
MW-6	12/14/2015	<5	<5	3.2 J	<2
MW-6	3/16/2016	<5	<5	3.1 J	<2
MW-6	6/9/2016	<5	<5	38.5	5
MW-6	9/6/2016	<5	<5	6.8	1.8 J
MW-6	12/2/2016	<5	<5	24.7	4.7
MW-6	3/7/2017	<5	<5	45.5	5.5
MW-6	6/7/2017	<5	<5	19.5	4.1
MW-6	9/7/2017	<5	<5	2.0 J	<2
MW-6	12/6/2017	<5	<5	1.8 J	<2
MW-6	3/14/2018	<5	<5	1.8 J	<2
MW-6	6/5/2018	<0.5	<2.0	1.0 J	<2
MW-6	6/5/2018	<0.5	<2.0	<2.0	<2
MW-6	3/18/2019	<0.5	<2.0	1.1 J	<2
MW-6	8/8/2019	<0.5	<2.0	<2.0	<2
MW-6	12/4/2019	<0.5	<2.0	1.3 J	1.0 J
MW-6	3/9/2020	<0.5	<2.0	0.3 J	<2.0
MW-6	6/1/2020	<0.1	<0.2	<0.2	<0.1

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-6	9/1/2020	<0.1	3.4	0.6 J	<0.1
MW-6	12/7/2020	<0.1	<0.2	0.5 J	<0.1
MW-6	3/5/2021	<0.1	<0.2	0.3J	<0.1
MW-6	6/21/2021	<0.1	<0.2	0.6 J	<0.1
MW-6		Below detection limits since 12/12	Below MCL since 12/12	Below MCL since 9/14	Below detection limits since 9/17
MW-7	12/3/12	<0.28	<0.29	83	5.9
MW-7	5/28/14	<0.5	0.27J	83.7	7.66
MW-7	7/24/14	<0.5	<1	88.6	6.92
MW-7	9/18/14	<5	<5	49.6	3.6
MW-7	12/8/2014	<5	<5	52.8	4.6
MW-7	3/18/2015	<5	<5	58.7	3.4
MW-7	6/10/2015	<5	<5	27.8	3.2
MW-7	9/3/2015	<5	<5	22.1	2.5
MW-7	12/14/2015	<5	<5	16.8	2.7
MW-7	3/16/2016	<5	<5	15.4	1.8 J
MW-7	6/9/2016	<5	<5	23	3.1
MW-7	9/6/2016	<5	<5	34	11
MW-7	12/2/2016	<5	<5	25.1	5.3
MW-7	3/7/2017	<5	<5	42.5	6
MW-7	6/7/2017	<5	<5	29.3	4.8
MW-7	9/7/2017	<5	<5	6.5	0.6 J
MW-7	12/6/2017	<5	<5	3.4 J	<2
MW-7	3/18/2018	<5	<5	3.7 J	<2
MW-7	6/5/2018	<0.5	<2.0	1.6 J	<2
MW-7	12/11/2018	<0.5	<2.0	1.5 J	<2

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-7	3/18/2019	<0.5	<2.0	1.6 J	<2
MW-7	8/8/2019	<0.5	<2.0	<2.0	<2
MW-7	12/4/2019	<0.5	<2.0	1.9 J	3.3
MW-7	3/9/2020	<0.5	<2.0	1.3 J	<2.0
MW-7	6/2/2020	<0.1	<0.2	<0.2	<0.1
MW-7	9/1/2020	<0.1	<0.2	2.2	<0.1
MW-7	12/7/2020	<0.1	<0.2	19.7	25.4
MW-7	3/5/2021	<0.1	<0.2	1.3 J	<0.1
MW-7	6/22/2021	<0.1	<0.2	0.4 J	<0.1
MW-7		Below detection limits since 12/12	Below detection limits since 12/12	Below MCL since 12/14	
MW-8	3/13/2014	1040	1270	8,210	390
MW-8	4/25/2014	2010	2480	17,600	971
MW-8	5/20/2014	740	830	24,300	1,210
MW-8	5/20/14 D	970	1040	23,500	1,170
MW-8	6/27/2014	<2500	<2500	22,200	1,140
MW-8	6/27/14 D	<2500	<2500	23,400	1,180
MW-8	7/24/2014	<2500	620	17,000	1,020
MW-8	7/24/14 D	<2500	600	16,300	940
MW-8	8/27/2014	<2500	580	12,600	640
MW-8	8/27/14 D	<2500	510	12,300	580
MW-8	9/17/2014	280	450	14,800	588
MW-8	9/30/2014	<2500	<2500	13,100	840
MW-8	12/10/2014	< 1000	< 1,000	18,500	1,840

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-8	3/18/2015	< 4000	270	18,400	2,280
MW-8	5/13/2015	<500	<500	14,300	1,730
MW-8	6/10/2015	<50	<50	996	108
MW-8	9/3/2015	132	198	20,200	2,750
MW-8	12/16/2015	<1000	<1000	18,300	2,440
MW-8	3/16/2016	<1000	<1000	16,600	3,310
MW-8	6/8/2016	<1250	320 J	16,500	1,880
MW-8	9/7/2016	<1,000	<1,000	13,200	1,570
MW-8	11/29/2016	<500	<500	16,100	2,410
MW-8	12/2/2016	230 J	460 J	15,400	2,960
MW-8	12/20/2016	<500	<500	13,100	2,060
MW-8	1/11/2017	<500	<500	14,000	2,340
MW-8	3/7/2017	<1,000	<1,000	21,400	1,770
MW-8	6/7/2017	<500	<500	10,800	2,630
MW-8	9/5/2017	<500	<500	10,400	3,240
MW-8	12/6/2017	<5	<5	7,410	3,970
MW-8	3/13/2018	<500	<500	11,700	3,780
MW-8	6/5/2018	<50	<200	9,680	2,980
MW-8	12/11/2018	<50	<200	<200	<200

