State of Oregon
Department of Environmental Quality Memorandum

Date: September 7, 2011

To: file

From: Bob Schwarz
Eastern Region Cleanup Program

Subject: Alkali Lake Chemical Waste Disposal Site, ECSI # 291; May 2011 groundwater monitoring report

DEQ conducted groundwater monitoring between May 25 and 27, 2011. Results are summarized in this report.

Groundwater sampling and analysis were conducted in accordance with the May 11, 2011 sampling and analysis plan. Fifteen wells were sampled. These are listed on Table 1.

ESC Lab Sciences (ESC) was the lab selected for this sampling event. DEQ requested analysis of herbicides by USEPA Method 8151, and phenols by USEPA Method 8270. Method 8270 analytes include "acid compounds" (of which phenols are a subset) and "base/neutral" compounds. ESC reported all the "acid compounds," which is why several non-phenolic compounds are shown. Analytes reported by ESC are provided in Table 2.

Of the 36 analytes, nine were detected in at least one well. Table 3 presents those analytes present at detectable concentrations in each of the 15 wells sampled. This table also lists human health risk screening levels for tap water, published by USEPA. Although groundwater within the site's locality of facility is not used for drinking, these risk screening levels provide some reference. Ecological risk screening levels are not available for most of these contaminants.

Contaminant trends over time. The Record of Decision for this site, issued in April 2007, includes an assessment of contaminant trends over time. Six contaminants were selected for this purpose, because they were found at the highest concentrations relative to their human health risk screening levels. These chemicals are:

- 2,4,6-trichlorophenol
- 2,4-dichlorophenol
- 2,4-D
- 2-chlorophenol
- MCPA
- MCPP

Attachment 1 presents concentrations of these chemicals over time, for each of the 15 wells included in the May 2011 sampling event.

Comparison of contamination in shall and deep wells.

Paired deep and shallow wells were installed at seven locations. Shallow wells are approximately 8 to 10 feet deep, while the deep wells are approximately 35 feet deep.

Three of these well pairs are approximately 1,500 feet downgradient from the CWDA. As shown on Figure 1, these are wells MW-15/MW-64, MW-62/MW-63, and MW-60/MW-61. These six wells were among the 15 included for this sampling event. Very few of the contaminants were detected in these six wells. They therefore do not provide a good comparison of contaminant concentrations at different depths.

Four pairs were installed close to the CWDA. These are MW-2/MW-54 to the east (upgradient), MW-18/MW-55 to the north (cross-gradient), MW-41/MW-56 to the south (cross-gradient), and MW-10/MW-57 to the west (downgradient). Contaminant concentrations are generally below detection limits or are found at low levels in the upgradient and cross-gradient wells.

During past sampling events, significant contaminant concentrations have been found in well MW-10. This well, and adjacent deep well MW-57, are approximately 250 feet downgradient from the CWDA. They generally provide the best data for comparing contaminant concentrations at different depths. During this sampling event, however, most analytes were not detected. It must be noted that detection limits were quite elevated in MW-10. This is always the case, due to matrix interference from high concentrations of some contaminants.

Table 4 presents a comparison of contaminant concentrations in water from these two wells. The table includes the ratio between contaminant concentrations (or detection limits) in the two wells. In the case of contaminants not detected (those with U qualifiers), this factor should be considered only as an approximation of attenuation. As shown, the ratio ranges from 0.5 (for MCPA, which was not detected in either well) to 275,000 (for 2,4,6-trichlorophenol). Generally, contaminant concentrations in the shallow well are two to three orders of magnitude higher than in the deep well.

Conclusions. Contaminant concentrations in May 2011 are generally comparable to or lower than concentrations found during previous sampling events. Based on the sampling schedule identified in the Record of Decision, the next sampling event will occur in fall of 2013.

Table 1
Wells included in May 2011 sampling event

Well #	Location		Description	Rationale
	Easting	Northing		
MW-10	2120440.3	474669.56	250 ft West of CWDA	Nearby downgradient water quality from CWDA
MW-57	2120447.9	474686.4	250 ft West of CWDA	Deep water well paired with MW-10
MW-11	2120404	474396.70	300 ft west of CWDA	Downgradient from drum mound
MW-14	2119676.8	474990.92	1,000 feet west of CWDA	Middle-distance downgradient water quality from CWDA
MW-15	2119275.8	475206.85	1,500 ft W-NW of CWDA	Middle-distance downgradient water quality from CWDA (well pair)
MW-64	2119273.5	475191.5	1,500 ft W-NW of CWDA	Deep water well paired with MW-15
MW-62	2119414.5	475818.0	1,600 ft NW of CWDA	Middle-distance downgradient water quality from CWDA (well pair)
MW-63	2119408.7	475808.5	1,600 ft NW of CWDA	Deep water well paired with MW-62
MW-60	2119897.1	476238.1	1,700 ft NW of CWDA	Middle-distance downgradient water quality from CWDA (well pair)
MW-61	2119906.5	476230.5	1,700 ft NW of CWDA	Deep water well paired with MW-60
MW-50	2119826.81	475703.94	North Depression	Monitor groundwater in North Depression
MW-16	2119039.3	475587.34	SE shore of West Alkali Lake	Monitor groundwater at West Alkali Lake
MW-17	2119211.8	475830.42	SE shore of West Alkali Lake	Monitor groundwater at West Alkali Lake
MW-52	2120546.51	476081.44	1,200 ft N of CWDA	Monitor groundwater near Hutton Springs
MW-53	2120037.20	476578.67	1,800 N-NW of CWDA	Monitor groundwater near Hutton Springs

Table 2
Chemical included in groundwater analysis

Analyte	CAS #	Analytical Method
Herbicides		
2,4-D	94-75-7	8151
Dalapon	75-99-0	8151
2,4-DB	94-82-6	8151
Dicamba	1918-00-9	8151
Dichloroprop	120-36-5	8151
Dinoseb	88-85-7	8151
MCPA	94-74-6	8151
MCPP	93-65-2	8151
2,4,5-T	93-76-5	8151
2,4,5-TP (Silvex)	93-72-1	8151
Semivolatile organic compounds (including phenolic compounds)		
2,6-Dichlorophenol	87-65-0	8270C
2,3,4,6-Tetrachlorophenol	58-90-2	8270C
Aniline	62-53-3	8270C
Azobenzene	103-33-3	8270C
Benzyl alcohol	100-51-6	8270C
4-Chloroaniline	106-47-8	8270C
4-Chloro-3-methylphenol	59-50-7	8270C
2-Chlorophenol	95-57-8	8270C
Dibenzofuran	132-64-9	8270C
2,4-Dichlorophenol	120-83-2	8270C
2,4-Dimethylphenol	105-67-9	8270C
4,6-Dinitro-2-methylphenol	534-52-1	8270C
2,4-Dinitrophenol	51-28-5	8270C
2-Methylnaphthalene	91-57-6	8270C
2-Methylphenol	95-48-7	8270C
3&4-Methyl Phenol		8270C
2-Nitroaniline	88-74-4	8270C
3-Nitroaniline	99-09-2	8270C
4-Nitroaniline	100-01-6	8270C
2-Nitrophenol	88-75-5	8270C
4-Nitrophenol	100-02-7	8270C
Pentachlorophenol	87-86-5	8270C
Phenol	108-95-2	8270C
Pyridine	110-86-1	8270C
2,4,6-Trichlorophenol	88-06-2	8270C
2,4,5-Trichlorophenol	95-95-4	8270C

Table 3
Detected analytes

SMPL-ID	CAS	ANALYTE	RESULT	QUALIFIER	UNIT	EPA RSL [1]
MW-10	**95-95-4**	**2,4,5-Trichlorophenol**	**4,100**	J	ug/l	3,700
MW-14	95-95-4	2,4,5-Trichlorophenol	7.8	J	ug/l	
MW-57	95-95-4	2,4,5-Trichlorophenol	19		ug/l	
MW-10	**88-06-2**	**2,4,6-Trichlorophenol**	**77,000**		ug/l	6.1
MW-11	88-06-2	2,4,6-Trichlorophenol	0.51	J	ug/l	
MW-10	**94-75-7**	**2,4-D**	**2,000**		ug/l	370
MW-10	**94-82-6**	**2,4-DB**	**1,300**		ug/l	290
MW-10	**120-83-2**	**2,4-Dichlorophenol**	**490,000**		ug/l	110
MW-14	**120-83-2**	**2,4-Dichlorophenol**	**150**	J	ug/l	
MW-15	120-83-2	2,4-Dichlorophenol	1	J	ug/l	
MW-15 (dup)	120-83-2	2,4-Dichlorophenol	1	J	ug/l	
MW-57	**120-83-2**	**2,4-Dichlorophenol**	**360**		ug/l	
MW-61	120-83-2	2,4-Dichlorophenol	1.2	J	ug/l	
MW-62	120-83-2	2,4-Dichlorophenol	1.2	J	ug/l	
MW-63	120-83-2	2,4-Dichlorophenol	1.7	J	ug/l	
MW-10	87-65-0	2,6-Dichlorophenol	37,000		ug/l	NL
MW-10	**95-57-8**	**2-Chlorophenol**	**11,000**		ug/l	180
MW-14	95-57-8	2-Chlorophenol	6.6	J	ug/l	
MW-15	95-57-8	2-Chlorophenol	0.82	J	ug/l	
MW-15 (dup)	95-57-8	2-Chlorophenol	0.88	J	ug/l	
MW-57	95-57-8	2-Chlorophenol	4.2	J	ug/l	
MW-10	95-48-7	2-Methylphenol	1400	J	ug/l	1,800
MW-14	95-48-7	2-Methylphenol	170	J	ug/l	
MW-15	95-48-7	2-Methylphenol	77	J	ug/l	
MW-15 (dup)	95-48-7	2-Methylphenol	89	J	ug/l	
MW-50	95-48-7	2-Methylphenol	7.4	J	ug/l	
MW-57	95-48-7	2-Methylphenol	350		ug/l	
MW-14	59-50-7	4-Chloro-3-methylphenol	570		ug/l	NL
MW-15	59-50-7	4-Chloro-3-methylphenol	210		ug/l	
MW-15 (dup)	59-50-7	4-Chloro-3-methylphenol	220		ug/l	
MW-16	59-50-7	4-Chloro-3-methylphenol	21		ug/l	
MW-50	59-50-7	4-Chloro-3-methylphenol	120		ug/l	
MW-60	59-50-7	4-Chloro-3-methylphenol	0.79	J	ug/l	

1. EPA RSL: Human health risk screening level published by USEPA (http://www.epa.gov/earth1r6/6pd/rcra_c/pd-n/screen.htm)
2. NL: risk screening level not listed for this contaminant.

