

Nockamixon TCE
Monitoring Well Data Summary

Nockamixon HSCA Site - Monitoring Well Trends for Contaminants of Concern										
		1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	1,4-Dioxane
MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-1S	9/10/2013 *	3.9	ND	ND	1.6	67.2	2.2	ND	295	NA
	12/11/2013	0.53	ND	ND	ND	6.6	ND	ND	23.9	NA
	4/7/2014	0.72	ND	ND	ND	9.6	ND	ND	34.2	NA
	9/9/2015	63.4	5.8	ND	42.5	1470	104	ND	9020	NA
	7/6/2016	36.4	ND	ND	23.7	704	50	2.4	4280	NA
	8/30/2017	53.4	ND	ND	ND	752	38.2	19.8	2710	NA
	8/22/2018	35.7	ND	ND	17.2	589	53.4	ND	3190	NA
	10/3/2018	NA	NA	NA	NA	NA	NA	NA	NA	37.1
	6/18/2019	40.5	ND	ND	25.6	762	50.2	ND	3820	46.2
12/19/2019	MW-1S converted to multi-screened well MW-1Ss/Sd									
MW-1Ss	1/30/2020	7.4	ND	ND	ND	167	5.6	ND	561	16.4
	12/3/2020	4.4	0.62	ND	2.3	68	2.7	ND	317	11
	11/8/2021	4.6	ND	ND	2.2	58.7	2.6	ND	276	7.7
	10/25/2022	2.4	ND	ND	ND	34	ND	ND	160	7.4
	4/27/2023	26	0.9	1.3	2.5	230	19	1.7	570	11
MW-1Sd	1/30/2020	ND	ND	ND	ND	51.7	5.6	ND	169	5.1
	12/3/2020	0.73	ND	ND	ND	4.7	ND	ND	18.8	2.8
	11/8/2021	1.6	ND	ND	0.8	20.1	0.85	ND	39.4	ND
	10/25/2022	0.7	ND	ND	0.5	6.6	0.33	ND	18	1.1
	5/27/2023	0.83	ND	ND	0.46	11	0.41	ND	32	1.7
MW-1L	1/14/13*	ND	ND	ND	ND	3.5	ND	ND	11.2	NA
	9/9/2013*	ND	ND	ND	0.68	4	ND	ND	7	NA
	12/11/2013	ND	ND	ND	ND	2.5	ND	ND	4.8	NA
	4/3/2014	ND	ND	ND	ND	1.8	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	1.2	ND	ND	5.2	NA
	8/30/2017	ND	ND	ND	ND	2.7	ND	ND	5.8	NA
	8/22/2018	ND	ND	ND	ND	1.9	ND	ND	4.9	NA
	6/18/2019	Not Sampled Due to Well Blockage								

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		1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	1,4-Dioxane
MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-2U	1/16/2013*	97.3	ND	3.5	112	518	105	3.8	2110	NA
	9/12/2013*	28.7	ND	0.96	26.8	114	33.1	1.4	562	NA
	12/11/2013	36.9	ND	4.8	57.4	254	21	3	772	NA
	4/3/2014	32.2	ND	4.9	52.2	333	25.2	3.1	1040	NA
	9/9/2015	53	ND	8.9	97.3	685	41.3	5.8	2010	NA
	7/6/2016	7.7	ND	ND	8.6	46.9	5.5	0.51	171	NA
	8/30/2017	5.4	ND	ND	6	35.4	5	6.2	116	NA
	8/22/2018	6	ND	ND	6.6	35.7	4.6	ND	140	NA
	6/18/2019	ND	ND	ND	5.4	23.1	ND	ND	97.2	8.9
	12/3/2020	5.5	ND	0.69	6.9	33.1	7.8	ND	102	3.9
	11/8/2021	28.4	ND	5.9	74.5	613	75.7	4.5	1860	3.6
	10/25/2022	24	ND	6.5	62	590	70	ND	1600	ND
4/27/2023	3.2	ND	ND	ND	14	7	ND	51	ND	
MW-2L	1/16/13*	37.1	ND	1.5	42	203	42.4	2.6	822	NA
	9/12/13*	18.6	ND	0.88	17.8	95.2	15.1	1.3	414	NA
	12/11/2013	18.7	ND	2.6	30.2	279	3.9	2.4	499	NA
	4/3/2014	17.8	ND	3.4	24.4	348	4.6	4.1	654	NA
	9/9/2015	28.6	ND	10.4	66.9	508	28.5	ND	1400	NA
	7/6/2016	20.8	ND	10.8	62.6	541	34.6	3.6	1260	NA
	8/30/2017	14	ND	11.7	65	564	30.6	65	1370	NA
	8/22/2018	12.8	ND	10.8	55.8	515	36.6	3.9	1140	NA
	10/3/2018	NA	NA	NA	NA	NA	NA	NA	NA	18.7
	6/18/2019	13.7	ND	11	78	558	30.8	ND	1300	26.2
	12/3/2020	26	ND	16.6	130	717	97	8	2550	35.4
	11/8/2021	34.5	ND	14.1	140	858	123	8.2	2760	32.3
	10/25/2022	21	ND	ND	77	680	79	ND	1800	45
4/27/2023	35	ND	ND	120	950	130	ND	2700	49	