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-8	3/18/2019	<50	<200	<200	<200
MW-8	8/8/2019	<50	<200	<200	<200
MW-8	12/6/2019	1.4	6.2	4,460	990
MW-8	3/12/2020	<50	<200	7,570	1,740
MW-8	6/3/2020	<0.1	<0.2	7,330	1,990
MW-8	9/1/2020	<0.1	<0.2	60.6	80.8
MW-8	12/8/2020	<0.1	<0.2	4,720.0	467.0
MW-8	12/8/2020	<0.1	<0.2	4,720.0	467.0
MW-8	3/9/2021	<5.0	<9.0	3,710.0	2,980.0
MW-8	6/16/2021	<5.0	<9.0	2,730.0	2,140.0
MW-8					
MW-9	3/12/2014	<5	<5	9.9	0.8
MW-9	3/13/14 D	<5	<5	7.8	0.8
MW-9	4/25/2014	<50	<50	242	14
MW-9	5/20/2014	<50	<50	222	15
MW-9	6/27/2014	<5	<5	110	8.2
MW-9	7/24/2014	<5	<5	27.6	2.1
MW-9	8/27/2014	<5	<5	21.1	1.5
MW-9	9/30/2014	<5	<5	11	1
MW-9	12/10/2014	11.8	<5	55.1	<2
MW-9	3/11/2015	3	<5	10.2	0.6

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-9	9/3/2015	<5	<5	<5	<2
MW-9	12/3/2015	<5	<5	<5	<2
MW-9	12/8/2015	<5	<5	<5	<2
MW-9	12/15/2015	<5	<5	<5	<2
MW-9	12/22/2015	<5	<5	<5	<2
MW-9	12/29/2015	<5	<5	1.8 J	0.7 J
MW-9	3/16/2016	<5	<5	2.9 J	0.5 J
MW-9	6/8/2016	1.3 J	<5	1.2 J	<2
MW-9	9/7/2016	<5	<5	<5	<2
MW-9	12/2/2016	1.2 J	<5	<5	<2
MW-9	3/7/2017	<5	<5	<5	<2
MW-9	6/7/2017	<5	<5	2.3 J	0.5 J
MW-9	9/5/2017	<5	<5	1.4 J	<2
MW-9	12/5/2017	<5	<5	2.7 J	1.5 J
MW-9	3/13/2018	<5	<5	<5	<2
MW-9	6/5/2018	<0.5	<2.0	1.2 J	0.2 J
MW-9	9/19/2018	<0.5	<2.0	116	11.5
MW-9	10/16/2018	<0.5	<2.0	3.8	<2.0
MW-9	12/10/2018	<0.5	<2.0	16.9	0.8 J
MW-9D	12/10/2018	<0.5	<2.0	18	0.9 J
MW-9	3/19/2019	0.3 J	<2.0	4.5	<2.0
MW-9	8/7/2019	<0.5	<2.0	0.7 J	<2.0
MW-9	12/6/2019	<0.5	<2.0	4.8	<2.0
MW-9	3/11/2020	<0.5	<2.0	2.8	<2.0
MW-9	6/4/2020	0.3 J	0.3 J	5.6	1.1 J
MW-9	9/2/2020	<0.1	<0.2	0.6 J	0.2 J

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-9	12/7/2020	<0.1	<0.2	0.2 J	<0.1
MW-9	3/9/2021	<0.1	<0.2	0.3 J	0.2 J
MW-9	6/16/2021	<0.1	<0.2	0.2 J	<0.1
MW-9		Below detection limits since 3/15	Below detection limits since 6/12	Below MCL since 10/2018	Below MCL since 10/18
MW-10	3/13/2014	46.1	47.1	170	11.3
MW-10	4/25/2014	1.8	1.6	49	4.8
MW-10	5/20/2014	<5	<5	189	17.2
MW-10	6/27/2014		<250	2,620	172
MW-10	7/24/2014	<50	<50	1,540	99.8
MW-10	8/27/2014	<50	<50	1,600	78.1
MW-10	9/30/2014	<50	<50	149	< 5
MW-10	12/8/2014	<5	<5	<5	<2
MW-10	3/18/2015	<5	<5	12.9	<2
MW-10	6/29/2015	<5	<5	38	21.9
MW-10	9/1/2015	<5	<5	5.3	2.7
MW-10	12/15/2015	<5	<5	<5	<2

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-10	3/16/2016	<5	<5	77.4	12.1
MW-10	6/8/2016	<5	<5	76.9	4.6
MW-10	9/7/2016	<5	<5	7.4	13.6
MW-10	12/2/2016	<5	<5	32.3	64.1
MW-10	3/7/2017	<5	<5	1.9 J	0.9 J
MW-10	6/7/2017	<5	<5	<5	0.6 J
MW-10	9/6/2017	<5	<5	1.2 J	0.5 J
MW-10	12/5/2017	<5	<5	<5	<2
MW-10	3/13/2018	<5	<5	<5	11.1
MW-10	6/5/2018	<0.5	<2.0	10.5	1.7 J
MW-10	12/10/2018	<0.5	<2.0	3.4	<2.0
MW-10	3/19/2019	<0.5	<2.0	12.4	6.8
MW-10	8/8/2019	<0.5	<2.0	2.0 J	<2.0
MW-10	12/5/2019	<0.5	<2.0	0.5 J	O.5 J
MW-10	3/12/2020	<0.5	<2.0	<2.0	12
MW-10	6/3/2020	<0.1	<0.2	<0.2	12
MW-10	9/1/2020	<0.1	<0.2	8.5 J	5.9 J
MW-10	12/7/2020	<0.1	<0.2	12.3	2.9
MW-10	3/8/2021	<0.1	<0.2	132	133
MW-10	6/16/2021	<0.1	<0.2	17.1	<0.1
MW-10		Below detection limits since 12/14	Below detection limits since 12/14	Below MCL since 9/16	
MW-11	4/25/2014	<5	<5	50.3	4.4
MW-11	5/20/2014	<50	<50	551	54.1