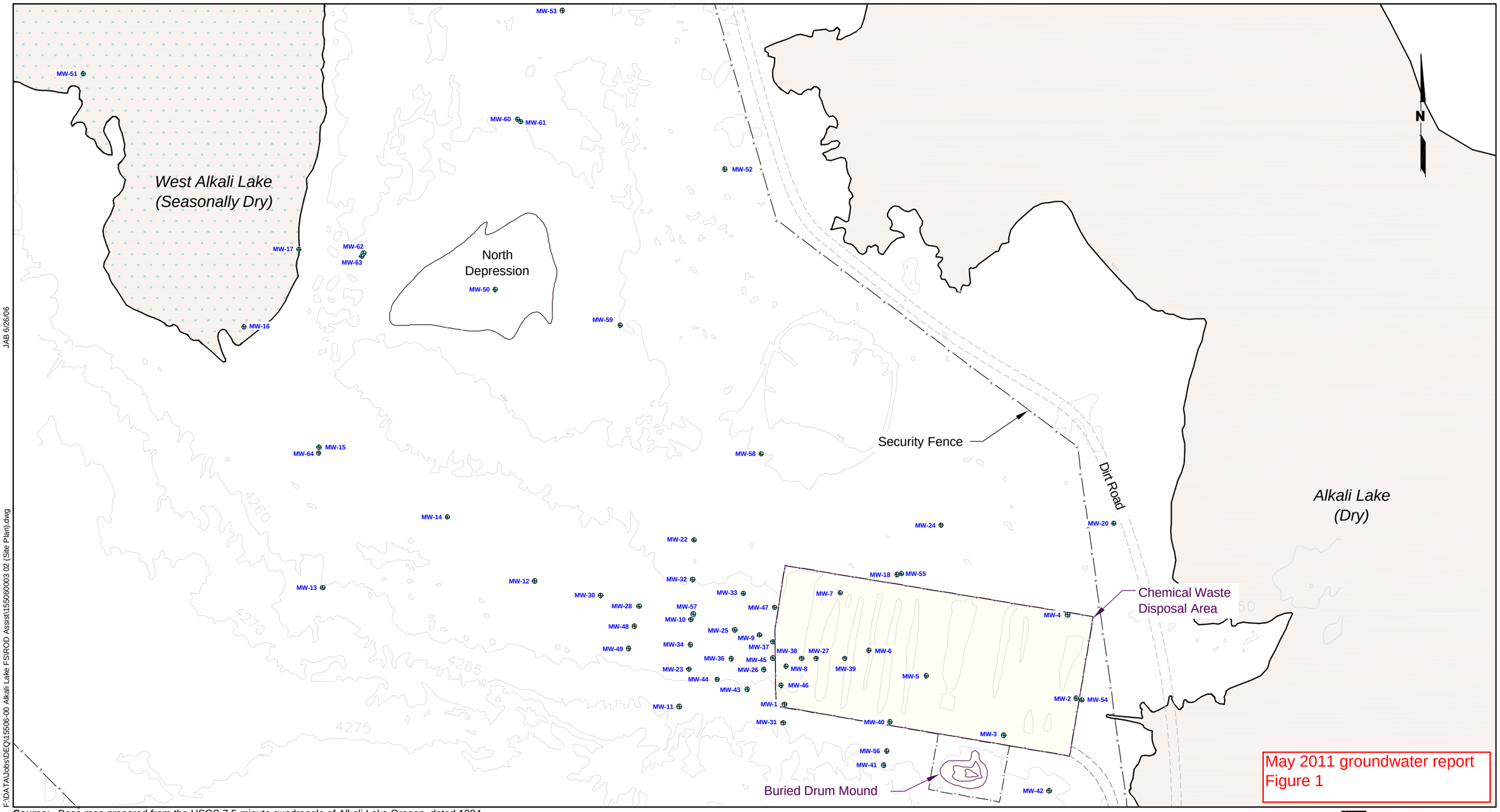
Table 4 (page 1 of 2)
Comparison of contaminant concentrations in paired wells MW-10 and MW-57

SMPL-ID	SAMPLING DATE	ANALYTE	RESULT, mg/L	QUALIFIER	REDUCTION FACTOR
MW-10	5/26/2011	2,3,4,6-Tetrachlorophenol	1.2	U	
MW-57	5/26/2011	2,3,4,6-Tetrachlorophenol	0.049	U	24
MW-10	5/26/2011	2,4,5-T	0.075	U	
MW-57	5/26/2011	2,4,5-T	0.00015	U	500
MW-10	5/26/2011	2,4,5-TP (Silvex)	0.091	U	
MW-57	5/26/2011	2,4,5-TP (Silvex)	0.00018	U	506
MW-10	5/26/2011	2,4,5-Trichlorophenol	4.1	J	
MW-57	5/26/2011	2,4,5-Trichlorophenol	0.019		216
MW-10	5/26/2011	2,4,6-Trichlorophenol	77		
MW-57	5/26/2011	2,4,6-Trichlorophenol	0.00028	U	275,000
MW-10	5/26/2011	2,4-D	2		
MW-57	5/26/2011	2,4-D	0.00014	U	14,286
MW-10	5/26/2011	2,4-DB	1.3		
MW-57	5/26/2011	2,4-DB	0.00015	U	8,667
MW-10	5/26/2011	2,4-Dichlorophenol	490		
MW-57	5/26/2011	2,4-Dichlorophenol	0.36		1,361
MW-10	5/26/2011	2,4-Dimethylphenol	0.67	U	
MW-57	5/26/2011	2,4-Dimethylphenol	0.0013	U	515
MW-10	5/26/2011	2,4-Dinitrophenol	1.2	U	
MW-57	5/26/2011	2,4-Dinitrophenol	0.0023	U	522
MW-10	5/26/2011	2,6-Dichlorophenol	37		
MW-57	5/26/2011	2,6-Dichlorophenol	0.062	U	597
MW-10	5/26/2011	2-Chlorophenol	11		
MW-57	5/26/2011	2-Chlorophenol	0.0042	J	2,619
MW-10	5/26/2011	2-Methylnaphthalene	0.22	U	
MW-57	5/26/2011	2-Methylnaphthalene	0.00044	U	500
MW-10	5/26/2011	2-Methylphenol	1.4	J	
MW-57	5/26/2011	2-Methylphenol	0.35		4
MW-10	5/26/2011	2-Nitroaniline	0.11	U	
MW-57	5/26/2011	2-Nitroaniline	0.00022	U	500
MW-10	5/26/2011	2-Nitrophenol	0.14	U	
MW-57	5/26/2011	2-Nitrophenol	0.00028	U	500
MW-10	5/26/2011	3&4-Methyl Phenol	0.58	U	
MW-57	5/26/2011	3&4-Methyl Phenol	0.0012	U	483
MW-10	5/26/2011	3-Nitroaniline	0.088	U	
MW-57	5/26/2011	3-Nitroaniline	0.00018	U	489

Table 4 (page 2 of 2)
Comparison of contaminant concentrations in paired wells MW-10 and MW-57

MW-10	5/26/2011	4,6-Dinitro-2-methylphenol	1.3	U	
MW-57	5/26/2011	4,6-Dinitro-2-methylphenol	0.0026	U	500
MW-10	5/26/2011	4-Chloro-3-methylphenol	0.11	U	
MW-57	5/26/2011	4-Chloro-3-methylphenol	0.0046	U	24
MW-10	5/26/2011	4-Chloroaniline	0.13	U	
MW-57	5/26/2011	4-Chloroaniline	0.00026	U	500
MW-10	5/26/2011	4-Nitroaniline	0.14	U	
MW-57	5/26/2011	4-Nitroaniline	0.00028	U	500
MW-10	5/26/2011	4-Nitrophenol	1.4	U	
MW-57	5/26/2011	4-Nitrophenol	0.0027	U	519
MW-10	5/26/2011	Aniline	1.2	U	
MW-57	5/26/2011	Aniline	0.0024	U	500
MW-10	5/26/2011	Azobenzene	0.082	U	
MW-57	5/26/2011	Azobenzene	0.00016	U	513
MW-10	5/26/2011	Benzyl alcohol	0.12	U	
MW-57	5/26/2011	Benzyl alcohol	0.00023	U	522
MW-10	5/26/2011	Dalapon	0.44	U	
MW-57	5/26/2011	Dalapon	0.00088	U	500
MW-10	5/26/2011	Dibenzofuran	0.086	U	
MW-57	5/26/2011	Dibenzofuran	0.00017	U	506
MW-10	5/26/2011	Dicamba	0.11	U	
MW-57	5/26/2011	Dicamba	0.00022	U	500
MW-10	5/26/2011	Dichloroprop	0.068	U	
MW-57	5/26/2011	Dichloroprop	0.00014	U	486
MW-10	5/26/2011	Dinoseb	0.052	U	
MW-57	5/26/2011	Dinoseb	0.0001	U	520
MW-10	5/26/2011	MCPA	0.025	U	
MW-57	5/26/2011	MCPA	0.051	U	0.5
MW-10	5/26/2011	MCPP	17	U	
MW-57	5/26/2011	MCPP	0.034	U	500
MW-10	5/26/2011	Pentachlorophenol	0.2	U	
MW-57	5/26/2011	Pentachlorophenol	0.00041	U	488
MW-10	5/26/2011	Phenol	0.56	U	
MW-57	5/26/2011	Phenol	0.0011	U	509
MW-10	5/26/2011	Pyridine	1.2	U	
MW-57	5/26/2011	Pyridine	0.0025	U	480

Site Plan
Alkali Lake Chemical Waste Disposal Site
Lake County, Oregon



Source: Base map prepared from the USGS 7.5-minute quadrangle of Alkali Lake Oregon, dated 1984.

MW-13 Monitoring Well Location and Number

0 300 600
Scale in Feet

HARTCROWSER

15506-00/Task 3 ***6/06***

Figure 2

JAB 6/26/06

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Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-10		2,4,6-Trichlorophenol	7/1/1991	41	
MW-10		2,4,6-Trichlorophenol	7/9/1992	40	
MW-10		2,4,6-Trichlorophenol	4/27/1993	35.8	J
MW-10		2,4,6-Trichlorophenol	9/21/1993	40.8	
MW-10	DUP	2,4,6-Trichlorophenol	9/21/1993	35.1	
MW-10		2,4,6-Trichlorophenol	5/2/1996	33.7	
MW-10		2,4,6-Trichlorophenol	10/2/1996	58	
MW-10		2,4,6-Trichlorophenol	4/30/1997	52	
MW-10		2,4,6-Trichlorophenol	5/14/1998	50	
MW-10		2,4,6-Trichlorophenol	6/10/1999	54.9	J
MW-10		2,4,6-Trichlorophenol	6/8/2000	66	
MW-10		2,4,6-Trichlorophenol	5/23/2001	110	
MW-10		2,4,6-Trichlorophenol	9/20/2006	41.9	D
MW-10		2,4,6-Trichlorophenol	5/5/2009	74.5	
MW-10		2,4,6-Trichlorophenol	5/26/2011	77	
MW-10		2,4-D	7/9/1992	20	
MW-10		2,4-D	4/27/1993	1.04	J
MW-10	DUP	2,4-D	9/21/1993	214	
MW-10		2,4-D	5/2/1996	22.6	J
MW-10		2,4-D	10/2/1996	52	J
MW-10		2,4-D	4/30/1997	37	
MW-10		2,4-D	5/14/1998	110.2	
MW-10		2,4-D	6/10/1999	0.01	UJ
MW-10		2,4-D	6/8/2000	1.906	
MW-10		2,4-D	5/23/2001	123	
MW-10		2,4-D	5/23/2001	175	
MW-10		2,4-D	9/20/2006	93.3	R-05,
MW-10		2,4-D	5/5/2009	51	
MW-10		2,4-D	5/1/2010	94	
MW-10		2,4-D	5/26/2011	2	
MW-10		2,4-Dichlorophenol	7/1/1991	120	
MW-10		2,4-Dichlorophenol	7/9/1992	400	
MW-10		2,4-Dichlorophenol	4/27/1993	521	
MW-10		2,4-Dichlorophenol	9/21/1993	512	
MW-10		2,4-Dichlorophenol	5/2/1996	370	
MW-10		2,4-Dichlorophenol	10/2/1996	630	
MW-10		2,4-Dichlorophenol	4/30/1997	609	
MW-10		2,4-Dichlorophenol	5/14/1998	520	
MW-10		2,4-Dichlorophenol	6/10/1999	486	J
MW-10		2,4-Dichlorophenol	6/8/2000	480	
MW-10		2,4-Dichlorophenol	5/23/2001	600	
MW-10		2,4-Dichlorophenol	9/20/2006	451	D
MW-10		2,4-Dichlorophenol	5/5/2009	682	
MW-10		2,4-Dichlorophenol	5/26/2011	490	
MW-10		2-Chlorophenol	7/1/1991	8.2	
MW-10		2-Chlorophenol	7/9/1992	4.7	
MW-10		2-Chlorophenol	4/27/1993	5.6	J
MW-10		2-Chlorophenol	9/21/1993	7.1	
MW-10		2-Chlorophenol	5/2/1996	3.54	

