Table 4-1 December 2002 Quarterly Groundwater Detected Concentrations

				Sample ID	CS-1				CS-2				CS-9				CS-10				CS-D				CS-D			
				Sample Date	12/10/02				12/16/02				12/10/02				12/10/02				12/12/02				12/12/02			
				Sample Type	N				N				N				N				N				FD			
				Laboratory Sample ID	D2L110290				D2L170307				D2L110290				D2L110290				D2L130339				D2L130339			
			Water Comparison Criteria																									
Method (units)																												
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**
SW6010B (ug/L)																											
Barium	1.8	5	2000	**37**		1.8	1					**39**		1.8	1	**39**		1.8	1								
Calcium	31	1100	--																								
Chromium	0.74	10	100	0.74	U	0.74	1					0.74	U	0.74	1	0.74	U	0.74	1								
Copper	0.76	10	1300	**22**		0.76	1					0.76	U	0.76	1	0.76	U	0.76	1								
Iron	13	200	--																								
Magnesium	24	100	--																								
Manganese	0.49	3	--																								
Nickel	1.7	10	100	**2.2**	F	1.7	1					**2.9**	F	1.7	1	**2.6**	F	1.7	1								
Potassium	490	1000	--																								
Sodium	26	1000	--																								
Zinc	6.8	10	11000	**290**	J	3.3	1					**170**	J	3.3	1	**26**	J	3.3	1								
SW6020 (ug/L)																											
Arsenic	0.061	5	50	**0.59**	F	0.061	1					**0.34**	F	0.061	1	**0.53**	F	0.061	1								
Cadmium	0.022	1	3	**0.036**	F	0.022	1					0.022	U	0.022	1	**0.026**	F	0.022	1								
Lead	0.15	2	15	**5.3**		0.15	1					**1.3**	F	0.15	1	**0.64**	F	0.15	1								
SW8260B (ug/L)																											
Benzene	0.04	0.4	5	0.04	U	0.04	1					0.04	U	0.04	1	0.04	U	0.04	1								
Chloroform	0.05	0.4	100	0.05	U	0.05	1	**0.11**	F	0.05	1	0.05	U	0.05	1	**0.56**		0.05	1	**0.2**	F	0.05	1	**0.18**	F	0.05	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	**0.091**	F	0.03	1	**0.066**	F	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	**230**		0.9	10	**230**		0.9	10
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	**1.0**		0.04	1	**1.4**		0.04	1
Methylene chloride	0.2	2	5	0.2	U	0.2	1	**0.34**	F	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
Tetrachloroethene	0.05	1.4	5	**0.1**	F	0.05	1	0.05	U	0.05	1	0.05	U	0.05	1	**0.098**	F	0.05	1	**180**		0.5	10	**180**		0.5	10
Toluene	0.06	1.1	1000	0.06	U	0.06	1					0.06	U	0.06	1	0.06	U	0.06	1								
Trichloroethene	0.03	1	5	**0.26**	F	0.03	1	0.03	U	0.03	1	0.03	U	0.03	1	0.03	U	0.03	1	**250**		0.3	10	**260**		0.3	10
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
SW9056 (mg/L)																											
Bromide	0.031	0.5	--																								
Chloride	0.12	1	--																								
Fluoride	0.035	1	4																								
Nitrate	0.031	1	10																								
Phosphorus, Total Orthophosphate	0.041	1	--																								
Sulfate	1	5	--																								

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).

