

Table 5.1
December 2003 Quarterly Groundwater Detected Concentrations

Method	Analyte	Sample ID				CS-1				CS-10				CS-11				CS-2				CS-4				CS-D				CS-MWG-LGR				CS-MWG-LGR			
		Sample Date		Sample Type		Lab Sample ID		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/16/2003		12/9/2003		12/9/2003									
		N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD						
Lab MDL	Lab RI	MCL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL			
SW6010B	Barium	1.8	5.0	2000	35.0	0.37	1	36.0	0.37	1	39.0	0.37	1	39.0	0.37	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
	Copper	0.76	10.0	1300	6.2 F	0.97	1	2.0 F	0.97	1	2.3 F	0.97	1	1.7 F	0.97	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
	Zinc	6.8	10.0	11000	360.0	3.6	1	340.0	3.6	1	130.0	3.6	1	24.0 F	3.6	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
SW6020	Arsenic	0.061	5.0	50	0.66 F	0.12	1	0.66 F	0.12	1	0.49 F	0.12	1	0.66 F	0.12	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
	Lead	0.15	2.0	15	6.2	0.19	1	0.91 F	0.19	1	0.59 F	0.19	1	0.59 F	0.19	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
SW7470A	Mercury	0.054	1.0		0.054 U	0.054	1	0.054 U	0.054	1	0.07 F	0.054	1	0.054 U	0.054	1		NS		NS		NS		NS		NS		NS		NS		NS		NS			
SW8260B	Chloroform	0.05	0.4	100	0.62 F	0.05	1	0.85 F	0.05	1	0.05 U	0.05	1	0.11 F	0.05	1	0.11 F	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.23 F	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1			
	Dichlorodifluoromethane	0.06	1.0		0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1			
	Dichloroethene, 1,1-	0.03	1.2	7	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.092 F	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1			
	Dichloroethene, cis-1,2-	0.09	1.2	70	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	270.0	1.8	20	0.09 U	0.09	1	0.09 U	0.09	1			
	Dichloroethene, trans-1,2-	0.04	0.6	100	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	2.1	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1			
	Isopropylbenzene	0.03	0.5		0.03 M	0.03	1	0.03 M	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1												
	Isopropyltoluene, 4-(Cymene, p-)	0.05	1.2		0.05 M	0.05	1	0.05 M	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1												
	Methylene chloride	0.2	2.0	5	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.2 U	0.2	1	0.24 F	0.2	1	0.2 U	0.2	1			
	Naphthalene	0.09	0.4	--	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 U	0.09	1	0.09 R	0.09	1	0.09 R	0.09	1	0.09 R	0.09	1
	Tetrachloroethene	0.05	1.4	5	0.1 F	0.05	1	0.89 F	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.05 U	0.05	1	0.7 F	0.05	1	230.0	1.0	20	0.05 U	0.05	1	0.05 U	0.05	1
	Toluene	0.06	1.1	1000	0.091 F	0.06	1	0.88 F	0.06	1	0.1 F	0.06	1	0.89 F	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1	0.07 F	0.06	1	0.07 F	0.06	1	0.06 U	0.06	1	0.06 U	0.06	1
	Trichloroethene	0.2	1.0	5	0.56 F	0.2	1	0.5 F	0.2	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.71 F	0.03	1	0.43 F	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1
	Trichloropropane, 1,2,3-	0.2	3.2		0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1	0.2 R	0.2	1
	Trimethylbenzene, 1,3,5-	0.04	0.5		0.04 M	0.04	1	0.04 M	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	0.04 U	0.04	1	290.0	0.6	20	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1
	Vinyl chloride	0.03	1.1	2	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1	0.03 U	0.03	1

Abbreviations/Notes:
 -- = No risk reduction standard or background level available.
 FD = Field Duplicate
 MDL = Method Detection Limit
 N = Environmental Sample
 RI = Reporting Limit
 SQL = Sample Quantitation Limit
 MCL = Maximum Contamination Level
 DL = Dilution

Data Qualifiers:
 F- The analyte was positively identified but the associated numerical value is below the RL.
 J- The analyte was positively identified, the quantitation is an estimation.
 U- The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
 M- Matrix Effect Present
 B- The analyte was found in an associated blank, as well as in the sample.
 Bolded results indicate the analyte was detected.
 Bolded and boxed results indicate results > RL.
 Bolded and shaded results indicate results > MCL.

Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix B. All samples were analyzed by Severn Trent Laboratories (STL).

Table 5.1
December 2003 Quarterly Groundwater Detected Concentrations

		Sample ID Sample Date Sample Type Lab Sample ID				CS-MW6-LGR 12/11/2003 N D3L120400				CS-MW6-BS 12/11/2003 N D3L120400				CS-MW7-LGR 12/15/2003 N D3L180113				CS-MW7-CC 12/15/2003 N D3L180113				CS-MW8-LGR 12/12/2003 N D3L130180				CS-MW8-CC 1/21/2004 N D4A220211				CS-MW9-LGR 12/9/2003 N D3L100321				CS-MW9-BS 12/9/2003 N D3L100321				CS-MW10-LGR 1/21/2004 N D4A220211				CS-MW10-CC 12/12/2003 N D3L130180			
Method	Analyte	Lab MDL	Lab RL	MCL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL	Result	Flag	SQL	DL					
SW8208	Chloroform	0.05	0.4	100	0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1						
	Dichlorodifluoromethane	0.06	1.0		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		
	Dichloroethene, 1,1-	0.03	1.2	7	0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		
	Dichloroethene, cis-1,2-	0.09	1.2	70	0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		
	Dichloroethene, trans-1,2-	0.04	0.6	100	0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		0.04 U	0.04	1		
	Isopropylbenzene	0.03	0.5																																										
	Isopropyltoluene, 4-(Cymene, p-)	0.05	1.2																																										
	Methylene chloride	0.2	2.0	5	0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		0.2 U	0.2	1		
	Naphthalene	0.09	0.4	--	0.09 R	0.09	1		0.09 R	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		0.09 U	0.09	1		
	Tetrachloroethene	0.05	1.4	5	0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		0.05 U	0.05	1		
	Toluene	0.06	1.1	1000	0.06 F	0.06	1		0.09 F	0.06	1		0.11 F	0.06	1		0.084 F	0.06	1		0.11 F	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		0.08 F	0.06	1		0.06 U	0.06	1		0.06 U	0.06	1		
	Trichloroethene	0.03	1.0	5	0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		
	Trichloropropane, 1,2,3-	0.2	3.2																																										
	Trimethylbenzene, 1,3,5-	0.04	0.5																																										
	Vinyl chloride	0.03	1.1	2	0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		0.03 U	0.03	1		

<p>Abbreviations/Notes: -- = No risk reduction standard or background level available. FD = Field Duplicate MDL = Method Detection Limit N = Environmental Sample RL = Reporting Limit SQL = Sample Quantitation Limit MCL = Maximum Contamination Level DL = Dilution</p>	<p>Data Qualifiers: F- The analyte was positively identified but the associated numerical value is below the RL. J- The analyte was positively identified, the quantitation is an estimation. U- The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL. M- Matrix Effect Present B- The analyte was found in an associated blank, as well as in the sample. Bolded results indicate the analyte was detected. Bolded and boxed results indicate results > RL. Bolded and shaded results indicate results > MCL.</p>	<p>Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix B. All samples were analyzed by Severn Trent Laboratories (STL).</p>
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