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-10		2-Chlorophenol	10/2/1996	6.4	
MW-10		2-Chlorophenol	4/30/1997	4.71	
MW-10		2-Chlorophenol	5/14/1998	3.5	
MW-10		2-Chlorophenol	6/10/1999	6.94	J
MW-10		2-Chlorophenol	6/8/2000	6	
MW-10		2-Chlorophenol	5/23/2001	11	
MW-10		2-Chlorophenol	9/20/2006	15.2	D
MW-10		2-Chlorophenol	5/5/2009	9.89	J
MW-10		2-Chlorophenol	5/26/2011	11	
MW-10		MCPA	7/9/1992	34	
MW-10		MCPA	4/27/1993	1.87	J
MW-10	DUP	MCPA	9/21/1993	264	
MW-10		MCPA	5/2/1996	33.1	J
MW-10		MCPA	10/2/1996	83	J
MW-10		MCPA	4/30/1997	67	
MW-10		MCPA	5/14/1998	169.3	
MW-10		MCPA	6/10/1999	1220	J
MW-10		MCPA	6/8/2000	2.74	
MW-10		MCPA	5/23/2001	496	
MW-10		MCPA	5/23/2001	226	
MW-10		MCPA	9/20/2006	8.71	U, D
MW-10		MCPA	5/5/2009	302	
MW-10		MCPA	5/1/2010	130	
MW-10		MCPA	5/26/2011	25	U
MW-10		MCPP	7/9/1992	0.6	
MW-10		MCPP	4/27/1993	0.0007	UJ
MW-10		MCPP	9/21/1993	0.02	U
MW-10		MCPP	5/2/1996	0.05	UJ
MW-10		MCPP	10/2/1996	0.01	UJ
MW-10		MCPP	4/30/1997	0.01	U
MW-10		MCPP	5/14/1998	0.01	U
MW-10		MCPP	6/10/1999	0.01	UJ
MW-10		MCPP	6/8/2000	0.04	U
MW-10		MCPP	5/23/2001	1960	
MW-10		MCPP	5/23/2001	722	
MW-10		MCPP	9/20/2006	3.32	U, D
MW-10		MCPP	5/5/2009	1130	
MW-10		MCPP	5/1/2010	10	U
MW-10		MCPP	5/26/2011	17	U
MW-11		2,4,6-Trichlorophenol	7/1/1991	0.01	U
MW-11		2,4,6-Trichlorophenol	7/9/1992	0.006	U
MW-11		2,4,6-Trichlorophenol	4/27/1993	0.007	U
MW-11		2,4,6-Trichlorophenol	9/21/1993	0.0009	U
MW-11		2,4,6-Trichlorophenol	5/3/1994	0.0058	U
MW-11		2,4,6-Trichlorophenol	9/27/1994	0.011	U
MW-11		2,4,6-Trichlorophenol	4/26/1995	0.006	U
MW-11		2,4,6-Trichlorophenol	5/1/1996	0.006	U
MW-11		2,4,6-Trichlorophenol	10/2/1996	0.006	U
MW-11		2,4,6-Trichlorophenol	5/1/1997	0.006	U
MW-11		2,4,6-Trichlorophenol	5/15/1998	0.04	

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-11		2,4,6-Trichlorophenol	6/9/1999	0.006	U
MW-11		2,4,6-Trichlorophenol	6/7/2000	0.003	U
MW-11		2,4,6-Trichlorophenol	5/22/2001	0.006	U
MW-11		2,4,6-Trichlorophenol	5/26/2011	0.00051	J
MW-11		2,4-D	7/9/1992	0.008	J
MW-11		2,4-D	4/27/1993	0.0049	J
MW-11		2,4-D	9/21/1993	0.0007	U
MW-11		2,4-D	5/3/1994	0.0012	U
MW-11		2,4-D	9/27/1994	0.0001	U
MW-11		2,4-D	4/26/1995	0.00006	U
MW-11		2,4-D	5/1/1996	0.00006	U
MW-11		2,4-D	10/2/1996	0.0006	U
MW-11		2,4-D	5/1/1997	0.0001	U
MW-11		2,4-D	5/15/1998	0.0001	U
MW-11		2,4-D	6/9/1999	0.0001	UJ
MW-11		2,4-D	6/7/2000	0.00004	U
MW-11		2,4-D	5/22/2001	0.00004	U
MW-11		2,4-D	5/26/2011	0.00014	U
MW-11		2,4-Dichlorophenol	7/1/1991	0.01	U
MW-11		2,4-Dichlorophenol	7/9/1992	0.006	U
MW-11		2,4-Dichlorophenol	4/27/1993	0.007	U
MW-11		2,4-Dichlorophenol	9/21/1993	0.0009	U
MW-11		2,4-Dichlorophenol	5/3/1994	0.0058	U
MW-11		2,4-Dichlorophenol	9/27/1994	0.011	U
MW-11		2,4-Dichlorophenol	4/26/1995	0.006	U
MW-11		2,4-Dichlorophenol	5/1/1996	0.006	U
MW-11		2,4-Dichlorophenol	10/2/1996	0.006	U
MW-11		2,4-Dichlorophenol	5/1/1997	0.006	U
MW-11		2,4-Dichlorophenol	5/15/1998	0.013	
MW-11		2,4-Dichlorophenol	6/9/1999	0.006	U
MW-11		2,4-Dichlorophenol	6/7/2000	0.003	U
MW-11		2,4-Dichlorophenol	5/22/2001	0.006	U
MW-11		2,4-Dichlorophenol	5/26/2011	0.00097	U
MW-11		2-Chlorophenol	7/1/1991	0.01	U
MW-11		2-Chlorophenol	7/9/1992	0.006	U
MW-11		2-Chlorophenol	4/27/1993	0.007	U
MW-11		2-Chlorophenol	9/21/1993	0.0009	U
MW-11		2-Chlorophenol	5/3/1994	0.0058	U
MW-11		2-Chlorophenol	9/27/1994	0.011	U
MW-11		2-Chlorophenol	4/26/1995	0.006	U
MW-11		2-Chlorophenol	5/1/1996	0.006	U
MW-11		2-Chlorophenol	10/2/1996	0.006	U
MW-11		2-Chlorophenol	5/1/1997	0.006	U
MW-11		2-Chlorophenol	5/15/1998	0.006	U
MW-11		2-Chlorophenol	6/9/1999	0.006	U
MW-11		2-Chlorophenol	6/7/2000	0.003	U
MW-11		2-Chlorophenol	5/22/2001	0.006	U
MW-11		2-Chlorophenol	5/26/2011	0.00019	U
MW-11		MCPA	7/9/1992	0.009	J
MW-11		MCPA	4/27/1993	0.0088	J
MW-11		MCPA	9/21/1993	0.0007	U
MW-11		MCPA	5/3/1994	0.0012	U
MW-11		MCPA	9/27/1994	0.0001	U
MW-11		MCPA	4/26/1995	0.00006	U
MW-11		MCPA	5/1/1996	0.00006	U
MW-11		MCPA	10/2/1996	0.0006	U
MW-11		MCPA	5/1/1997	0.0001	J

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-11		MCPA	5/15/1998	0.0001	U
MW-11		MCPA	6/9/1999	0.0001	UJ
MW-11		MCPA	6/7/2000	0.03066	
MW-11		MCPA	5/22/2001	0.00405	U
MW-11		MCPA	5/26/2011	0.051	U
MW-11		MCPP	7/9/1992	0.001	UJ
MW-11		MCPP	4/27/1993	0.0007	UJ
MW-11		MCPP	9/21/1993	0.0007	U
MW-11		MCPP	5/3/1994	0.0012	U
MW-11		MCPP	9/27/1994	0.0001	U
MW-11		MCPP	4/26/1995	0.00006	U
MW-11		MCPP	5/1/1996	0.00006	U
MW-11		MCPP	10/2/1996	0.0006	U
MW-11		MCPP	5/1/1997	0.0001	U
MW-11		MCPP	5/15/1998	0.0001	U
MW-11		MCPP	6/9/1999	0.0001	UJ
MW-11		MCPP	6/7/2000	0.00438	U
MW-11		MCPP	5/22/2001	0.00405	U
MW-11		MCPP	5/26/2011	0.034	U
MW-14		2,4,6-Trichlorophenol	7/1/1991	2.5	
MW-14		2,4,6-Trichlorophenol	7/9/1992	6	
MW-14		2,4,6-Trichlorophenol	4/27/1993	2.4	J
MW-14	DUP	2,4,6-Trichlorophenol	9/21/1993	1.98	
MW-14		2,4,6-Trichlorophenol	5/3/1994	0.76	
MW-14		2,4,6-Trichlorophenol	9/28/1994	0.7	
MW-14	DUP	2,4,6-Trichlorophenol	4/26/1995	0.26	
MW-14		2,4,6-Trichlorophenol	9/20/1995	0.3	
MW-14		2,4,6-Trichlorophenol	5/2/1996	0.25	U
MW-14		2,4,6-Trichlorophenol	10/2/1996	0.006	U
MW-14		2,4,6-Trichlorophenol	4/30/1997	0.51	U
MW-14		2,4,6-Trichlorophenol	5/15/1998	0.07	U
MW-14		2,4,6-Trichlorophenol	6/10/1999	0.02	UJ
MW-14		2,4,6-Trichlorophenol	6/8/2000	0.1	U
MW-14		2,4,6-Trichlorophenol	5/23/2001	0.2	UJ
MW-14	DUP	2,4,6-Trichlorophenol	5/23/2001	0.3	U
MW-14		2,4,6-Trichlorophenol	5/10/2002	0.424	D100
MW-14		2,4,6-Trichlorophenol	9/20/2006	0.1	U, D
MW-14		2,4,6-Trichlorophenol	5/5/2009	0.0479	U
MW-14		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-14		2,4-D	7/9/1992	1.04	
MW-14		2,4-D	4/27/1993	8.86	J
MW-14		2,4-D	9/21/1993	7.2	J
MW-14		2,4-D	5/3/1994	12.5	
MW-14		2,4-D	9/28/1994	0.001	U
MW-14	DUP	2,4-D	4/26/1995	1.7	
MW-14		2,4-D	9/20/1995	0.38356	
MW-14		2,4-D	5/2/1996	0.03	UJ
MW-14		2,4-D	10/2/1996	0.001	U
MW-14		2,4-D	4/30/1997	0.01	UJ
MW-14		2,4-D	5/15/1998	0.0568	
MW-14		2,4-D	6/10/1999	0.0002	UJ
MW-14		2,4-D	6/8/2000	0.0015	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-14		2,4-D	5/23/2001	0.0003	U
MW-14		2,4-D	5/23/2001	0.001	U
MW-14		2,4-D	5/10/2002	0.0008	U
MW-14		2,4-D	9/20/2006	0.000229	J-06,
MW-14		2,4-D	5/5/2009	0.000062	U
MW-14		2,4-D	5/25/2011	0.0028	U
MW-14		2,4-Dichlorophenol	7/1/1991	12	
MW-14		2,4-Dichlorophenol	7/9/1992	19	
MW-14		2,4-Dichlorophenol	4/27/1993	32.1	J
MW-14	DUP	2,4-Dichlorophenol	9/21/1993	29.5	
MW-14		2,4-Dichlorophenol	5/3/1994	11.2	
MW-14		2,4-Dichlorophenol	9/28/1994	6.1	
MW-14	DUP	2,4-Dichlorophenol	4/26/1995	1.3	
MW-14		2,4-Dichlorophenol	9/20/1995	0.05	U
MW-14		2,4-Dichlorophenol	5/2/1996	9	
MW-14		2,4-Dichlorophenol	10/2/1996	9.7	
MW-14	DUP	2,4-Dichlorophenol	4/30/1997	7.2	
MW-14		2,4-Dichlorophenol	5/15/1998	5.3	
MW-14		2,4-Dichlorophenol	6/10/1999	4.15	J
MW-14		2,4-Dichlorophenol	6/8/2000	2.65	
MW-14		2,4-Dichlorophenol	5/23/2001	6.16	
MW-14	DUP	2,4-Dichlorophenol	5/10/2002	0.0483	D100
MW-14		2,4-Dichlorophenol	9/20/2006	2.03	D
MW-14		2,4-Dichlorophenol	5/5/2009	0.231	J
MW-14		2,4-Dichlorophenol	5/25/2011	0.15	J
MW-14		2-Chlorophenol	7/1/1991	1	
MW-14		2-Chlorophenol	7/9/1992	0.4	
MW-14		2-Chlorophenol	4/27/1993	0.28	J
MW-14	DUP	2-Chlorophenol	9/21/1993	0.464	
MW-14		2-Chlorophenol	5/3/1994	0.194	
MW-14		2-Chlorophenol	9/28/1994	0.5	U
MW-14	DUP	2-Chlorophenol	4/26/1995	0.082	
MW-14		2-Chlorophenol	9/20/1995	0.05	U
MW-14		2-Chlorophenol	5/2/1996	0.25	U
MW-14		2-Chlorophenol	10/2/1996	0.085	
MW-14		2-Chlorophenol	4/30/1997	0.51	U
MW-14		2-Chlorophenol	5/15/1998	0.07	U
MW-14		2-Chlorophenol	6/10/1999	0.02	UJ
MW-14		2-Chlorophenol	6/8/2000	0.1	U
MW-14		2-Chlorophenol	5/23/2001	0.2	UJ
MW-14	DUP	2-Chlorophenol	5/23/2001	0.3	U
MW-14	DUP	2-Chlorophenol	5/10/2002	0.00874	
MW-14		2-Chlorophenol	9/20/2006	0.1	U, D
MW-14		2-Chlorophenol	5/5/2009	0.0295	U
MW-14		2-Chlorophenol	5/25/2011	0.0066	J
MW-14		MCPA	7/9/1992	0.54	
MW-14		MCPA	4/27/1993	21.5	J
MW-14		MCPA	9/21/1993	13.2	J
MW-14		MCPA	5/3/1994	25	

