

**Table 4.1**  
**Quarterly Off-post Groundwater Monitoring Analytical Results-Detected Constituents, September, 2001**

	Sample ID Sample Date Sample Type Lab ID			I10-2 09/19/01 N1 AP22340				JW-14 09/18/01 N1 AP22332				LS-1 9/17/2001 N1 AP22236				LS-2 9/27/2001 N1			
	Water Comparison Criteria																		
	Lab MDL	Lab RL	MCL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
<b>SW8260 (UG/L)</b>																			
Bromodichloromethane	0.12	0.80	100.0	0.12 U		1	0.80	<b>0.47</b> F		1	0.80	0.16 U		1	0.4	0.12 U		1	0.4
Chloroform	0.06	0.30	100.0	0.06 U		1	0.30	<b>7.90</b>		1	0.30	<b>0.2</b> F		1	0.3	<b>0.20</b> F		1	0.3
Dibromochloromethane	0.09	0.50	100.0	0.09 U		1	0.50	<b>0.10</b> F		1	0.50	0.09 U		1	0.5	0.09 U		1	0.5
Dichloroethene, cis-1,2-	0.11	1.20	70.0	0.11 U		1	1.20	0.11 U		1	1.20	0.11 U		1	1.2	0.11 U		1	1.2
Methylene chloride	0.19	1.00	--	0.19 U		1	1.00	0.19 U		1	1.00	0.19 U		1	1	0.19 U		1	1
Tetrachloroethene	0.11	1.40	5.0	0.11 U		1	1.40	<b>0.12</b> F		1	1.40	<b>0.47</b> F		1	1.4	<b>4.60</b>		1	1.4
Trichloroethene	0.14	1.00	5.0	<b>0.23</b> F		1	1.00	0.14 U		1	1.00	<b>0.37</b> F		1	1	<b>0.17</b> F		1	1

	Sample ID Sample Date Sample Type Lab ID			LS-3 9/17/2001 N1				LS-6 POST 09/19/01 N1 AP22343				LS-6 PRE 09/19/01 FD1 AP22342				LS-6 PRE 09/19/01 N1 AP22341			
	Water Comparison Criteria																		
	Lab MDL	Lab RL	MCL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
<b>SW8260 (UG/L)</b>																			
Bromodichloromethane	0.12	0.80	100.0	0.12 U		1	0.4	0.12 U		1	0.80	0.12 U		1	0.80	0.12 U		1	0.80
Chloroform	0.06	0.30	100.0	<b>0.13</b> F		1	0.3	0.06 U		1	0.30	<b>0.11</b> F		1	0.30	<b>0.10</b> F		1	0.30
Dibromochloromethane	0.09	0.50	100.0	0.09 U		1	0.5	0.09 U		1	0.50	0.09 U		1	0.50	0.09 U		1	0.50
Dichloroethene, cis-1,2-	0.11	1.20	70.0	0.11 U		1	1.2	0.11 U		1	1.20	0.11 U		1	1.20	0.11 U		1	1.20
Methylene chloride	0.19	1.00	--	0.19 U		1	1	<b>0.77</b> F		1	1.00	0.19 U		1	1.00	0.19 U		1	1.00
Tetrachloroethene	0.11	1.40	5.0	<b>4.80</b>		1	1.4	0.11 U		1	1.40	<b>7.20</b>		1	1.40	<b>6.70</b>		1	1.40
Trichloroethene	0.14	1.00	5.0	<b>0.43</b> F		1	1	0.14 U		1	1.00	<b>0.39</b> F		1	1.00	<b>0.35</b> F		1	1.00

	Sample ID Sample Date Sample Type Lab ID			LS-7 PRE 09/19/01 N1 AP22344				LS-7 PRE 09/19/01 FD1 AP22345				RFR-10 09/19/01 N1 AP22333			
	Water Comparison Criteria														
	Lab MDL	Lab RL	MCL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
<b>SW8260 (UG/L)</b>															
Bromodichloromethane	0.12	0.80	100.0	0.12 U		1	0.80	0.12 U		1	0.80	0.12 U		1	0.80
Chloroform	0.06	0.30	100.0	0.06 U		1	0.30	0.06 U		1	0.30	0.06 U		1	0.30
Dibromochloromethane	0.09	0.50	100.0	0.09 U		1	0.50	0.09 U		1	0.50	0.09 U		1	0.50
Dichloroethene, cis-1,2-	0.11	1.20	70.0	0.11 U		1	1.20	0.11 U		1	1.20	<b>0.42</b> F		1	1.20
Methylene chloride	0.19	1.00	--	0.19 U		1	1.00	0.19 U		1	1.00	0.19 U		1	1.00
Tetrachloroethene	0.11	1.40	5.0	<b>4.50</b>		1	1.40	<b>4.60</b>		1	1.40	<b>14.00</b>		1	1.40
Trichloroethene	0.14	1.00	5.0	<b>0.81</b> F		1	1.00	<b>0.83</b> F		1	1.00	<b>7.50</b>		1	1.00

**Bold** Value > or = MCL  
**Bold** MCL > Value > or = RL  
**Bold** RL > Value > MDL

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 APPL Inc.  
Referenced laboratory package number: APPL Inc.: 36416

**Abbreviations/Notes:**  
Bolted and shaded samples indicat results greater than MCL standards  
-- No risk reduction standard or background level available  
FD1 Field Duplicate  
MDL Method Detection Limit  
N1 Environmental Sample  
RL Reporting Limit  
SQL Sample Quantitation Limit  
MCL Maximum Contamination Level

**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.  
R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria  
M- Matrix Effect Present