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		1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	1,4-Dioxane
MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-3U	1/15/13*	12.6	ND	ND	12.4	74	10.6	0.8	277	NA
	9/11/2013	12.2	ND	ND	10.6	51.4	10.6	ND	266	NA
	12/11/2013	4.4	ND	ND	5.4	56	1.3	0.85	198	NA
	4/3/2014	4.4	ND	ND	4.4	24.3	0.85	ND	114	NA
	9/9/2015	1.7	ND	ND	2.3	16.9	0.66	ND	43.5	NA
	7/5/2016	2.3	ND	ND	2.8	11.2	0.79	ND	47	NA
	8/30/2017	1.4	ND	ND	1.4	7.8	0.95	1.4	37	NA
	8/22/2018	1.8	ND	ND	1.8	10.2	1.1	ND	38.8	NA
	6/18/2019	2.2	ND	ND	2.1	6.5	1	ND	39.4	6.5
	12/3/2020	2.6	ND	ND	3	11.4	2.1	ND	58	ND
	11/8/2021	5.5	ND	ND	5.8	51.4	8	ND	178	ND
10/25/2022	3.7	ND	ND	4	21	6	ND	110	1.9	
4/27/2023	6	ND	0.3	6.8	36	10	ND	200	0.68	
MW-3L	1/15/13*	ND	ND	ND	9.8	55.3	9.9	0.66	244	NA
	9/11/13*	ND	ND	ND	15.6	92.8	19.4	ND	441	NA
	12/11/2013	ND	ND	ND	7.2	55.1	2.4	ND	150	NA
	4/3/2014	ND	ND	ND	6.9	59.4	3	ND	144	NA
	9/9/2015	ND	ND	ND	ND	22.3	ND	ND	67.3	NA
	7/5/2016	1.7	ND	ND	2	16.3	0.6	ND	44.9	NA
	8/30/2017	6.4	ND	0.8	7.8	74.4	1.6	7.8	162	NA
	8/22/2018	12	ND	ND	13.1	112	14.4	0.61	411	NA
	6/18/2019	10.9	ND	ND	13.8	91.7	12.7	0.59	312	ND
	12/3/2020	6.8	ND	ND	7.8	44.6	8.2	ND	187	2.8
	11/8/2021	4.1	ND	ND	4.3	30.2	6.7	ND	95.2	2.8
10/25/2022	4.5	ND	0.33	4.9	33	7.6	ND	150	2.6	
4/27/2023	18	0.58	0.86	20	160	19	1.4	1400	6.4	