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-14		MCPA	9/28/1994	8.5	
MW-14	DUP	MCPA	4/26/1995	17	
MW-14		MCPA	9/20/1995	13.2	
MW-14		MCPA	5/2/1996	1.41	J
MW-14		MCPA	10/2/1996	7.7	
MW-14	DUP	MCPA	4/30/1997	10.6	J
MW-14		MCPA	5/15/1998	9.61	
MW-14		MCPA	6/10/1999	6.2	J
MW-14		MCPA	6/8/2000	17.45	
MW-14		MCPA	5/23/2001	16.1	
MW-14		MCPA	5/10/2002	11.6	D100
MW-14		MCPA	9/20/2006	0.0871	U
MW-14		MCPA	5/5/2009	8.15	
MW-14		MCPA	5/25/2011	1	U
MW-14		MCPP	7/9/1992	0.06	
MW-14		MCPP	4/27/1993	0.0007	UJ
MW-14		MCPP	9/21/1993	0.002	U
MW-14		MCPP	5/3/1994	0.005	U
MW-14		MCPP	9/28/1994	0.024	
MW-14		MCPP	4/26/1995	0.07	U
MW-14		MCPP	9/20/1995	0.00007	U
MW-14		MCPP	5/2/1996	0.03	UJ
MW-14		MCPP	10/2/1996	0.001	U
MW-14		MCPP	4/30/1997	0.01	UJ
MW-14		MCPP	5/15/1998	0.0005	U
MW-14		MCPP	6/10/1999	0.0002	UJ
MW-14		MCPP	6/8/2000	0.01	U
MW-14		MCPP	5/23/2001	8.5	
MW-14	DUP	MCPP	5/23/2001	7.7	U
MW-14		MCPP	5/10/2002	0.0008	U
MW-14		MCPP	9/20/2006	0.0332	U
MW-14		MCPP	5/5/2009	1.49	
MW-14		MCPP	5/25/2011	0.68	U
MW-15		2,4,6-Trichlorophenol	7/1/1991	0.05	
MW-15		2,4,6-Trichlorophenol	7/9/1992	0.06	U
MW-15		2,4,6-Trichlorophenol	4/27/1993	0.006	U
MW-15		2,4,6-Trichlorophenol	9/21/1993	0.008	U
MW-15	DUP	2,4,6-Trichlorophenol	5/3/1994	0.063	U
MW-15		2,4,6-Trichlorophenol	9/28/1994	0.06	U
MW-15		2,4,6-Trichlorophenol	4/26/1995	0.006	U
MW-15		2,4,6-Trichlorophenol	9/20/1995	0.06	U
MW-15		2,4,6-Trichlorophenol	5/2/1996	0.006	UJ
MW-15		2,4,6-Trichlorophenol	10/2/1996	0.006	U
MW-15		2,4,6-Trichlorophenol	5/15/1998	0.005	U
MW-15		2,4,6-Trichlorophenol	6/10/1999	0.007	UJ
MW-15		2,4,6-Trichlorophenol	6/8/2000	0.01	U
MW-15		2,4,6-Trichlorophenol	5/22/2001	0.006	U
MW-15		2,4,6-Trichlorophenol	5/22/2001	0.005	U
MW-15		2,4,6-Trichlorophenol	7/25/2001	0.007	UJ
MW-15		2,4,6-Trichlorophenol	5/10/2002	0.000855	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-15		2,4,6-Trichlorophenol	5/13/2003	0.01	U
MW-15		2,4,6-Trichlorophenol	5/5/2004	0.01	U
MW-15		2,4,6-Trichlorophenol	9/19/2006	0.005	U
MW-15		2,4,6-Trichlorophenol	5/5/2009	0.00088	U
MW-15		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-15		2,4-D	7/9/1992	0.36	J
MW-15		2,4-D	4/27/1993	0.297	
MW-15		2,4-D	9/21/1993	0.46	
MW-15	DUP	2,4-D	5/3/1994	0.68	
MW-15		2,4-D	9/28/1994	0.01	UJ
MW-15		2,4-D	4/26/1995	0.069	
MW-15		2,4-D	9/20/1995	0.00008	U
MW-15		2,4-D	5/2/1996	0.0013	U
MW-15		2,4-D	10/2/1996	0.001	U
MW-15		2,4-D	5/1/1997	0.0001	U
MW-15		2,4-D	5/15/1998	0.0001	U
MW-15		2,4-D	6/10/1999	0.0001	UJ
MW-15		2,4-D	6/8/2000	0.00246	
MW-15		2,4-D	5/22/2001	0.00005	U
MW-15		2,4-D	5/22/2001	0.001	U
MW-15		2,4-D	7/25/2001	0.00053	
MW-15		2,4-D	5/10/2002	0.0000806	U
MW-15		2,4-D	5/13/2003	0.001	U
MW-15		2,4-D	5/5/2004	0.00134	J
MW-15		2,4-D	9/19/2006	0.000229	U, J-
MW-15		2,4-D	5/5/2009	0.000062	U
MW-15		2,4-D	5/1/2010	0.005	U
MW-15		2,4-D	5/25/2011	0.00014	U
MW-15		2,4-Dichlorophenol	7/1/1991	0.4	
MW-15	DUP	2,4-Dichlorophenol	7/9/1992	0.26	
MW-15		2,4-Dichlorophenol	4/27/1993	0.006	U
MW-15		2,4-Dichlorophenol	9/21/1993	0.16	
MW-15	DUP	2,4-Dichlorophenol	5/3/1994	0.147	
MW-15		2,4-Dichlorophenol	9/28/1994	0.06	U
MW-15		2,4-Dichlorophenol	4/26/1995	0.006	U
MW-15		2,4-Dichlorophenol	9/20/1995	0.06	U
MW-15		2,4-Dichlorophenol	5/2/1996	0.011	J
MW-15		2,4-Dichlorophenol	10/2/1996	0.082	
MW-15		2,4-Dichlorophenol	5/15/1998	0.1	
MW-15		2,4-Dichlorophenol	6/10/1999	0.021	J
MW-15		2,4-Dichlorophenol	6/8/2000	0.083	
MW-15		2,4-Dichlorophenol	5/22/2001	0.006	U
MW-15		2,4-Dichlorophenol	5/22/2001	0.0595	
MW-15		2,4-Dichlorophenol	7/25/2001	0.062	J
MW-15		2,4-Dichlorophenol	7/25/2001	0.062	
MW-15		2,4-Dichlorophenol	5/10/2002	5.26	D1000
MW-15		2,4-Dichlorophenol	5/13/2003	0.0314	
MW-15		2,4-Dichlorophenol	5/5/2004	0.0879	
MW-15		2,4-Dichlorophenol	9/19/2006	0.00766	
MW-15		2,4-Dichlorophenol	5/5/2009	0.0021	J

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-15		2,4-Dichlorophenol	5/25/2011	0.001	J
MW-15		2-Chlorophenol	7/1/1991	0.019	
MW-15		2-Chlorophenol	7/9/1992	0.06	U
MW-15		2-Chlorophenol	4/27/1993	0.006	U
MW-15		2-Chlorophenol	9/21/1993	0.008	U
MW-15	DUP	2-Chlorophenol	5/3/1994	0.063	U
MW-15		2-Chlorophenol	9/28/1994	0.06	U
MW-15		2-Chlorophenol	4/26/1995	0.006	U
MW-15		2-Chlorophenol	9/20/1995	0.06	U
MW-15		2-Chlorophenol	5/2/1996	0.006	UJ
MW-15		2-Chlorophenol	10/2/1996	0.006	U
MW-15		2-Chlorophenol	5/15/1998	0.005	U
MW-15		2-Chlorophenol	6/10/1999	0.007	UJ
MW-15		2-Chlorophenol	6/8/2000	0.01	U
MW-15		2-Chlorophenol	5/22/2001	0.006	U
MW-15		2-Chlorophenol	5/22/2001	0.005	U
MW-15		2-Chlorophenol	7/25/2001	0.007	UJ
MW-15		2-Chlorophenol	5/10/2002	0.000254	J
MW-15		2-Chlorophenol	5/13/2003	0.01	U
MW-15		2-Chlorophenol	5/5/2004	0.01	U
MW-15		2-Chlorophenol	9/19/2006	0.005	U
MW-15		2-Chlorophenol	5/5/2009	0.00054	U
MW-15	DUP	2-Chlorophenol	5/25/2011	0.00088	J
MW-15		MCPA	7/9/1992	0.7	J
MW-15		MCPA	4/27/1993	0.752	
MW-15		MCPA	9/21/1993	1.2	
MW-15	DUP	MCPA	5/3/1994	1.9	
MW-15		MCPA	9/28/1994	0.72	J
MW-15		MCPA	4/26/1995	0.5	
MW-15		MCPA	9/20/1995	0.00008	U
MW-15		MCPA	5/2/1996	0.7816	
MW-15		MCPA	10/2/1996	0.3	
MW-15		MCPA	5/1/1997	0.0001	U
MW-15		MCPA	5/15/1998	0.46	
MW-15		MCPA	6/10/1999	0.27	J
MW-15		MCPA	6/8/2000	0.3125	
MW-15		MCPA	5/22/2001	0.32143	
MW-15		MCPA	5/22/2001	0.2	U
MW-15		MCPA	7/25/2001	0.782	
MW-15	DUP	MCPA	7/25/2001	0.909	
MW-15		MCPA	5/10/2002	0.412	D100
MW-15		MCPA	5/13/2003	0.223	
MW-15		MCPA	5/5/2004	0.419	
MW-15		MCPA	9/19/2006	0.0871	U
MW-15		MCPA	5/5/2009	0.126	
MW-15		MCPA	5/1/2010	0.058	U
MW-15		MCPA	5/25/2011	0.051	U
MW-15		MCPP	7/9/1992	0.01	U
MW-15		MCPP	4/27/1993	0.0007	UJ