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-11	6/27/2014	<5	<5	126	11.6
MW-11	7/24/2014	<5	<5	237	23.6
MW-11	8/27/2014	<5	<5	143	16.4
MW-11	9/30/2014	12.5	4.5	213	17.3
MW-11	12/10/2014	<5	<5	1.3	3.4
MW-11	3/18/2015	<5	<5	40.2	23.3
MW-11	6/29/2015	<5	<5	5 J	5.3
MW-11	9/3/2015	<5	<5	123	62.6
MW-11	12/16/2015	<5	<5	6.4	17.9
MW-11	3/16/2016	<5	<5	3.7 J	7
MW-11	6/8/2016	<5	2.8 J	2.3 J	<2
MW-11	9/7/2016	<5	<5	17.8	40.4
MW-11	11/29/2016	<5	<5	488	176
MW-11	12/2/2016	<5	<5	361	363
MW-11	12/20/2016	<5	<5	191	156
MW-11	1/11/2017	<5	<5	172	174
MW-11	3/7/2017	<5	<5	10.9	19
MW-11	6/7/2017	<5	<5	1.2 J	2.0 J
MW-11	9/6/2017	<5	<5	1.6 J	3.8
MW-11	12/6/2017	<5	<5	1.3J	2.3
MW-11	3/14/2018	<5	<5	3.8 J	11
MW-11	6/6/2018	<0.5	<2.0	1.6 J	<2.0
MW-11	9/19/2018	<0.5	<2.0	3.4	1.3 J
MW-11	10/16/2018	<0.5	<2.0	1.1 J	1.0 J
MW-11	12/11/2018	<0.5	<2.0	1.2 J	<2.0
MW-11	3/18/2019	<0.5	<2.0	1.3 J	<2.0

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-11	8/8/2019	**<0.5**	**<2.0**	**<2.0**	**<2.0**
MW-11	12/6/2019	**<0.5**	**<2.0**	**0.9 J**	**0.6 J**
MW-11	3/12/2020	**<0.5**	**<2.0**	**0.8 J**	**0.9 J**
MW-11	6/3/2020	**<0.1**	**<0.2**	**5.4**	7.2
MW-11	9/1/2020	**<0.1**	**<0.2**	**10.3**	18.8
MW-11	12/8/2020	**<0.1**	**<0.2**	**8.2**	**<0.1**
MW-11	3/9/2021	**<0.1**	**<0.2**	**6.7**	**0.5 J**
MW-11	6/16/2021	**<0.1**	**<0.2**	**3.2**	**<0.1**
MW-11		Below detection limits since 12/14	Below detection limits since 12/14	Below MCL since 3/17	
MW-12	3/20/2014	**<5**	<10	319	21.8
MW-12	4/25/2014	**<5**	**<5**	**28.8**	**2**
MW-12	5/20/2014	**<5**	**<5**	**26.1**	8.2
MW-12	6/27/2014	**<5**	**<5**	**56.8**	13.6
MW-12	7/24/2014	**<5**	**<5**	141	20.2
MW-12	8/27/2014	<50	<50	503	51.4
MW-12	9/30/2014	<50	<50	**65.4**	9.9
MW-12	12/10/2014	**<5**	**<5**	**6.9**	18
MW-12	3/18/2015	**<5**	**<5**	**31.9**	162
MW-12	6/29/2015	**1.4 J**	**1.3 J**	**3.1 J**	15.6
MW-12	9/3/2015	**<5**	**<5**	**7.6**	125
MW-12	12/15/2015	**<5**	**<5**	**12.3**	4.5
MW-12	3/16/2016	**<5**	**<5**	**2.0 J**	**<2**

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-12	6/8/2016	<5	<5	<5	<2
MW-12	9/7/2016	<5	<5	<5	7.8
MW-12	11/29/2016	<5	3.6 J	15.8	323
MW-12	12/2/2016	<5	<5	51.5	79.9
MW-12	12/20/2016	<5	<5	4.8 J	70.4
MW-12	1/11/2017	<5	<5	19.1	88.5
MW-12	3/7/2017	<5	<5	<5	<2
MW-12	6/7/2017	<5	<5	3.0 J	0.6 J
MW-12	9/6/2017	<5	<5	2.0 J	0.7 J
MW-12	12/6/2017	<5	<5	2.2 J	8.8
MW-12	3/14/2018	<5	<5	2.5 J	5.2
MW-12	6/6/2018	<0.5	<2.0	1.0 J	<2.0
MW-12	9/19/2018	<0.5	<2.0	1.0 J	0.5 J
MW-12	10/16/2018	<0.5	<2.0	0.8 J	0.4 J
MW-12	12/11/2018	<0.5	<2.0	0.7 J	0.5 J
MW-12	3/18/2019	<0.5	<2.0	5.9	<2.0
MW-12	8/8/2019	<0.5	<2.0	1.6 J	<2.0
MW-12	12/6/2019	<0.5	<2.0	1.0 J	0.8 J
MW-12	3/12/2020	<0.5	<2.0	1.9 J	2.3
MW-12	6/3/2020	<0.1	<0.2	37.1	52.6
MW-12	9/1/2020	<0.1	<0.2	25.3	16.1
MW-12	12/8/2020	<0.1	<0.2	116	6.4
MW-12	3/9/2021	<0.1	<0.2	38.6	0.6 J
MW-12	6/16/2021	<0.1	<0.2	6.6	<0.1
MW-12		Below detection limits since 12/14	Below detection limits since 12/14		