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MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-4U	1/15/13*	5	ND	ND	3.5	26.8	2.8	ND	132	NA
	9/11/13*	20.7	ND	0.56	14.2	96.1	19.4	1.4	700	NA
	12/11/2013	8.2	ND	ND	6.6	57.6	5	ND	373	NA
	4/3/2014	7.4	ND	ND	5.6	58.6	4.6	ND	456	NA
	9/9/2015	9	ND	ND	9.4	60.6	8	ND	349	NA
	7/5/2016	11.5	ND	ND	11	74.1	8.9	ND	359	NA
	8/30/2017	8.4	ND	ND	ND	45.7	10.2	6.4	259	NA
	8/22/2018	9.9	ND	ND	8.3	60.8	15.4	ND	321	NA
	6/18/2019	12.5	ND	ND	13.5	99.2	12.2	ND	413	ND
	12/3/2020	8	ND	ND	8.9	58.6	12.3	ND	326	NA
	11/8/2021	14.2	ND	0.53	14.4	105	19.8	0.74	507	2.7
	10/25/2022	9.6	ND	ND	11	88	18	ND	400	4.2
4/27/2023	7.5	ND	ND	5.6	72	15	ND	300	4	
MW-4L	9/11/13*	ND	5	ND	6.3	51.4	7	ND	306	NA
	12/12/2013	ND	10.2	ND	4.4	56.1	1.1	ND	118	NA
	4/3/2014	ND	5.7	ND	2.3	39.8	ND	ND	99	NA
	9/9/2015	5.4	ND	ND	5.8	47.3	2	ND	196	NA
	7/5/2016	5.8	ND	ND	6	50.6	2.1	ND	164	NA
	8/30/2017	6.8	ND	ND	ND	43.8	ND	5.5	201	NA
	8/22/2018	5.4	ND	ND	4.9	43	2	ND	152	NA
	6/18/2019	2.6	ND	ND	3.6	34	1	ND	91.7	3.1
	12/3/2020	9.6	ND	ND	10.6	68.5	15.4	ND	383	3.5
	11/8/2021	11.6	ND	0.6	11.1	80.1	16	0.58	378	3.3
10/25/2022	8.4	ND	ND	8.5	78	12	ND	320	4.8	
4/27/2023	6.7	ND	ND	4.9	70	13	ND	280	4.1	

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MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-5	1/14/2013*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	12/12/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/3/2014	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/2020	ND	ND	ND	ND	ND	0.52	ND	ND	ND
	11/8/2021	ND	ND	ND	ND	ND	0.54	ND	ND	ND
10/25/2022	ND	ND	ND	ND	ND	0.57	ND	ND	NA	
MW-6	1/14/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	12/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/2/2014	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	ND	NA
MW-7U	1/23/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	12/12/2013	ND	ND	ND	ND	1.3	ND	ND	8.5	NA
	4/2/2014	ND	ND	ND	ND	1.7	ND	ND	10.7	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	ND	NA
MW-7L	1/14/13*	ND	ND	ND	ND	0.71	ND	ND	5.7	NA
	9/9/13*	ND	ND	ND	ND	1.2	ND	ND	7.3	NA
	12/12/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/2/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	1.7	ND	ND	10.1	NA
	7/5/2016	ND	ND	ND	ND	1.7	ND	ND	8.1	NA
	8/30/2017	ND	ND	ND	ND	1.8	ND	ND	9.3	NA
	8/22/2018	ND	ND	ND	ND	1.8	ND	ND	10.2	NA
	6/17/2019	ND	ND	ND	ND	1.9	ND	ND	10.1	ND
	12/3/2020	ND	ND	ND	0.67	2.8	0.55	ND	14.8	ND
	11/8/2021	ND	ND	ND	ND	2.6	0.52	ND	11.9	ND
	10/25/2022	0.43	ND	ND	0.5	3.5	0.77	ND	15	NA
4/27/2023	0.39	ND	ND	0.63	3.8	0.72	ND	15	0.41	

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		1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	1,4-Dioxane
MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-8	1/14/13*	ND	ND	ND	ND	3.7	ND	ND	ND	NA
	9/9/13*	ND	ND	ND	ND	4.7	ND	ND	ND	NA
	12/12/2013	ND	ND	ND	ND	5.7	ND	ND	ND	NA
	4/2/2014	ND	ND	ND	ND	6.7	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	ND	NA
MW-9	1/14/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/13*	ND	ND	ND	ND	ND	ND	ND	ND	NA
	12/12/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/2/2014	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	ND	NA
MW-10L	1/15/13*	2.6	ND	ND	3.2	10.3	2	ND	64.9	NA
	9/11/13*	2.7	ND	ND	2.6	8.5	3.4	ND	72.6	NA
	12/12/2013	2	ND	ND	2.3	7.9	2.5	ND	47.9	NA
	4/2/2014	1.5	ND	ND	1.9	8	1.6	ND	51.5	NA
	9/9/2015	ND	ND	ND	0.98	4.6	ND	ND	19.9	NA
	7/5/2016	0.54	ND	ND	0.94	3.7	ND	ND	19	NA
	8/30/2017	0.61	ND	ND	0.94	4.2	0.52	0.99	21.7	NA
	8/22/2018	1	ND	ND	1.9	7.8	1.1	ND	44.3	NA
	6/17/2019	0.92	ND	ND	1.8	7.5	0.86	ND	41	ND
	12/3/2020	1.1	ND	ND	2.1	8.6	2.6	ND	52.4	ND
	11/8/2021	0.95	ND	ND	1.6	7.3	2.1	ND	38.4	ND
	10/25/2022	0.88	ND	ND	1.6	7.8	2.2	ND	38	0.53
4/27/2023	0.73	ND	ND	1.5	8	1.6	ND	36	0.58	