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-15		MCPP	9/21/1993	0.0011	
MW-15		MCPP	5/3/1994	0.0013	UJ
MW-15		MCPP	9/28/1994	0.01	UJ
MW-15		MCPP	4/26/1995	0.005	
MW-15		MCPP	9/20/1995	0.00008	U
MW-15		MCPP	5/2/1996	0.0013	U
MW-15		MCPP	10/2/1996	0.001	U
MW-15		MCPP	5/1/1997	0.0001	U
MW-15		MCPP	5/15/1998	0.0001	U
MW-15		MCPP	6/10/1999	0.0001	UJ
MW-15		MCPP	6/8/2000	0.001	U
MW-15		MCPP	5/22/2001	0.0911	
MW-15		MCPP	5/22/2001	0.2	U
MW-15	DUP	MCPP	7/25/2001	0.197	
MW-15		MCPP	5/10/2002	0.0000806	U
MW-15		MCPP	5/13/2003	0.2	U
MW-15		MCPP	5/5/2004	0.01	U
MW-15		MCPP	9/19/2006	0.0332	U
MW-15		MCPP	5/5/2009	0.456	
MW-15		MCPP	5/1/2010	0.44	U
MW-15		MCPP	5/25/2011	0.034	U
MW-16		2,4,6-Trichlorophenol	7/1/1991	0.01	U
MW-16		2,4,6-Trichlorophenol	7/9/1992	0.058	
MW-16		2,4,6-Trichlorophenol	5/3/1994	0.0062	U
MW-16		2,4,6-Trichlorophenol	5/3/1994	0.063	U
MW-16		2,4,6-Trichlorophenol	9/28/1994	0.006	U
MW-16		2,4,6-Trichlorophenol	9/28/1994	0.06	U
MW-16		2,4,6-Trichlorophenol	4/26/1995	0.005	U
MW-16		2,4,6-Trichlorophenol	4/26/1995	0.005	U
MW-16		2,4,6-Trichlorophenol	9/20/1995	0.006	U
MW-16		2,4,6-Trichlorophenol	9/20/1995	0.006	U
MW-16		2,4,6-Trichlorophenol	5/1/1996	0.006	U
MW-16		2,4,6-Trichlorophenol	6/7/2000	0.002	U
MW-16		2,4,6-Trichlorophenol	6/7/2000	0.003	U
MW-16		2,4,6-Trichlorophenol	5/22/2001	0.007	U
MW-16		2,4,6-Trichlorophenol	5/10/2002	0.000787	U
MW-16		2,4,6-Trichlorophenol	5/13/2003	0.005	U
MW-16		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-16		2,4,6-Trichlorophenol	9/20/2006	0.005	U
MW-16		2,4,6-Trichlorophenol	5/5/2009	0.00092	U
MW-16		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-16		2,4-D	7/9/1992	0.01	UJ
MW-16		2,4-D	5/3/1994	0.0014	U
MW-16		2,4-D	5/3/1994	0.0013	U
MW-16		2,4-D	9/28/1994	0.0001	U
MW-16		2,4-D	9/28/1994	0.0002	UJ
MW-16		2,4-D	4/26/1995	0.00006	U
MW-16		2,4-D	4/26/1995	0.00006	UJ
MW-16		2,4-D	9/20/1995	0.0038	
MW-16		2,4-D	9/20/1995	0.00007	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-16	DUP	2,4-D	5/1/1996	0.0003	
MW-16		2,4-D	6/7/2000	0.00114	
MW-16		2,4-D	6/7/2000	0.00004	U
MW-16	DUP	2,4-D	5/22/2001	0.00233	
MW-16		2,4-D	5/10/2002	0.0000769	U
MW-16		2,4-D	5/13/2003	0.000672	
MW-16		2,4-D	5/5/2004	0.00155	J
MW-16		2,4-D	9/20/2006	0.000229	U, J-
MW-16		2,4-D	5/5/2009	0.0057	
MW-16		2,4-D	5/1/2010	0.066	
MW-16		2,4-D	5/25/2011	0.00014	U
MW-16		2,4-Dichlorophenol	7/1/1991	0.01	U
MW-16		2,4-Dichlorophenol	7/9/1992	0.006	U
MW-16		2,4-Dichlorophenol	5/3/1994	0.0062	U
MW-16		2,4-Dichlorophenol	5/3/1994	0.063	U
MW-16		2,4-Dichlorophenol	9/28/1994	0.006	U
MW-16		2,4-Dichlorophenol	9/28/1994	0.06	U
MW-16		2,4-Dichlorophenol	4/26/1995	0.005	U
MW-16		2,4-Dichlorophenol	4/26/1995	0.005	U
MW-16		2,4-Dichlorophenol	9/20/1995	0.006	U
MW-16		2,4-Dichlorophenol	9/20/1995	0.006	U
MW-16		2,4-Dichlorophenol	5/1/1996	0.006	U
MW-16		2,4-Dichlorophenol	6/7/2000	0.002	U
MW-16		2,4-Dichlorophenol	6/7/2000	0.003	U
MW-16		2,4-Dichlorophenol	5/22/2001	0.007	U
MW-16		2,4-Dichlorophenol	5/10/2002	0.000836	
MW-16		2,4-Dichlorophenol	5/13/2003	0.005	U
MW-16		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-16		2,4-Dichlorophenol	9/20/2006	0.005	U
MW-16		2,4-Dichlorophenol	5/5/2009	0.00029	U
MW-16		2,4-Dichlorophenol	5/25/2011	0.00097	U
MW-16		2-Chlorophenol	7/1/1991	0.01	U
MW-16		2-Chlorophenol	7/9/1992	0.006	U
MW-16		2-Chlorophenol	5/3/1994	0.0062	U
MW-16		2-Chlorophenol	5/3/1994	0.063	U
MW-16		2-Chlorophenol	9/28/1994	0.006	U
MW-16		2-Chlorophenol	9/28/1994	0.06	U
MW-16		2-Chlorophenol	4/26/1995	0.005	U
MW-16		2-Chlorophenol	4/26/1995	0.005	U
MW-16		2-Chlorophenol	9/20/1995	0.006	U
MW-16		2-Chlorophenol	9/20/1995	0.006	U
MW-16		2-Chlorophenol	5/1/1996	0.006	U
MW-16		2-Chlorophenol	6/7/2000	0.002	U
MW-16		2-Chlorophenol	6/7/2000	0.003	U
MW-16		2-Chlorophenol	5/22/2001	0.007	U
MW-16		2-Chlorophenol	5/10/2002	0.000787	U
MW-16		2-Chlorophenol	5/13/2003	0.005	U
MW-16		2-Chlorophenol	5/5/2004	0.005	U
MW-16		2-Chlorophenol	9/20/2006	0.005	U
MW-16		2-Chlorophenol	5/5/2009	0.00057	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-16		2-Chlorophenol	5/25/2011	0.00019	U
MW-16		MCPA	7/9/1992	0.01	UJ
MW-16		MCPA	5/3/1994	0.0946	
MW-16		MCPA	5/3/1994	0.0013	U
MW-16		MCPA	9/28/1994	0.008	J
MW-16		MCPA	9/28/1994	0.0002	UJ
MW-16		MCPA	4/26/1995	0.00006	U
MW-16		MCPA	4/26/1995	0.01114	J
MW-16		MCPA	9/20/1995	0.00007	U
MW-16		MCPA	9/20/1995	0.00007	U
MW-16	DUP	MCPA	5/1/1996	0.00194	
MW-16		MCPA	6/7/2000	0.00625	
MW-16		MCPA	6/7/2000	0.00029	U
MW-16	DUP	MCPA	5/22/2001	0.00484	U
MW-16		MCPA	5/10/2002	0.0000769	U
MW-16		MCPA	5/13/2003	0.2	U
MW-16		MCPA	5/5/2004	0.01	U
MW-16		MCPA	9/20/2006	0.0871	U
MW-16		MCPA	5/5/2009	0.003	U
MW-16		MCPA	5/1/2010	0.45	U
MW-16		MCPA	5/25/2011	0.051	U
MW-16		MCPP	7/9/1992	0.01	UJ
MW-16		MCPP	5/3/1994	0.0014	U
MW-16		MCPP	5/3/1994	0.0013	U
MW-16		MCPP	9/28/1994	0.0001	U
MW-16		MCPP	9/28/1994	0.0002	UJ
MW-16		MCPP	4/26/1995	0.00006	U
MW-16		MCPP	4/26/1995	0.00006	UJ
MW-16		MCPP	9/20/1995	0.00007	U
MW-16		MCPP	9/20/1995	0.00007	U
MW-16		MCPP	5/1/1996	0.00007	U
MW-16		MCPP	6/7/2000	0.00028	U
MW-16		MCPP	6/7/2000	0.00029	U
MW-16	DUP	MCPP	5/22/2001	0.0113	
MW-16		MCPP	5/10/2002	0.0000769	U
MW-16		MCPP	5/13/2003	0.2	U
MW-16		MCPP	5/5/2004	0.01	U
MW-16		MCPP	9/20/2006	0.0332	U
MW-16		MCPP	5/5/2009	0.002	U
MW-16		MCPP	5/1/2010	0.3	U
MW-16		MCPP	5/25/2011	0.034	U
MW-17		2,4,6-Trichlorophenol	7/1/1991	0.01	U
MW-17		2,4,6-Trichlorophenol	7/9/1992	0.006	U
MW-17		2,4,6-Trichlorophenol	4/27/1993	0.007	U
MW-17		2,4,6-Trichlorophenol	9/21/1993	0.007	U
MW-17		2,4,6-Trichlorophenol	5/3/1994	0.06	U
MW-17		2,4,6-Trichlorophenol	9/27/1994	0.011	U
MW-17		2,4,6-Trichlorophenol	4/25/1995	0.006	U
MW-17		2,4,6-Trichlorophenol	9/20/1995	0.006	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-17		2,4,6-Trichlorophenol	5/1/1996	0.006	U
MW-17		2,4,6-Trichlorophenol	5/10/2002	0.000794	U
MW-17		2,4,6-Trichlorophenol	5/13/2003	0.005	U
MW-17		2,4,6-Trichlorophenol	9/20/2006	0.00495	U
MW-17		2,4,6-Trichlorophenol	5/5/2009	0.00091	U
MW-17		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-17		2,4-D	7/9/1992	0.63	
MW-17		2,4-D	4/27/1993	0.007	UJ
MW-17		2,4-D	9/21/1993	0.0008	U
MW-17		2,4-D	5/3/1994	0.0014	U
MW-17		2,4-D	9/27/1994	0.0001	U
MW-17		2,4-D	4/25/1995	0.00006	U
MW-17		2,4-D	9/20/1995	0.00007	UJ
MW-17		2,4-D	5/1/1996	0.00006	U
MW-17		2,4-D	5/10/2002	0.0000775	U
MW-17		2,4-D	5/13/2003	0.001	U
MW-17		2,4-D	9/20/2006	0.000229	J-06,
MW-17		2,4-D	5/5/2009	0.0011	
MW-17		2,4-D	5/1/2010	0.012	
MW-17		2,4-D	5/25/2011	0.00014	U
MW-17		2,4-Dichlorophenol	7/1/1991	0.01	U
MW-17		2,4-Dichlorophenol	7/9/1992	0.006	U
MW-17		2,4-Dichlorophenol	4/27/1993	0.007	U
MW-17		2,4-Dichlorophenol	9/21/1993	0.007	U
MW-17		2,4-Dichlorophenol	5/3/1994	0.06	U
MW-17		2,4-Dichlorophenol	9/27/1994	0.011	U
MW-17		2,4-Dichlorophenol	4/25/1995	0.006	U
MW-17		2,4-Dichlorophenol	9/20/1995	0.006	U
MW-17		2,4-Dichlorophenol	5/1/1996	0.006	U
MW-17		2,4-Dichlorophenol	5/10/2002	0.000794	U
MW-17		2,4-Dichlorophenol	5/13/2003	0.005	U
MW-17		2,4-Dichlorophenol	9/20/2006	0.00495	U
MW-17		2,4-Dichlorophenol	5/5/2009	0.00029	U
MW-17		2,4-Dichlorophenol	5/25/2011	0.00097	U
MW-17		2-Chlorophenol	7/1/1991	0.01	U
MW-17		2-Chlorophenol	7/9/1992	0.006	U
MW-17		2-Chlorophenol	4/27/1993	0.007	U
MW-17		2-Chlorophenol	9/21/1993	0.007	U
MW-17		2-Chlorophenol	5/3/1994	0.06	U
MW-17		2-Chlorophenol	9/27/1994	0.011	U
MW-17		2-Chlorophenol	4/25/1995	0.006	U
MW-17		2-Chlorophenol	9/20/1995	0.006	U
MW-17		2-Chlorophenol	5/1/1996	0.006	U
MW-17		2-Chlorophenol	5/10/2002	0.000794	U
MW-17		2-Chlorophenol	5/13/2003	0.005	U
MW-17		2-Chlorophenol	9/20/2006	0.00495	U
MW-17		2-Chlorophenol	5/5/2009	0.00056	U
MW-17		2-Chlorophenol	5/25/2011	0.00019	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-17		MCPA	7/9/1992	0.02	
MW-17		MCPA	4/27/1993	0.007	UJ
MW-17		MCPA	9/21/1993	0.0008	U
MW-17		MCPA	5/3/1994	0.0014	U
MW-17		MCPA	9/27/1994	0.0001	U
MW-17		MCPA	4/25/1995	0.00006	U
MW-17		MCPA	9/20/1995	0.00007	UJ
MW-17		MCPA	5/1/1996	0.00006	U
MW-17		MCPA	5/10/2002	0.0000775	U
MW-17		MCPA	5/13/2003	0.2	U
MW-17		MCPA	9/20/2006	0.0871	U
MW-17		MCPA	5/5/2009	0.003	U
MW-17		MCPA	5/1/2010	0.05	U
MW-17		MCPA	5/25/2011	0.051	U
MW-17		MCPP	7/9/1992	0.01	U
MW-17		MCPP	4/27/1993	0.007	UJ
MW-17		MCPP	9/21/1993	0.0008	U
MW-17		MCPP	5/3/1994	0.0014	U
MW-17		MCPP	9/27/1994	0.0001	U
MW-17		MCPP	4/25/1995	0.00006	U
MW-17		MCPP	9/20/1995	0.00007	UJ
MW-17		MCPP	5/1/1996	0.00006	U
MW-17		MCPP	5/10/2002	0.0000775	U
MW-17		MCPP	5/13/2003	0.2	U
MW-17		MCPP	9/20/2006	0.0332	U
MW-17		MCPP	5/5/2009	0.002	U
MW-17		MCPP	5/1/2010	0.12	U
MW-17		MCPP	5/25/2011	0.034	U
MW-50		2,4,6-Trichlorophenol	9/21/1993	0.08	U
MW-50		2,4,6-Trichlorophenol	5/3/1994	0.06	U
MW-50S		2,4,6-Trichlorophenol	5/3/1994	0.0058	U
MW-50		2,4,6-Trichlorophenol	9/28/1994	0.5	U
MW-50		2,4,6-Trichlorophenol	4/26/1995	0.006	UJ
MW-50		2,4,6-Trichlorophenol	9/20/1995	0.05	U
MW-50		2,4,6-Trichlorophenol	5/2/1996	0.24	U
MW-50		2,4,6-Trichlorophenol	10/2/1996	0.006	U
MW-50		2,4,6-Trichlorophenol	4/30/1997	0.51	U
MW-50		2,4,6-Trichlorophenol	6/10/1999	0.009	J
MW-50		2,4,6-Trichlorophenol	6/8/2000	0.08	U
MW-50		2,4,6-Trichlorophenol	5/23/2001	0.2	U
MW-50		2,4,6-Trichlorophenol	5/10/2002	0.000909	U
MW-50		2,4,6-Trichlorophenol	9/20/2006	0	U
MW-50		2,4,6-Trichlorophenol	5/5/2009	0	U
MW-50		2,4,6-Trichlorophenol	5/26/2011	0	U
MW-50		2,4-D	9/21/1993	0.01	U
MW-50		2,4-D	5/3/1994	0.0014	UJ
MW-50S		2,4-D	5/3/1994	0.4587	J
MW-50		2,4-D	9/28/1994	0.001	U
MW-50		2,4-D	4/26/1995	0.03	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-50		2,4-D	9/20/1995	0.00007	U
MW-50		2,4-D	5/2/1996	0.03	UJ
MW-50		2,4-D	10/2/1996	0.009	
MW-50		2,4-D	4/30/1997	0.05	J
MW-50		2,4-D	6/10/1999	0.006	J
MW-50		2,4-D	6/8/2000	0.006	
MW-50		2,4-D	5/23/2001	0.0051	
MW-50		2,4-D	5/10/2002	0.00008	U
MW-50		2,4-D	9/20/2006	0	R-05,
MW-50		2,4-D	5/5/2009	0	U
MW-50		2,4-D	5/1/2010	0	U
MW-50		2,4-D	5/26/2011	0	U
MW-50		2,4-Dichlorophenol	9/21/1993	0.08	U
MW-50		2,4-Dichlorophenol	5/3/1994	6.762	
MW-50S		2,4-Dichlorophenol	5/3/1994	0.083	
MW-50		2,4-Dichlorophenol	9/28/1994	6.5	
MW-50		2,4-Dichlorophenol	4/26/1995	1.7	J
MW-50		2,4-Dichlorophenol	9/20/1995	5.17	
MW-50		2,4-Dichlorophenol	5/2/1996	4.2	
MW-50		2,4-Dichlorophenol	10/2/1996	5.3	
MW-50		2,4-Dichlorophenol	4/30/1997	6.48	
MW-50		2,4-Dichlorophenol	6/10/1999	5	J
MW-50		2,4-Dichlorophenol	6/8/2000	3.06	
MW-50		2,4-Dichlorophenol	5/23/2001	3.5	
MW-50		2,4-Dichlorophenol	5/10/2002	2.09	D100
MW-50		2,4-Dichlorophenol	9/20/2006	0	
MW-50		2,4-Dichlorophenol	5/5/2009	0	
MW-50		2,4-Dichlorophenol	5/26/2011	0.0569	U
MW-50		2-Chlorophenol	9/21/1993	0.08	U
MW-50		2-Chlorophenol	5/3/1994	0.263	
MW-50S		2-Chlorophenol	5/3/1994	0.0058	U
MW-50		2-Chlorophenol	9/28/1994	0.5	U
MW-50		2-Chlorophenol	4/26/1995	0.016	J
MW-50		2-Chlorophenol	9/20/1995	0.05	U
MW-50		2-Chlorophenol	5/2/1996	0.24	U
MW-50		2-Chlorophenol	10/2/1996	0.006	U
MW-50		2-Chlorophenol	4/30/1997	0.51	U
MW-50		2-Chlorophenol	6/10/1999	0.008	UJ
MW-50		2-Chlorophenol	6/8/2000	0.08	U
MW-50		2-Chlorophenol	5/23/2001	0.2	U
MW-50		2-Chlorophenol	5/10/2002	0.000288	J
MW-50		2-Chlorophenol	9/20/2006	0	U
MW-50		2-Chlorophenol	5/5/2009	0	U
MW-50		2-Chlorophenol	5/26/2011	0	U
MW-50		MCPA	9/21/1993	0.7	
MW-50		MCPA	5/3/1994	0.4216	J
MW-50S		MCPA	5/3/1994	8	J
MW-50		MCPA	9/28/1994	2.1	
MW-50		MCPA	4/26/1995	3	