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-13	4/25/2014	1680	280	10,900	377
MW-13	5/20/2014	1720	280	11,000	385
MW-13	6/27/2014	<1000	<1000	31,900	1,120
MW-13	7/24/2014	<2500	<2500	31,400	1,460
MW-13	8/27/2014	<2500	<2500	33,400	2,110
MW-13	9/30/2014	<2500	<2500	27,300	1,520
MW-13		<2500	<2500	35,100	3,000
MW-13	12/10/2014	< 500	< 500	18,700	2,010
MW-13	3/18/2015	<4000	< 1000	34,100	1,360
MW-13	5/13/2015	<2,500	<2,500	39,600	2,700
MW-13	6/10/2015	<2,500	<2,500	38,200	2,110
MW-13	7/15/15	<2,500	<2,500	32,300	1,930
MW-13	8/12/2015	<2,500	<2,500	38,200	2,120
MW-13	9/3/2015	**<5**	**3.7 J**	33,200	1,360
MW-13	12/16/2015	<2500	<2500	31,300	1,860
MW-13	3/16/2016	<2500	<2500	34,800	1,450

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-13	6/8/2016	<2500	<2500	27,100	760 J
MW-13	9/7/2016	<2500	<2500	39,700	2,080
MW-13	11/29/2016	<2500	<2500	34,300	1,680
MW-13	12/2/2016	<2500	<2500	34,900	2,560
MW-13	12/20/2016	<2500	<2500	31,600	1,600
MW-13	1/11/2017	<2500	<2500	31,000	1,600
MW-13	3/7/2017	<2500	<2500	19,800	1,820
MW-13	3/7/2017	<2500	<2500	19,200	1,660
MW-13	6/7/2017	<2500	<2500	23,500	2,420
MW-13	9/5/2017	<2500	<2500	28,000	1,860
MW-13	12/6/2017	<5	<5	21,000	2,100
MW-13	3/14/2018	<500	<500	27,000	1,870
MW-13	6/6/2018	<0.5	0.2 J	32,400	1,970
MW-13	9/19/2018	<5	<20	23,400	10,200
MW-13	10/16/2018	<50	<200	12,800	7,070
MW-13	12/11/2018	<50	<200	12,900	5,220
MW-13D	12/11/2018	<50	<200	13,700	5,990
MW-13	3/19/2019	<50	<200	14,800	5,440
MW-13D	3/19/2019	<50	<200	15,000	4,700
MW-13	8/9/2019	<5.0	0.3 J	19,600	3,110
MW-13	12/6/2019	<250	<1,000	13,800	4,040
MW-13	3/12/2020	<125	<500	18,000	3,740
MW-13	6/3/2020	<50	<90	29,700	3,250
MW-13	9/1/2020	<10	<18	12,400	792
MW-13	12/8/2020	<10	<18	1,420	2,570

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-13	3/9/2021	<20.0	<36.0	18,600	13,900
MW-13	6/16/2021	<5.0	<9.0	2,870	7,490
MW-13					
MW-14	3/14/2014	<100	<100	2,780	198
MW-14	5/20/2014	<500	<500	5,860	636
MW-14	6/27/2014	<500	<500	6,050	516
MW-14	7/24/2014	<500	<500	5,000	518
MW-14	8/27/2014	<500	<500	978	1,550
MW-14	9/30/2014	<500	<500	200	1,430
MW-14	12/10/2014	<500	<500	125	1,210
MW-14	3/11/2015	<50	<50	<50	<20
MW-14	6/10/2015	<5	<5	32.5	39.3
MW-14	7/15/2015	<5	<5	35.3	59
MW-14	8/12/2015	<5	<5	1.8 J	14.1
MW-14	9/3/2015	<5	<5	1.4 J	2.1
MW-14	12/15/2015	<5	<5	<5	<2

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-14	3/16/2016	<5	<5	1.4 J	1.1 J
MW-14	6/8/2016	<5	<5	2.7 J	0.6 J
MW-14	9/7/2016	<5	<5	<5	<5
MW-14	12/2/2016	<5	<5	<5	<5
MW-14	3/7/2017	<5	<5	2.4 J	0.8 J
MW-14	6/7/2017	<5	<5	12.2	70.3
MW-14	9/5/2017	<5	<5	1.5 J	38.6
MW-14	12/5/2017	<5	<5	1620	1340
MW-14	12/18/2017	<5	<5	930	1230
MW-14	3/13/2018	<5	<5	452	254
MW-14	6/5/2018	<5	<20	1,340	878
MW-14	9/16/2018	<0.5	<2	9.2	28.2
MW-14	10/16/2018	<0.5	<2	3.3	18.1
MW-14	10/16/2018	<0.5	<2	2.6	14.7
MW-14	12/10/2018	<0.5	<2	2.0 J	15.2
MW-14	3/19/2019	<0.5	<2	2.2	2.6
MW-14D	3/19/2019	<0.5	<2	2.4	<2.0
MW-14	8/7/2019	<0.5	<2	1.8 J	1.9 J
MW-14	12/6/2019	<0.5	<2	5.3	2.9
MW-14	3/11/2020	<0.5	<2	<2.0	<2.0
MW-14	6/4/2020	<0.1	<0.2	0.8 J	0.2 J
MW-14	9/2/2020	<0.1	<0.2	0.2 J	0.4 J
MW-14	12/7/2020	<0.1	<0.2	0.2 J	1.6
MW-14	3/9/2021	<0.1	<0.2	0.2 J	0.2 J
MW-14	6/14/2021	<0.1	<0.2	0.2 J	<0.1
MW-14		Below detection limits since 6/15	Below detection limits since 6/15	Below MCL since 9/2018	Below MCL since 3/2020

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-39	8/27/2014	2390	< 250		< 100
MW-39	9/30/2014	<125	<125	5,430	288
MW-39	1/14/2015	42	92	4,740	272
MW-39	8/13/2015	147	211	4,860	496
MW-39	9/10/2015	230 J	310	7,380	569
MW-39	12/22/2015	1.5 J	<5	1,460	62.4
MW-39	3/22/2016	<5	<5	95	3.5
MW-39	6/8/2016	<100	<100	1,770	72.2
MW-39	9/6/2016	<100	<100	1,220	61.8
MW-39	12/2/2016	<100	<100	3,980	264
MW-39	3/7/2017	<125	<125	2,820	83.2
MW-39	6/8/2017	<500	<500	4,050	241
MW-39	9/7/2017	46	53.5	5,230	456
MW-39	12/6/2017	84 J	83 J	2,760	323
MW-39	3/14/2018	35.9	26.9	4,070	557
MW-39	3/14/2018	90	96 J	4,360	1,110
MW-39	12/11/2018	<50	<200	<200	<200
MW-39	3/18/2019	<50	<200	<200	<200
MW-39	8/8/2019	<50	<200	355	239
MW-39	12/4/2019	0.3 J	<2.0	1.5 J	<2.0