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MCL or Act 2 Standard (µg/L)		200	5	31	7	70	5	100	5	6.4
	Date									
MW-11U	9/12/13*	10	ND	ND	9.2	43.4	5.9	ND	146	NA
	12/11/2013	6.9	ND	ND	6.9	36.4	3.7	ND	135	NA
	4/3/2013	6.1	ND	ND	6.6	42.1	1.4	ND	146	NA
	9/9/2015	5.1	ND	ND	6.4	32.6	2	ND	109	NA
	7/5/2016	3.2	ND	ND	4.4	24.4	2.3	ND	78.7	NA
	8/30/2017	3.8	ND	ND	4.7	25.9	2.7	4.9	66.7	NA
	8/22/2018	5.9	ND	ND	8.4	44.6	5.6	ND	149	NA
	6/18/2019	5.6	ND	ND	8.4	44.3	6.6	ND	157	4.1
	12/3/2020	4.9	ND	ND	8.4	43.3	9	ND	170	2.8
	11/8/2021	8.2	ND	ND	11.6	64.5	14.5	ND	233	2.8
10/25/2022	5.3	ND	ND	7.2	44	10	ND	180	3.2	
4/27/2023	3.3	ND	ND	5	32	5.9	ND	110	3.5	
MW-11L	9/12/13*	3.4	ND	ND	2.8	13.8	3	ND	57.2	NA
	12/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/3/2014	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	ND	NA
	8/30/2017	ND	ND	ND	ND	ND	ND	ND	ND	NA
	8/22/2018	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	0.83	ND	ND	0.5	2.6
	12/3/2020	5.5	ND	ND	8.6	47.5	9	ND	176	2.8
	11/8/2021	7.4	ND	ND	10.6	59.9	12.2	ND	203	2.9
10/25/2022	4.1	ND	ND	5	34	7.3	ND	130	3.2	
4/27/2023	ND	ND	ND	ND	1.9	ND	ND	7.1	ND	
MW-12U	9/10/13*	ND	ND	ND	ND	0.81	ND	ND	7.8	NA
	12/11/2013	ND	ND	ND	ND	0.78	ND	ND	0.71	NA
	4/2/2014	ND	ND	ND	ND	ND	ND	ND	0.97	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	0.7	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	1.2	NA
	8/30/2017	ND	ND	ND	ND	ND	ND	ND	ND	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	0.3	NA
MW-12L	9/10/13*	ND	ND	ND	ND	0.68	ND	ND	4.8	NA
	12/12/13*	ND	ND	ND	ND	ND	ND	ND	5.7	NA
	4/2/2014	ND	ND	ND	ND	ND	ND	ND	1.1	NA
	9/9/2015	ND	ND	ND	ND	ND	ND	ND	1.3	NA
	7/5/2016	ND	ND	ND	ND	ND	ND	ND	0.51	NA
	8/30/2017	ND	ND	ND	ND	ND	ND	ND	0.66	NA
	6/17/2019	ND	ND	ND	ND	ND	ND	ND	0.94	ND
	10/25/2022	ND	ND	ND	ND	ND	ND	ND	1.1	NA

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1,1,1-TCA	1,1,1 Trichloroethane
1,1,2-TCA	1,1,2-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
cis-1,2-DCE	cis-1,2-Dichloroethene
PCE	Tetrachloroethane
trans-1,2-DCE	trans-1,2-Dichloroethene
TCE	Trichloroethene
MW	Monitoring Well
*	Well purged prior to sampling
MCL	Maximum Contaminant Level
Shaded Red	Result Exceeds MCL or Act 2 Standard
ND	Not Detected
NA	Not Analyzed
All results reported in µg/L (same as parts per billion)	

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Nockamixon HSCA Site - Monitoring Well Locations



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