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

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

Bolded results indicate the analyte was detected. Bolded and boxed results indicate results above the RL. Bolded and shaded results indicate results greater than MCL standards

Table 4-1 December 2002 Quarterly Groundwater Detected Concentrations

			Sample ID	CS-MW1-LGR				CS-MW2-LGR				CS-MW4-LGR				CS-MW5-LGR				CS-MW8-LGR				CS-MW9-BS				CS-MW10-LGR				CS-MW10-LGR			
			Sample Date	12/16/02				12/13/02				12/13/02				12/13/02				12/12/02				12/12/02				12/13/02				12/13/02			
			Sample Type	N				N				N				N				N				N				N				FD			
			Laboratory Sample ID	D2L170307				D2L140165				D2L140165				D2L140165				D2L130339				D2L130339				D2L140165				D2L140165			
	Water Comparison Criteria																																		
Method (units)																																			
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**
SW6010B (ug/L)																																			
Barium	1.8	5	2000																																
Calcium	31	1100	--																																
Chromium	0.74	10	100																																
Copper	0.76	10	1300																																
Iron	13	200	--																																
Magnesium	24	100	--																																
Manganese	0.49	3	--																																
Nickel	1.7	10	100																																
Potassium	490	1000	--																																
Sodium	26	1000	--																																
Zinc	6.8	10	11000																																
SW6020 (ug/L)																																			
Arsenic	0.061	5	50																																
Cadmium	0.022	1	3																																
Lead	0.15	2	15																																
SW8260B (ug/L)																																			
Benzene	0.04	0.4	5																																
Chloroform	0.05	0.4	100	**0.078**	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	**0.11**	F	0.05	1	**0.12**	F	0.05	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
Dichloroethene, cis-1,2-	0.09	1.2	70	**28.0**		0.09	1	**1.3**		0.09	1	**0.15**	F	0.09	1	**1.0**	F	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	**0.26**	F	0.04	1	**0.057**	F	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
Methylene chloride	0.2	2	5	**0.3**	F	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
Tetrachloroethene	0.05	1.4	5	**17.0**		0.05	1	**2.1**		0.05	1	**0.094**	F	0.05	1	**0.63**	F	0.05	1	**0.63**	F	0.05	1	0.05	U	0.05	1	**2.3**		0.05	1	**2.3**		0.05	1
Toluene	0.06	1.1	1000																																
Trichloroethene	0.03	1	5	**31**		0.03	1	**1.8**		0.03	1	**0.074**	F	0.03	1	**0.98**	F	0.03	1	0.03	U	0.03	1	0.03	U	0.03	1	**0.51**	F	0.03	1	**0.53**	F	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	**0.055**	F	0.03	1	0.03	U	0.03	1	0.03	U	0.03	1
SW9056 (mg/L)																																			
Bromide	0.031	0.5	--																																
Chloride	0.12	1	--																																
Fluoride	0.035	1	4																																
Nitrate	0.031	1	10																																
Phosphorus, Total Orthophosphate	0.041	1	--																																
Sulfate	1	5	--																																

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

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

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

Bolded results indicate the analyte was detected. Bolded and boxed results indicate results above the RL. Bolded and shaded results indicate results greater than MCL standards