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-50		MCPA	9/20/1995	0.00007	U
MW-50		MCPA	5/2/1996	2.7	J
MW-50		MCPA	10/2/1996	4.5	
MW-50		MCPA	4/30/1997	5	J
MW-50		MCPA	6/10/1999	9.92	J
MW-50		MCPA	6/8/2000	4.4	
MW-50		MCPA	5/23/2001	9.3	
MW-50		MCPA	5/10/2002	5.11	D1000
MW-50		MCPA	9/20/2006	0	U
MW-50		MCPA	5/5/2009	0	
MW-50		MCPA	5/1/2010	0	
MW-50		MCPA	5/26/2011	0	U
MW-50		MCPP	9/21/1993	0.01	U
MW-50		MCPP	5/3/1994	0.0014	UJ
MW-50S		MCPP	5/3/1994	0.0013	UJ
MW-50		MCPP	9/28/1994	0.001	U
MW-50		MCPP	4/26/1995	0.03	U
MW-50		MCPP	9/20/1995	0.361	
MW-50		MCPP	5/2/1996	0.03	UJ
MW-50		MCPP	10/2/1996	0.001	U
MW-50		MCPP	4/30/1997	0.01	UJ
MW-50		MCPP	6/10/1999	0.0005	UJ
MW-50		MCPP	6/8/2000	0.008	U
MW-50		MCPP	5/23/2001	2.9	
MW-50		MCPP	5/10/2002	0.00008	U
MW-50		MCPP	9/20/2006	0	U
MW-50		MCPP	5/5/2009	0	
MW-50		MCPP	5/1/2010	0	U
MW-50		MCPP	5/26/2011	0	U
MW-52		2,4,6-Trichlorophenol	9/21/1993	0.008	U
MW-52		2,4,6-Trichlorophenol	12/15/1993	0.006	U
MW-52		2,4,6-Trichlorophenol	5/3/1994	0.063	U
MW-52		2,4,6-Trichlorophenol	9/27/1994	0.012	U
MW-52		2,4,6-Trichlorophenol	4/25/1995	0.006	U
MW-52		2,4,6-Trichlorophenol	9/20/1995	0.006	U
MW-52		2,4,6-Trichlorophenol	5/1/1996	0.006	U
MW-52		2,4,6-Trichlorophenol	5/10/2002	0.000806	U
MW-52		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-52		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-52		2,4-D	9/21/1993	0.0083	
MW-52		2,4-D	12/15/1993	0.0025	U
MW-52		2,4-D	5/3/1994	0.0013	U
MW-52		2,4-D	9/27/1994	0.0001	U
MW-52		2,4-D	4/25/1995	0.00006	U
MW-52		2,4-D	9/20/1995	0.00007	U
MW-52		2,4-D	5/1/1996	0.00006	U
MW-52		2,4-D	5/10/2002	0.0000826	U
MW-52		2,4-D	5/5/2004	0.00158	J
MW-52		2,4-D	5/1/2010	0.005	U
MW-52		2,4-D	5/25/2011	0.00014	U
MW-52		2,4-Dichlorophenol	9/21/1993	0.008	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-52		2,4-Dichlorophenol	12/15/1993	0.006	U
MW-52		2,4-Dichlorophenol	5/3/1994	0.063	U
MW-52		2,4-Dichlorophenol	9/27/1994	0.012	U
MW-52		2,4-Dichlorophenol	4/25/1995	0.006	U
MW-52		2,4-Dichlorophenol	9/20/1995	0.006	U
MW-52		2,4-Dichlorophenol	5/1/1996	0.006	U
MW-52		2,4-Dichlorophenol	5/10/2002	0.000806	U
MW-52		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-52		2,4-Dichlorophenol	5/25/2011	0.00097	U
MW-52		2-Chlorophenol	9/21/1993	0.008	U
MW-52		2-Chlorophenol	12/15/1993	0.006	U
MW-52		2-Chlorophenol	5/3/1994	0.063	U
MW-52		2-Chlorophenol	9/27/1994	0.012	U
MW-52		2-Chlorophenol	4/25/1995	0.006	U
MW-52		2-Chlorophenol	9/20/1995	0.006	U
MW-52		2-Chlorophenol	5/1/1996	0.006	U
MW-52		2-Chlorophenol	5/10/2002	0.000806	U
MW-52		2-Chlorophenol	5/5/2004	0.005	U
MW-52		2-Chlorophenol	5/25/2011	0.00019	U
MW-52		MCPA	9/21/1993	0.0008	U
MW-52		MCPA	12/15/1993	0.0025	U
MW-52		MCPA	5/3/1994	0.0013	U
MW-52		MCPA	9/27/1994	0.0001	U
MW-52		MCPA	4/25/1995	0.00006	U
MW-52		MCPA	9/20/1995	0.00007	U
MW-52		MCPA	5/1/1996	0.00006	U
MW-52		MCPA	5/10/2002	0.000702	
MW-52		MCPA	5/5/2004	0.01	U
MW-52		MCPA	5/1/2010	0.05	U
MW-52		MCPA	5/25/2011	0.051	U
MW-52		MCPP	9/21/1993	0.0008	U
MW-52		MCPP	12/15/1993	0.0025	U
MW-52		MCPP	5/3/1994	0.0013	U
MW-52		MCPP	9/27/1994	0.0001	U
MW-52		MCPP	4/25/1995	0.00006	U
MW-52		MCPP	9/20/1995	0.00007	U
MW-52		MCPP	5/1/1996	0.00006	U
MW-52		MCPP	5/10/2002	0.0000826	U
MW-52		MCPP	5/5/2004	0.01	U
MW-52		MCPP	5/1/2010	0.05	U
MW-52		MCPP	5/25/2011	0.034	U
MW-53		2,4,6-Trichlorophenol	9/21/1993	0.008	U
MW-53		2,4,6-Trichlorophenol	12/15/1993	0.006	U
MW-53		2,4,6-Trichlorophenol	5/3/1994	0.06	U
MW-53		2,4,6-Trichlorophenol	9/27/1994	0.013	U
MW-53		2,4,6-Trichlorophenol	4/25/1995	0.006	U
MW-53		2,4,6-Trichlorophenol	9/20/1995	0.006	U
MW-53		2,4,6-Trichlorophenol	5/10/2002	0.000806	U
MW-53		2,4,6-Trichlorophenol	5/25/2011	0.00028	U
MW-53		2,4-D	9/21/1993	0.0091	J
MW-53		2,4-D	12/15/1993	0.0025	U
MW-53		2,4-D	5/3/1994	0.0013	U
MW-53		2,4-D	9/27/1994	0.0003	U
MW-53		2,4-D	4/25/1995	0.00006	U
MW-53		2,4-D	9/20/1995	0.00006	UJ
MW-53		2,4-D	5/10/2002	0.0000885	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-53		2,4-D	5/1/2010	0.005	U
MW-53		2,4-D	5/25/2011	0.00014	U
MW-53		2,4-Dichlorophenol	9/21/1993	0.008	U
MW-53		2,4-Dichlorophenol	12/15/1993	0.006	U
MW-53		2,4-Dichlorophenol	5/3/1994	0.06	U
MW-53		2,4-Dichlorophenol	9/27/1994	0.013	U
MW-53		2,4-Dichlorophenol	4/25/1995	0.006	U
MW-53		2,4-Dichlorophenol	9/20/1995	0.006	U
MW-53		2,4-Dichlorophenol	5/10/2002	0.000806	U
MW-53		2,4-Dichlorophenol	5/25/2011	0.00097	U
MW-53		2-Chlorophenol	9/21/1993	0.008	U
MW-53		2-Chlorophenol	12/15/1993	0.006	U
MW-53		2-Chlorophenol	5/3/1994	0.06	U
MW-53		2-Chlorophenol	9/27/1994	0.013	U
MW-53		2-Chlorophenol	4/25/1995	0.006	U
MW-53		2-Chlorophenol	9/20/1995	0.006	U
MW-53		2-Chlorophenol	5/10/2002	0.000806	U
MW-53		2-Chlorophenol	5/25/2011	0.00019	U
MW-53		MCPA	9/21/1993	0.0021	J
MW-53		MCPA	12/15/1993	0.0025	U
MW-53		MCPA	5/3/1994	0.0013	U
MW-53		MCPA	9/27/1994	0.0003	U
MW-53		MCPA	4/25/1995	0.00006	U
MW-53		MCPA	9/20/1995	0.00006	UJ
MW-53		MCPA	5/10/2002	0.000257	
MW-53		MCPA	5/1/2010	0.05	U
MW-53		MCPA	5/25/2011	0.051	U
MW-53		MCPP	9/21/1993	0.0008	UJ
MW-53		MCPP	12/15/1993	0.0025	U
MW-53		MCPP	5/3/1994	0.0013	U
MW-53		MCPP	9/27/1994	0.0003	U
MW-53		MCPP	4/25/1995	0.00006	U
MW-53		MCPP	9/20/1995	0.00006	UJ
MW-53		MCPP	5/10/2002	0.0000885	U
MW-53		MCPP	5/1/2010	0.05	U
MW-53		MCPP	5/25/2011	0.034	U
MW-57		2,4,6-Trichlorophenol	4/26/1995	0.006	U
MW-57		2,4,6-Trichlorophenol	5/14/1998	0.006	U
MW-57		2,4,6-Trichlorophenol	6/9/1999	0.006	U
MW-57		2,4,6-Trichlorophenol	6/8/2000	0.004	U
MW-57		2,4,6-Trichlorophenol	5/23/2001	0.03	U
MW-57		2,4,6-Trichlorophenol	9/20/2006	0.0505	U, D
MW-57		2,4,6-Trichlorophenol	5/5/2009	0.0089	U
MW-57		2,4,6-Trichlorophenol	5/26/2011	0.00028	U
MW-57		2,4-D	4/26/1995	0.00006	U
MW-57		2,4-D	5/14/1998	0.0001	U
MW-57		2,4-D	6/9/1999	0.0027	J
MW-57		2,4-D	6/8/2000	0.0023	
MW-57		2,4-D	5/23/2001	0.0041	
MW-57		2,4-D	9/20/2006	0.000229	J-06,
MW-57		2,4-D	5/5/2009	0.000062	U
MW-57		2,4-D	5/1/2010	0.005	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-57		2,4-D	5/26/2011	0.00014	U
MW-57		2,4-Dichlorophenol	4/26/1995	0.48	
MW-57		2,4-Dichlorophenol	5/14/1998	2.5	
MW-57		2,4-Dichlorophenol	6/9/1999	3.4	
MW-57		2,4-Dichlorophenol	6/8/2000	1.4	J
MW-57		2,4-Dichlorophenol	5/23/2001	4	
MW-57		2,4-Dichlorophenol	9/20/2006	1.7	D
MW-57		2,4-Dichlorophenol	5/5/2009	0.674	
MW-57		2,4-Dichlorophenol	5/26/2011	0.36	
MW-57		2-Chlorophenol	4/26/1995	0.006	U
MW-57		2-Chlorophenol	5/14/1998	0.006	U
MW-57		2-Chlorophenol	6/9/1999	0.006	U
MW-57		2-Chlorophenol	6/8/2000	0.004	U
MW-57		2-Chlorophenol	5/23/2001	0.03	U
MW-57		2-Chlorophenol	9/20/2006	0.0505	U, D
MW-57		2-Chlorophenol	5/5/2009	0.0055	U
MW-57		2-Chlorophenol	5/26/2011	0.0042	J
MW-57		MCPA	4/26/1995	0.00006	U
MW-57		MCPA	5/14/1998	0.37	
MW-57		MCPA	6/9/1999	0.0001	UJ
MW-57	DUP	MCPA	6/8/2000	0.04211	
MW-57		MCPA	5/23/2001	1	
MW-57		MCPA	9/20/2006	1.65	
MW-57		MCPA	5/5/2009	1.27	
MW-57		MCPA	5/1/2010	0.76	
MW-57		MCPA	5/26/2011	0.051	U
MW-57		MCPP	4/26/1995	0.00006	U
MW-57	DUP	MCPP	5/14/1998	0.0009	
MW-57		MCPP	6/9/1999	0.0001	UJ
MW-57		MCPP	6/8/2000	0.00135	U
MW-57		MCPP	5/23/2001	0.00984	U
MW-57		MCPP	9/20/2006	0.0332	U
MW-57		MCPP	5/5/2009	0.667	
MW-57		MCPP	5/1/2010	0.091	U
MW-57		MCPP	5/26/2011	0.034	U
MW-60		2,4,6-Trichlorophenol	5/23/2001	0.007	U
MW-60		2,4,6-Trichlorophenol	7/25/2001	0.01	U
MW-60		2,4,6-Trichlorophenol	5/10/2002	0.000909	U
MW-60		2,4,6-Trichlorophenol	5/14/2003	0.005	U
MW-60		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-60		2,4,6-Trichlorophenol	9/19/2006	5.1	U
MW-60		2,4,6-Trichlorophenol	5/5/2009	0.95	U
MW-60		2,4,6-Trichlorophenol	5/26/2011	0.28	U
MW-60		2,4-D	5/23/2001	0.00019	J
MW-60		2,4-D	7/25/2001	0.00017	
MW-60		2,4-D	5/10/2002	0.000084	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-60		2,4-D	5/14/2003	0.005	U
MW-60		2,4-D	5/5/2004	0.00146	J
MW-60		2,4-D	9/19/2006	0.229	J-06,
MW-60		2,4-D	5/5/2009	0.062	U
MW-60		2,4-D	5/1/2010	5	U
MW-60		2,4-D	5/26/2011	0.14	U
MW-60		2,4-Dichlorophenol	5/23/2001	0.007	U
MW-60		2,4-Dichlorophenol	7/25/2001	0.01	U
MW-60		2,4-Dichlorophenol	5/10/2002	0.000909	U
MW-60		2,4-Dichlorophenol	5/14/2003	0.005	U
MW-60		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-60		2,4-Dichlorophenol	9/19/2006	5.1	U
MW-60		2,4-Dichlorophenol	5/5/2009	0.3	U