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-39	3/12/2020	**<0.5**	**<2.0**	**9.2**	3.4
MW-39	6/3/2020	**<0.1**	**<0.2**	**9.2**	3.4
MW-39	9/2/2020	**0.1 J**	**0.8 J**	**4.0**	3.4
MW-39	12/8/2020	**<0.1**	**0.6 J**	**13.0**	5.6
MW-39	3/9/2021	**<0.1**	**0.5 J**	**7,580.0**	1,360.0
MW-39	6/17/2021	**<0.1**	**0.9 J**	**11.2**	20.0
MW-39		Below MCL since 12/2019			
MW-40	8/27/2014	<500	<500	<500	<200
MW-40	9/30/2014	<500	<500	<500	<200
MW-40	1/14/2015	<500	<500	<500	<200
MW-40	6/10/2015			**5.7**	8.1
MW-40	8/12/2015	**<5**	**<5**	**47.2**	61.6
MW-40	9/10/2015	**<5**	**<5**	27.2	40.1
MW-40	12/3/2015	**<5**	**<5**	**1.3 J**	1.1 J
MW-40	12/15/2015	**<5**	**<5**	**2.2 J**	6.2
MW-40	12/22/2015	**<5**	**<5**	**8.9**	**4**
MW-40	12/29/2015	**<5**	**<5**	**2.8 J**	3.7
MW-40	3/22/2016	**<5**	**<5**	**1.1 J**	**<2**
MW-40	6/8/2016	**<5**	**<5**	**3.1 J**	**1.7 J**
MW-40	9/6/2016	**<5**	**<5**	**2.0 J**	2.8
MW-40	12/2/2016	**<5**	**<5**	**1.5 J**	2.9
MW-40	3/7/2017	**<5**	**<5**	**1.6 J**	**1.0 J**
MW-40	6/8/2017	**<5**	**<5**	**5.7**	29.9

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW-40	9/7/2017	<5	<5	3.4 J	18
MW-40	12/6/2017	<5	<5	11.6	17.5
MW-40	3/14/2018	<5	<5	194	433
MW-40	6/6/2018	1.6 J	<20	159	202
MW-40	12/11/2018	<50	<200	23 J	<200
MW-40	3/18/2019	<50	<200	<200	<200
MW-40	8/8/2019	<50	<200	<200	<200
MW-40	12/4/2019	<0.5	<2.0	7.6	18.8
MW-40	3/12/2020	<0.5	0.5 J	<2.0	0.1 J
MW-40	6/3/2020	<0.1	<0.2	<0.2	<0.1
MW-40	9/2/2020	<0.1	0.4 J	4.7	0.8 J
MW-40	12/8/2020	<0.1	0.4 J	4.5	3.2
MW-40	3/9/2021	<0.1	0.2 J	0.9 J	<0.1
MW-40	6/17/2021	<0.1	0.3 J	0.6 J	<0.1
MW-40		Below MCL since 12/2019	Below MCL since 12/2019	Below MCL since 12/2019	Below MCL since 3/2020
MW-41	8/27/2014	310	490	27,900	882
MW-41	9/30/2014	< 1000	< 1000	33,100	2,710
MW-41	1/14/2015	< 1000	< 1000	14,900	<400
MW-41	6/10/2015	< 1000	< 1000	70,600	1,030

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW 41	8/12/2015	<250	<250	<250	<100
MW 41	9/10/2015	<2,500	<2,500	49,700	<1,000
MW 41	12/8/2015	<500	<500	93,000	3,010
MW 41	3/22/2016	<500	<500	<500	<200
MW 41	6/8/2016	**<5**	8.8 J	63,700	**<2**
MW 41	9/6/2016	<2500	<2500	74,600	9,430
MW 41	12/2/2016	<2500	<2500	56,100	12,100
MW 41	3/7/2017	<2500	<2500	54,800	11,300
MW 41	6/7/2017	**<5**	**4.6 J**	57,800	11,400
MW 41	9/7/2017	<500	<500	51,500	10,900
MW 41	12/6/2017	<2500	<2500	47,400	11,500
MW 41	3/14/2018	<2500	<2500	88,000	8,320
MW 41	6/6/2018	519	360	75,600	6,600
MW 41	12/11/2018	<50.0	<200	<200	<200
MW 41	3/18/2019	<50.0	<200	<200	<200
MW 41	8/8/2019	<50.0	<200	<200	<200
MW 41	12/5/2019	<50.0	<200	<200	<200
MW 41	3/12/2020	**<5**	<20.0	345	20 J
MW 41	6/3/2020	**<5**	<20.0	158.0	27.1
MW 41	9/2/2020	**Clogged - no sample**			
MW 41	12/8/2020	**Clogged - no sample**			
MW 41	6/17/2020	**2.6 J**	8.2 J	419	83

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
MW 41					
Sump Area	3/20/2014	<10	<20	<40	<40
	11/29/2016	<5	1.0J	41.6	5.9
BioAugmentation Temporary injection well data - October 2016 - wells screened 30-40' reported in ug/kg					
TBI-1 - GW	10/20/2016	<5	<5	186	25.5
	11/29/2016	<5	<5	291	66.9
	12/20/2016	<50	<50	345	98.1
	1/11/2017	<50	<50	296	42.4
TBI-1 - Soil 7.5'	10/13/2016	<5.7	<5.7	1.2 J	2.0 J
TBI-1 - Soil 17.5'	10/13/2016	20.5	51.9	526	26.6
TBI-1 - Soil 27.5'	10/13/2016	1.6 J	3.1 J	55.8	4.5
TBI-3 - GW	10/20/2016	<100	68 J	343	250
	11/29/2016	<50	<50	723	586
	12/20/2016	<50	<50	773	918
	1/11/2017	<50	<50	56.9	162
TBI-3 - Soil 7.5'	10/13/2016	<5.7	<5.7	<5.7	1.0 J
TBI-3 - Soil 17.5'	10/13/2016	<4.9	<4.9	28.3	41.6
TBI-3 - Soil 27.5'	10/13/2016	2.2 J	<6.3	5740	489