Table 4-1 December 2002 Quarterly Groundwater Detected Concentrations

			Sample ID	CS-MW12-LGR				CS-MW12-BS				CS-MW12-CC				CS-MW12-CC				CS-MW16-LGR				CS-MW17-LGR				CS-MW19-LGR			
			Sample Date	12/16/02				12/16/02				12/16/02				12/16/02				12/12/02				12/11/02				12/16/02			
			Sample Type	N				N				N				FD				N				N				N			
			Laboratory Sample ID	D2L170303				D2L170303				D2L170303				D2L170303				D2L130339				D2L130339				D2L170307			
	Water Comparison Criteria																														
Method (units)																															
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**
SW6010B (ug/L)																															
Barium	1.8	5	2000	**32**		1.8	1	**6.9**		1.8	1	**95**		1.8	1	**97**		1.8	1												
Calcium	31	1100	--	**58000**		31	1	**3800**		31	1	**5600**		31	1	**5600**		31	1												
Chromium	0.74	10	100	**1.3**	F	0.74	1	0.74	U	0.74	1	**1.0**	F	0.74	1	**1.1**	F	0.74	1												
Copper	0.76	10	1300	0.76	U	0.76	1	0.76	U	0.76	1	0.76	U	0.76	1	0.76	U	0.76	1												
Iron	13	200	--	13	U	13	1	**20**	F	13	1	**15**	F	13	1	**14**	F	13	1												
Magnesium	24	100	--	**32000**		24	1	**27000**		24	1	**490**		24	1	**490**		24	1												
Manganese	0.49	3	--	**2.5**	F	0.49	1	**1.3**	F	0.49	1	0.49	U	0.49	1	0.49	U	0.49	1												
Nickel	1.7	10	100	**2.9**	F	1.7	1	**11**		1.7	1	**22**		1.7	1	**23**		1.7	1												
Potassium	490	1000	--	**5000**		490	1	**82000**		490	1	**360000**		490	1	**360000**		490	1												
Sodium	26	1000	--	**8200**		26	1	**45000**		26	1	**93000**		26	1	**93000**		26	1												
Zinc	6.8	10	11000	**96**		3.3	1	**12**		3.3	1	**17**		3.3	1	**18**		3.3	1												
SW6020 (ug/L)																															
Arsenic	0.061	5	50	**0.71**	F	0.061	1	**1.3**	F	0.061	1	**11**		0.061	1	**11**		0.061	1												
Cadmium	0.022	1	3	0.022	U	0.022	1	**0.045**	F	0.022	1	**0.079**	F	0.022	1	**0.076**	F	0.022	1												
Lead	0.15	2	15	0.15	U	0.15	1	0.15	U	0.15	1	**0.35**	F	0.15	1	**0.37**	F	0.15	1												
SW8260B (ug/L)																															
Benzene	0.04	0.4	5	0.04	U	0.04	1	0.04	U	0.04	1	**0.048**	F	0.04	1	0.04	U	0.04	1												
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	**0.096**	F	0.05	1	0.05	U	0.05	1	0.05	U	0.05	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	**0.045**	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	**110**		0.36	4	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	**0.54**	F	0.04	1	0.04	U	0.04	1	0.04	U	0.04	1
Methylene chloride	0.2	2	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	**0.32**	F	0.2	1	**0.57**	F	0.2	1	**3.3**		0.2	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	**93**		0.2	4	**0.19**	F	0.05	1	**0.14**	F	0.05	1
Toluene	0.06	1.1	1000	0.06	U	0.06	1	**0.22**	F	0.06	1	**0.28**	F	0.06	1	**0.24**	F	0.06	1												
Trichloroethene	0.03	1	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	**120**		0.12	4	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
SW9056 (mg/L)																															
Bromide	0.031	0.5	--	0.031	U	0.031	1	0.031	U	0.031	1	**0.24**	F	0.031	1	**0.22**	F	0.031	1												
Chloride	0.12	1	--	**8.6**		0.12	1	**14**		0.12	1	**27**		0.12	1	**26**		0.12	1												
Fluoride	0.035	1	4	**0.63**	F	0.035	1	**1.6**		0.035	1	**1.8**		0.035	1	**1.8**		0.035	1												
Nitrate	0.031	1	10	**0.15**	M	0.031	1	0.031	U	0.031	1	**0.031**	M	0.031	1	0.031	U	0.031	1												
Phosphorus, Total Orthophosphate	0.041	1	--	**0.041**	M	0.041	1	0.041	U	0.041	1	0.041	U	0.041	1	0.041	U	0.041	1												
Sulfate	1	5	--	**31**		0.2	1	**37**		0.2	1	**82**		1	5	**82**		1	5												

Tables present all laboratory results for analytes detected above the method detection limi
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Abbreviations/Notes:

-- No risk reduction standard or background level available
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MDL Method Detection Limit
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Data Qualifiers:

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Bolded results indicate the analyte was detected. Bolded and boxed results indicate results above the RL. Bolded and shaded results indicate results greater than MCL standards