MW-60		2,4-Dichlorophenol	5/26/2011	0.97	U
MW-60		2-Chlorophenol	5/23/2001	0.007	U
MW-60		2-Chlorophenol	7/25/2001	0.01	U
MW-60		2-Chlorophenol	5/10/2002	0.000909	U
MW-60		2-Chlorophenol	5/14/2003	0.005	U
MW-60		2-Chlorophenol	5/5/2004	0.005	U
MW-60		2-Chlorophenol	9/19/2006	5.1	U
MW-60		2-Chlorophenol	5/5/2009	0.58	U
MW-60		2-Chlorophenol	5/26/2011	0.19	U
MW-60		MCPA	5/23/2001	0.00561	UJ
MW-60		MCPA	7/25/2001	0.094	
MW-60		MCPA	7/25/2001	0.094	
MW-60		MCPA	5/10/2002	0.000084	U
MW-60		MCPA	5/14/2003	1	U
MW-60		MCPA	5/5/2004	0.01	U
MW-60		MCPA	9/19/2006	87.1	U
MW-60		MCPA	5/5/2009	3	U
MW-60		MCPA	5/1/2010	50	U
MW-60		MCPA	5/26/2011	51	U
MW-60		MCPP	5/23/2001	0.00561	UJ
MW-60		MCPP	7/25/2001	0.023	
MW-60		MCPP	7/25/2001	0.023	
MW-60		MCPP	5/10/2002	0.000084	U
MW-60		MCPP	5/14/2003	1	U
MW-60		MCPP	5/5/2004	0.01	U
MW-60		MCPP	9/19/2006	33.2	U
MW-60		MCPP	5/5/2009	2	U
MW-60		MCPP	5/1/2010	50	U
MW-60		MCPP	5/26/2011	34	U
MW-61		2,4,6-Trichlorophenol	5/23/2001	0.01	U
MW-61		2,4,6-Trichlorophenol	7/25/2001	0.006	U
MW-61		2,4,6-Trichlorophenol	5/10/2002	0.00087	U
MW-61		2,4,6-Trichlorophenol	5/14/2003	0.01	U
MW-61		2,4,6-Trichlorophenol	5/5/2004	0.01	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-61		2,4,6-Trichlorophenol	9/19/2006	5.1	U
MW-61		2,4,6-Trichlorophenol	5/5/2009	1	U
MW-61		2,4,6-Trichlorophenol	5/26/2011	0.28	U
MW-61		2,4-D	5/23/2001	0.00098	U
MW-61		2,4-D	7/25/2001	0.00004	U
MW-61		2,4-D	5/10/2002	0.0000935	U
MW-61		2,4-D	5/14/2003	0.005	U
MW-61		2,4-D	5/5/2004	0.00149	J
MW-61		2,4-D	9/19/2006	0.229	J-06,
MW-61		2,4-D	5/5/2009	0.062	U
MW-61		2,4-D	5/26/2011	0.14	U
MW-61		2,4-Dichlorophenol	5/23/2001	0.01	U
MW-61		2,4-Dichlorophenol	7/25/2001	0.006	U
MW-61		2,4-Dichlorophenol	5/10/2002	0.00087	U
MW-61		2,4-Dichlorophenol	5/14/2003	0.01	U
MW-61		2,4-Dichlorophenol	5/5/2004	0.01	U
MW-61		2,4-Dichlorophenol	9/19/2006	5.1	U
MW-61		2,4-Dichlorophenol	5/5/2009	0.32	U
MW-61		2,4-Dichlorophenol	5/26/2011	1.2	J
MW-61		2-Chlorophenol	5/23/2001	0.01	U
MW-61		2-Chlorophenol	7/25/2001	0.006	U
MW-61		2-Chlorophenol	5/10/2002	0.00087	U
MW-61		2-Chlorophenol	5/14/2003	0.01	U
MW-61		2-Chlorophenol	5/5/2004	0.01	U
MW-61		2-Chlorophenol	9/19/2006	5.1	U
MW-61		2-Chlorophenol	5/5/2009	0.62	U
MW-61		2-Chlorophenol	5/26/2011	0.19	U
MW-61		MCPA	5/23/2001	0.0058	U
MW-61		MCPA	7/25/2001	0.0041	U
MW-61		MCPA	5/10/2002	0.0000935	U
MW-61		MCPA	5/14/2003	1	U
MW-61		MCPA	5/5/2004	0.01	U
MW-61		MCPA	9/19/2006	87.1	U
MW-61		MCPA	5/5/2009	179	
MW-61		MCPA	5/26/2011	51	U
MW-61		MCPP	5/23/2001	0.0173	
MW-61		MCPP	7/25/2001	0.0041	U
MW-61		MCPP	5/10/2002	0.0000935	U
MW-61		MCPP	5/14/2003	1	U
MW-61		MCPP	5/5/2004	0.01	U
MW-61		MCPP	9/19/2006	33.2	U
MW-61		MCPP	5/5/2009	2	U
MW-61		MCPP	5/26/2011	34	U
MW-62		2,4,6-Trichlorophenol	5/23/2001	0.008	U
MW-62		2,4,6-Trichlorophenol	7/25/2001	0.009	U
MW-62		2,4,6-Trichlorophenol	5/10/2002	0.00082	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-62		2,4,6-Trichlorophenol	5/14/2003	0.01	U
MW-62		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-62		2,4,6-Trichlorophenol	9/19/2006	5.1	U
MW-62		2,4,6-Trichlorophenol	5/5/2009	0.98	U
MW-62		2,4,6-Trichlorophenol	5/26/2011	0.28	U
MW-62		2,4-D	5/23/2001	0.00129	
MW-62		2,4-D	7/25/2001	0.00004	U
MW-62		2,4-D	5/10/2002	0.0000806	U
MW-62		2,4-D	5/14/2003	0.005	U
MW-62		2,4-D	5/5/2004	0.003	U
MW-62		2,4-D	9/19/2006	0.229	J-06,
MW-62		2,4-D	5/5/2009	0.062	U
MW-62		2,4-D	5/1/2010	5	U
MW-62		2,4-D	5/26/2011	0.14	U
MW-62		2,4-Dichlorophenol	5/23/2001	0.008	U
MW-62		2,4-Dichlorophenol	7/25/2001	0.009	U
MW-62		2,4-Dichlorophenol	5/10/2002	0.00082	U
MW-62		2,4-Dichlorophenol	5/14/2003	0.01	U
MW-62		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-62		2,4-Dichlorophenol	9/19/2006	5.1	U
MW-62		2,4-Dichlorophenol	5/5/2009	0.31	U
MW-62		2,4-Dichlorophenol	5/26/2011	1.2	J
MW-62		2-Chlorophenol	5/23/2001	0.008	U
MW-62		2-Chlorophenol	7/25/2001	0.009	U
MW-62		2-Chlorophenol	5/10/2002	0.00082	U
MW-62		2-Chlorophenol	5/14/2003	0.01	U
MW-62		2-Chlorophenol	5/5/2004	0.005	U
MW-62		2-Chlorophenol	9/19/2006	5.1	U
MW-62		2-Chlorophenol	5/5/2009	0.6	U
MW-62		2-Chlorophenol	5/26/2011	0.19	U
MW-62		MCPA	5/23/2001	0.00545	U
MW-62		MCPA	7/25/2001	0.141	
MW-62		MCPA	7/25/2001	0.141	
MW-62		MCPA	5/10/2002	0.0000806	U
MW-62		MCPA	5/14/2003	1	U
MW-62		MCPA	5/5/2004	0.01	U
MW-62		MCPA	9/19/2006	87.1	U
MW-62		MCPA	5/5/2009	3	U
MW-62		MCPA	5/1/2010	50	U
MW-62		MCPA	5/26/2011	51	U
MW-62		MCPP	5/23/2001	0.0262	
MW-62		MCPP	7/25/2001	0.053	
MW-62		MCPP	7/25/2001	0.053	
MW-62		MCPP	5/10/2002	0.0000806	U
MW-62		MCPP	5/14/2003	1	U
MW-62		MCPP	5/5/2004	0.01	U
MW-62		MCPP	9/19/2006	33.2	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-62		MCPP	5/5/2009	2	U
MW-62		MCPP	5/1/2010	54	U
MW-62		MCPP	5/26/2011	34	U
MW-63		2,4,6-Trichlorophenol	5/23/2001	0.007	U
MW-63		2,4,6-Trichlorophenol	7/25/2001	0.007	U
MW-63		2,4,6-Trichlorophenol	5/10/2002	0.000833	U
MW-63		2,4,6-Trichlorophenol	5/14/2003	0.005	U
MW-63		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-63		2,4,6-Trichlorophenol	9/19/2006	5.1	U
MW-63		2,4,6-Trichlorophenol	5/5/2009	0.99	U
MW-63		2,4,6-Trichlorophenol	5/26/2011	0.28	U
MW-63	DUP	2,4,6-Trichlorophenol	5/26/2011	0.28	U
MW-63		2,4-D	5/23/2001	0.0005	
MW-63		2,4-D	7/25/2001	0.00004	U
MW-63		2,4-D	5/10/2002	0.0000826	U
MW-63		2,4-D	5/14/2003	0.005	U
MW-63		2,4-D	5/5/2004	0.00154	J
MW-63		2,4-D	9/19/2006	0.229	J-06,
MW-63		2,4-D	5/5/2009	0.062	U
MW-63		2,4-D	5/1/2010	5	U
MW-63		2,4-D	5/26/2011	0.14	U
MW-63	DUP	2,4-D	5/26/2011	0.14	U
MW-63		2,4-Dichlorophenol	5/23/2001	0.007	U
MW-63		2,4-Dichlorophenol	7/25/2001	0.007	U
MW-63		2,4-Dichlorophenol	5/10/2002	0.000833	U
MW-63		2,4-Dichlorophenol	5/14/2003	0.005	U
MW-63		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-63		2,4-Dichlorophenol	9/19/2006	5.1	U
MW-63		2,4-Dichlorophenol	5/5/2009	0.32	U
MW-63		2,4-Dichlorophenol	5/26/2011	1.7	J
MW-63	DUP	2,4-Dichlorophenol	5/26/2011	0.97	U
MW-63		2-Chlorophenol	5/23/2001	0.007	U
MW-63		2-Chlorophenol	7/25/2001	0.007	U
MW-63		2-Chlorophenol	5/10/2002	0.000833	U
MW-63		2-Chlorophenol	5/14/2003	0.005	U
MW-63		2-Chlorophenol	5/5/2004	0.005	U
MW-63		2-Chlorophenol	9/19/2006	5.1	U
MW-63		2-Chlorophenol	5/5/2009	0.61	U
MW-63		2-Chlorophenol	5/26/2011	0.19	U
MW-63	DUP	2-Chlorophenol	5/26/2011	0.19	U
MW-63		MCPA	5/23/2001	0.00414	U
MW-63		MCPA	7/25/2001	0.079	
MW-63		MCPA	7/25/2001	0.079	
MW-63		MCPA	5/10/2002	0.0000826	U
MW-63		MCPA	5/14/2003	1	U
MW-63		MCPA	5/5/2004	0.01	U
MW-63		MCPA	9/19/2006	87.1	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-63		MCPA	5/5/2009	416	
MW-63		MCPA	5/1/2010	50	U
MW-63		MCPA	5/26/2011	51	U
MW-63	DUP	MCPA	5/26/2011	51	U
MW-63		MCPP	5/23/2001	0.0146	
MW-63		MCPP	7/25/2001	0.007	
MW-63		MCPP	7/25/2001	0.007	
MW-63		MCPP	5/10/2002	0.0000826	U
MW-63		MCPP	5/14/2003	1	U
MW-63		MCPP	5/5/2004	0.01	U
MW-63		MCPP	9/19/2006	33.2	U
MW-63		MCPP	5/5/2009	2	U
MW-63		MCPP	5/1/2010	50	U
MW-63		MCPP	5/26/2011	34	U
MW-63	DUP	MCPP	5/26/2011	34	U
MW-64		2,4,6-Trichlorophenol	5/23/2001	0.007	U
MW-64		2,4,6-Trichlorophenol	7/25/2001	0.006	U
MW-64		2,4,6-Trichlorophenol	5/10/2002	0.000826	U
MW-64	DUP	2,4,6-Trichlorophenol	5/10/2002	0.000741	U
MW-64		2,4,6-Trichlorophenol	5/14/2003	0.005	U
MW-64		2,4,6-Trichlorophenol	5/5/2004	0.005	U
MW-64		2,4,6-Trichlorophenol	9/19/2006	5.1	U
MW-64		2,4,6-Trichlorophenol	5/5/2009	0.98	U
MW-64		2,4,6-Trichlorophenol	5/25/2011	0.28	U
MW-64		2,4-D	5/23/2001	0.00062	
MW-64		2,4-D	7/25/2001	0.00025	
MW-64		2,4-D	5/10/2002	0.0000758	U
MW-64	DUP	2,4-D	5/10/2002	0.0000781	U
MW-64		2,4-D	5/14/2003	0.005	U
MW-64		2,4-D	5/5/2004	0.003	U
MW-64		2,4-D	9/19/2006	0.229	U, J-
MW-64		2,4-D	5/5/2009	0.062	U
MW-64		2,4-D	5/1/2010	5	U
MW-64		2,4-D	5/25/2011	0.14	U
MW-64		2,4-Dichlorophenol	5/23/2001	0.007	U
MW-64		2,4-Dichlorophenol	7/25/2001	0.006	U
MW-64		2,4-Dichlorophenol	5/10/2002	0.000253	J
MW-64	DUP	2,4-Dichlorophenol	5/10/2002	0.000136	J
MW-64		2,4-Dichlorophenol	5/14/2003	0.005	U
MW-64		2,4-Dichlorophenol	5/5/2004	0.005	U
MW-64		2,4-Dichlorophenol	9/19/2006	5.1	U
MW-64		2,4-Dichlorophenol	5/5/2009	0.31	U
MW-64		2,4-Dichlorophenol	5/25/2011	0.97	U
MW-64		2-Chlorophenol	5/23/2001	0.007	U
MW-64		2-Chlorophenol	7/25/2001	0.006	U
MW-64		2-Chlorophenol	5/10/2002	0.000826	U
MW-64	DUP	2-Chlorophenol	5/10/2002	0.000741	U