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
TBI-5 - GW	10/20/2016	<100	<100	4350	224
	11/29/2016	<250	<250	6120	310
	12/20/2016	<250	<250	6960	328
	1/11/2017	<250	<250	5340	247
TBI-5- Soil 7.5'	10/13/2016	<5.8	<5.8	29.8	5.3
TBI-5 - Soil 17.5'	10/13/2016	38.9	147	1160	102
TBI-5 - Soil 27.5'	10/13/2016	7.4	5.7 J	295	4
TBI-7 - GW	10/20/2016	<100	<100	1290	297
TBI-7- Soil 7.5'	10/13/2016	<5.9	<5.9	6.8	0.7 J
TBI-7 - Soil 17.5'	10/13/2016	<4.7	<4.7	533	119
TBI-7 - Soil 27.5'	10/13/2016	<5	<5	4820	364
TBI-8 - GW	10/20/2016	<100	<100	372	40 J
TBI-10 - GW	10/20/2016	<100	<100	1010	1090
	11/29/2016	<5	<5	19.1	355
	12/20/2016	<200	<200	64.8	594
	1/11/2017	<50	<50	69	616

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)
USEPA RSLs	Industrial Soil mg/kg	Groundwater mg/L	Blue is for below site specific RSL soil concentrations and below MCL in groundwater	**RSL - from Su**	
Compound			Is below the Default Concentrations for soil	Compound	Default Concentration mg/kg
cis-1,2-Dichloroethene	2,000	0.07		cis-1,2-DCE	0.021
Tetrachloroethene	110	0.005		Tetrachloroethene	0.0023
Trichloroethene	6.4	0.005		Trichloroethene	0.0018
Vinyl Chloride	1.7	0.002		Vinyl Chloride	0.00069
				Leaching to Groundwater RBTLs for Tier 2	
				Compound	**Default Concentration mg/kg**
				cis-1,2-DCE	**0.619**
				Tetrachloroethene	**0.146**
				Trichloroethene	**0.147**
				Vinyl Chloride	**0.021**

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)

Sample Point	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-DCE (cis)	Vinyl Chloride (VC)

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		SE - Screened 35.5'-45.5'			
		Sodium Permanganate added to soil 4/15			
			cis - 7%; VC - nc		
		cis- 30% D VC - NC			
		cis -58% D from last qtr; VC below detection limit			
		Floods in May 2017			
	0.2 J				
0.3 J	0.4 J				
<2.0	0.4 J	Flood stage on Mississippi			
		Extreme flooding in June 2019			

Note:
1. units in ug/L
2. Green denotes at or below the MCL
3. Blue denotes below detection limits
4. Orange denotes almost at the MCL (cis <80; VC<5)
4. no color - much greater than the MCL (cis >80; VC>5)

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Added biomass from MW-5 on Jan 6, 2020			
		NE near GCS Screened 35-45'			
			cis- 88%; VC - nc		
		2 yrs below detection limits for all COCs			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		City pumping CW#10 exclusively since December 2016			
		Floods in May 2017			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			
		NW Screened 35-45'			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Sodium Permanganate added to soil 4/15			
			cis- 53%; VC - 58%	cis - 18%; VC - unk	
				cis - 93%, VC - unk	
		BioAugmentation 10/29/16			
		Floods in May 2017			
		1 yr: 90% D cis; 41% D VC			
		Extreme flooding in June 2019			
	0.5 J				

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
	-				
		SW by control house Screened 35-45'			
			cis- nc; VC - nc		
				No change	
		4 yrs below detection limits for all COCs			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Floods in May 2017			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		N inside sub extraction well Screened 34.5 - 44.5'			
		GCS installed			
		Sodium Permanganate added to soil 4/15			
			cis -46%; VC - 149 I		
				cis- 62%, VC -86%	
				cis - 65%, VC - 78%	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		BioAugmentation 10/29/16			
		VC - 39% D from last qtr; 1 year 3 months below MCL for cis			
		Floods in May 2017			
		1 yr: 74% D cis; 11% D VC			
		BioAugmentation in August in upgradient wells			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			
0.1 J	**0.2 J**				
		W outside sub extraction well Screened 31.8-41.8'			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		GCS installed			
		Permanganate added to soil 4/15			
			cis- 91%; VC- nc		
				cis - 79%, VC - NC	
		BioAugmentation 10/29/16			
		Floods in May 2017			
		1 yr: 96% D cis-1,2-DCE; 63% D VC			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		E outside sub extraction well Screened 35.5-44.5'			
		GCS installed			
		Permanganate added to soil 4/15			
			cis- 67%, VC - 58%		
				cis - 71% VC - 21%	
		BioAugmentation 10/29/16			
		Floods in May 2016			
		1 yr: 91% D cis-1,2-DCE; 66% D VC			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Extreme flooding in June 2019			
		Center aisle			
		Near MW13			
		screened 35-45'			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Sodium Permanganate added to soil 4/15	TCE - 79%; cis - 1240% I; VC - 4846 % I		
			cis- 94%; VC - 89%	PCE - unk; TCE - 81%; cis - 95%; VC -94%	
			PCE - 93.4%; TCE - 76.1%	TCE - 27%	
				cis - 9.8%, VC - 4.5% I	
		BioAugmentation 10/29/16			
		Floods in May 2017	cis 35% decrease since Oct injection VC 9% I		
21.1	85.5	98% PCE decrease, 99% TCE decrease & 54% cis decrease in 1 yr			
21.1	85.5				
29 J	97 J	BioAugmentation in August			
<200	<200	Sodium Permanganate found a pathway into this well from the clay injections			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Extreme flooding in June 2019			
		cis - 54%, VC- 67% reduction from 6/18			
10.8	124.0				
	0.3 J		3 month decrease 99% cis; 96% VC		
16.9	34.9				
16.9	34.9				
16.9	21 J				
	14 J				
		Pilot - furthest S			
		near MW14			
		screened 35 -45'			
		Sodium Permanganate added to soil 4/15	cis -96%; VC -96%		

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
				cis - 82%, VC-NC	
		8 quarters below detection limits for all COCs			
0.6 J	**1.1 J**	BioAugmentation in August			
<2.0	**0.1 J**				
<2.0	**0.2 J**				
<2.0	**0.2 J**				
<2.0	**0.2 J**	Flood stage on Mississippi			
		Extreme flooding in June 2019			
	0.2 J				

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
	0.1 J				
—	— -				
		Pilot - furthest N - Bio Bugs injected just south			
		screened 35-45'			
		Sodium Permanganate added to soil 4/15	cis- 74%; VC - 58%		
			cis - 22%; VC- 356% I	cis - 66% I; VC - 995% I	
				cis - 61%, VC - NC	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		BioAugmentation 10/29/16			
		cis 94% D; vc - 98% D from last qtr			
		Floods in May 2017			
		93% decrease in cis & 85% in VC in 1 yr			
		BioAugmentation in August			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			
0.8 J	**5.4**				
	0.6 J				
		Pilot - W bio well			
		9,040 gallons			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		screened 35-45'			
		Sodium Permanganate added to soil 4/15	cis-20%; VC- 430% I		
			cis- 90%; VC - 20% I	cis - 88%; VC - 77%	
				cis - 84%, VC - 23%	
		BioAugmentation 10/29/16			
		cis - 97% D; VC 95% D from last qtr			
		Floods in May 2017			
		99% cis decrease & 99% vc decrease in 1 yr			
		BioAugmentation in August			
		Flood stage on Mississippi			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Extreme flooding in June 2019			
		Pilot - E bio well			
		8,870 gallons			
		35 - 45'			
		Sodium Permanganate added to soil 4/15	cis - 37%; VC - 3581 I		
			cis - 94%; VC- 254% I	cis- 90%; VC - 90%	
				cis -61%, VC - 97%	
				cis- 93.7%, VC - 98.7%	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		BioAugmentation 10/29/16			
		cis - 74% D; VC - 98% D from Jan 2017			
		Floods in May 2016			
		100% decrease in cis & 97% decrease in VC in 1 yr			
		BioAugmentation in August			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			
	0.2 J				
	0.6 J				
	0.2 J				
	0.2 J				

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Pilot - sand/clay interface - N			
		Near MW8			
		1 foot screen			
		screened 32 - 33'			
		Sodium Permanganate added to soil 4/15			
			PCE- unk%; TCE- unk%; cis- 196% I; VC -412% I	cis- 5%; VC -42% I	
			PCE - 99.7 %, TCE - 98.7%		

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		BioAugmentation 10/29/16			
		cis - 45% D; VC - 35% D from last qtr			
		Floods in May 2017			
41.9	216	39% cis Decrease in 1 yr.			
160 J					
96.9	180 J				
54.8	169	BioAugmentation in August			
24.0 J	110 J				
20.0 J	120 J				
23.0 J	130 J				
	100 J	Flood stage on Mississippi			
35.7	110 J				
35.7	110 J	Extreme flooding in June 2019			
		cis - 30% reduction from 8/19			
	61 J		3 month decrease 58% cis, 76% VC		
	14 J		3 month decrease 58% cis, 76% VC		

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
	140 J		3 month decrease 58% cis, 76% VC		
	48 J		3 month decrease 58% cis, 76% VC		
		Pilot - sand/clay interface - S			
		Near MW9			
		screened 33 -34'			
		Sodium Permanganate added to soil 4/15			
			cis - 99%; VC - 91%	cis - 29%; VC- 195% I	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
				cis -96%, VC - 97.2%	
		5 qtrs below detection limits for all COCs			
		Floods in May 2017			
		Drought conditions			
5.1	18.9				
<5.0	9.7				
3.7 J	14 J				
<2	1.0 J	BioAugmentation in August			
<2	0.5 J				
<2	0.5 J				
<2	0.4 J				
<2	0.8 J	Flood stage on Mississippi			
<2	0.8 J				
	0.5 J	Extreme flooding in June 2019			
	0.2 J				
	0.5 J				
	0.5 J				
	0.4 J				
	0.4 J				

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Pilot - Transformer2 -SW corner- Potassium Permangate injected			
		(screened 25-30') in clays - not groundwater			
			PCE - 98%; TCE - 63%; cis - 1429% I; VC - 172% I		
		Sodium Permanganate added to soil 4/15			
			PCE - 100%, TCE - 98%, cis-370% I, VC-38%	PCE- 96%, TCE-95%, cis - 69%, VC - 77%	
		BioAugmentation 10/29/16			
		cis - 29% D; VC -68% D from last qtr			
		Floods in May 2017			
		Drought conditions			
15.1	47.2				
<200	40 J	Sodium Permanganate injection 8/2018			
<200	<200				
<200	<200	Flood stage on Mississippi			
	21 J	Extreme flooding in June 2019			
		100% reduction in cis and VC from 8/19			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
	0.8 J				
	1.5 J				
10.6	50.9				
	1.1 J				
		Pilot - Transformer2 - NW corner - Potassium Permangate injected			
		(screened 20-25') in clays not groundwater			
		Sodium Permanganate added to soil 4/15	Unknown		
				cis- 51%, VC- 54%	
		BioAugmentation 10/29/16			
		Floods in May 2017			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		Drought Conditions			
	4.1 J				
		Sodium Permanganate injection 8/2018			
		Flood stage on Mississippi			
		Extreme flooding in June 2019			
		VC - 91% reduction from 6/18, cis - 95% reduction from 6/18			
	0.3 J				
	0.3 J				
	0.3 J				
	0.3 J				
		Pilot - Transformer2 - NE corner - Potassium Permangate injected			
		(screened 15-20') in clays not groundwater			
		Sodium Permanganate added to soil 4/15	cis- 153% I; VC- 17% I		