Contaminant trends over time (mg/L)

SMPL-ID	SAMPLE TYPE	ANALYTE	SAMPLING DATE	RESULT	QUALIFIER
MW-64		2-Chlorophenol	5/14/2003	0.005	U
MW-64		2-Chlorophenol	5/5/2004	0.005	U
MW-64		2-Chlorophenol	9/19/2006	5.1	U
MW-64		2-Chlorophenol	5/5/2009	0.6	U
MW-64		2-Chlorophenol	5/25/2011	0.19	U
MW-64		MCPA	5/23/2001	0.00448	U
MW-64		MCPA	7/25/2001	0.099	
MW-64		MCPA	7/25/2001	0.099	
MW-64		MCPA	5/10/2002	0.0000758	U
MW-64	DUP	MCPA	5/10/2002	0.0000781	U
MW-64		MCPA	5/14/2003	1	U
MW-64		MCPA	5/5/2004	0.01	U
MW-64		MCPA	9/19/2006	87.1	U
MW-64		MCPA	5/5/2009	294	
MW-64		MCPA	5/1/2010	26	JQ
MW-64		MCPA	5/25/2011	51	U
MW-64		MCPP	5/23/2001	0.0272	
MW-64		MCPP	7/25/2001	0.013	
MW-64		MCPP	7/25/2001	0.013	
MW-64		MCPP	5/10/2002	0.0000758	U
MW-64	DUP	MCPP	5/10/2002	0.0000781	U
MW-64		MCPP	5/14/2003	1	U
MW-64		MCPP	5/5/2004	0.01	U
MW-64		MCPP	9/19/2006	33.2	U
MW-64		MCPP	5/5/2009	2	U
MW-64		MCPP	5/1/2010	150	U
MW-64		MCPP	5/25/2011	34	U