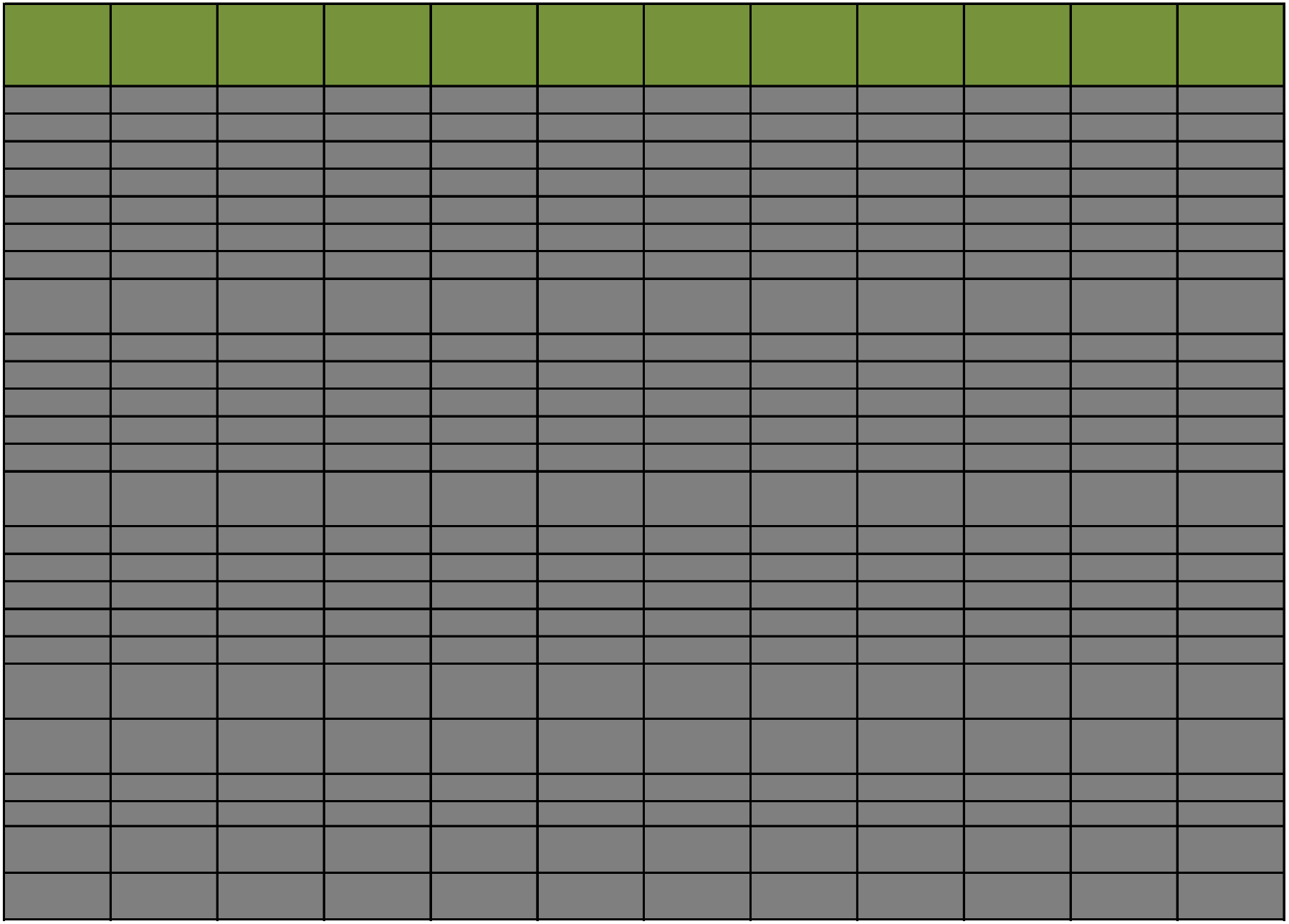
1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
				cis - 99.6 % decrease; VC - 90% decrease	
		BioAugmentation 10/29/16 cis-40% decrease; vc -300 % increase in one year			
		Floods in May 2017			
		Drought conditions			
	960 J				
	1500J				
110 J	1,420	Sodium Permanganate injection 8/2018			
<200	<200				
<200	<200	Flood stage on Mississippi			
		Extreme flooding in June 2019			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		SE side of Transformer 2 - before injection			
		After injection			
		59% I in cis; 66% I in VC			
		Next to MW-41 - before injection			
		After injection			
		83% decrease in cis; 35% decrease in VC			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
		West side of main aisle - in line with MW-41 - before injection			
		After injection			
		27% I in cis; 10% I in VC			
		approximately 7 feet downgradient of MW-8 - before injection			
		In front of Transformer 1 - before injection			
		In front of the west equipment - before injection			
		After injection			
		93% decrease in cis; 43% decrease in VC			

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	
ıpplemental Guidance for Developing Soil Screening Levels at Superfund Sites					
		Site-Specific Concentration mg/kg	Site-Specific Concentration ug/kg		
		1.01	1010		
		0.247	247		
		0.259	259		
		0.022	22		
		Site-Specific Concentration mg/kg	Site-Specific Concentration ug/kg		
		1.12	1120		
		0.304	304		
		0.316	316		
		0.029	29		

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015	

1,1-Dichloroethene	trans-1,2-Dichloroethene	Location	% decrease from 3/2014	% decrease from 2nd pilot - 4/2015