

Table 4
On-post Quarterly Groundwater Detected Concentrations, December 2001

Sample ID Sample Date Sample Type Lab ID	Sample ID			CS-1				CS-1				CS-2				CS-9				CS-10				
	Sample Date			12/11/01				12/17/01				12/14/01				12/11/01				12/11/01				
	Sample Type			N				N				N				N				N				
Lab ID			AP26254/AP26259				AP26642/AP26639				AP26534/AP26520				AP26251/AP26256				AP26252/AP26257					
	Water Comparison Criteria			Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	
	Lab	MDL	RL																					MCL
SW6010B (MG/L)																								
Barium	0.0003	0.005	2	0.0356		1	0.005	0.1256		1	0.005	0.0318		1	0.005	0.0349		1	0.005	0.0405		1	0.005	
Calcium	0.02	1.1	*																					
Chromium	0.001	0.01	0.1	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	
Copper	0.003	0.01	1.3	0.003 U		1	0.01	0.039		1	0.01	0.003 U		1	0.01	0.008 F		1	0.01	0.006 F		1	0.01	
Iron	0.010	0.20	0.3																					
Magnesium	0.005	0.1	*																					
Manganese	0.0003	0.005	0.05																					
Nickel	0.001	0.01	0.1	0.003 F		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.003 F		1	0.01	
Potassium	0.020	1.0	*																					
Sodium	0.02	1.0	*																					
Zinc	0.008	0.05	11	0.327		1	0.05	3.080		5	0.25	0.008 U		1	0.05	0.256		1	0.05	0.069		1	0.05	
SW7060A (MG/L)																								
Arsenic	0.0008	0.005	0.05	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	
SW7131A (MG/L)																								
Cadmium	0.0001	0.001	0.003	0.0001 U		1	0.001	0.0003 F		1	0.001	0.0001 J		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001	
SW7421 (MG/L)																								
Lead	0.0008	0.005	0.015	0.0037 F		1	0.005	0.0827		5	0.025	0.0014 F		1	0.005	0.0028 F		1	0.005	0.0014 F		1	0.005	
SW7470A (MG/L)																								
Mercury	0.0001	0.001	0.002	0.0001 U		1	0.001	0.0002 F		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001	
SW8260 (UG/L)																								
Chloroform	0.06	0.3	100	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3	0.38		1	0.3	
Dichlorodifluoromethane	0.24	1																						
Dichloroethane, 1,2-	0.1	0.6	5																					
Dichloroethene, cis-1,2-	0.11	1.2	70	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	
Dichloroethene, trans-1,2-	0.14	0.6	100	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	
Methylene chloride	0.19	1		0.19 U		1	1	0.19 U		1	1	0.19 U		1	1	0.19 U		1	1	0.19 U		1	1	
Naphthalene	0.08	0.8																						
Tetrachloroethene	0.11	1.4	5	0.11 U		1	1.4	0.11 U		1	1.4	0.35 F		1	1.4	0.11 U		1	1.4	0.11 U		1	1.4	
Toluene	0.11	1.1	1000																					
Trichloroethene	0.14	1	5	0.20 F		1	1	0.14 U		1	1	0.17 F		1	1	0.14 U		1	1	0.14 U		1	1	
SW9056 (MG/L)																								
Bromide	0.07	0.5																						
Chloride	0.08	1.0	250																					
Fluoride	0.10	1.0	2																					
Nitrate	0.03	1.0	10																					
Nitrite	0.04	1.0	1																					
Sulfate	0.26	1.0	250																					

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.: 37141, 37142, 37150, 37151, 37122, 37123, 37163, 37164, 37197, 37199, 37184

Abbreviations/Notes:

-- No risk reduction standard or background level available
DL Dilution
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Data Qualifiers:

F- The analyte was positively identified but the associated numerical value is below the RL
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M- Matrix Effect Present

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Sample ID Sample Date Sample Type Lab ID	CS-11 12/11/01 N AP26253/AP26258				CS-16 12/14/01 N AP26533/AP26519				CS-D 12/14/01 N AP26531/AP26527				CS-D 12/14/01 FD AP26532/AP26528				CS-G 12/18/01 N AP26733						
	Water Comparison Criteria				Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL			
	Lab	MDL	Lab	RL																	MCL		
SW6010B (MG/L)																							
Barium	0.0003	0.005	2	0.0335		1	0.005	0.0326		1	0.005	0.0291		1	0.005	0.0294		1	0.005	0.0219		1	0.005
Calcium	0.02	1.1	*	91.86		1	1.1																
Chromium	0.001	0.01	0.1	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01
Copper	0.003	0.01	1.3	0.005 F		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01
Iron	0.010	0.20	0.3	1.004		1	0.2																
Magnesium	0.005	0.1	*	11.026		1	0.1																
Manganese	0.0003	0.005	0.05	0.0246		1	0.005																
Nickel	0.001	0.01	0.1	0.002 F		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.009 F		1	0.01	0.001 U		1	0.01
Potassium	0.020	1.0	*	1.59		1	1																
Sodium	0.02	1.0	*	13.05 J		1	1																
Zinc	0.008	0.05	11	0.739		1	0.05	0.173		1	0.05	0.016 F		1	0.05	0.079		1	0.05	0.053		1	0.05
SW7060A (MG/L)																							
Arsenic	0.0008	0.005	0.05	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005
SW7131A (MG/L)																							
Cadmium	0.0001	0.001	0.003	0.0001 U		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 U		1	0.001
SW7421 (MG/L)																							
Lead	0.0008	0.005	0.015	0.0063		1	0.005	0.0008 U		1	0.005	0.0010 F		1	0.005	0.0008 U		1	0.005	0.0015 F		1	0.005
SW7470A (MG/L)																							
Mercury	0.0001	0.001	0.002	0.0001 U		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001	0.0001 U		1	0.001
SW8260 (UG/L)																							
Chloroform	0.06	0.3	100	0.06 U		1	0.3	0.14 F		1	0.3	0.15 F		1	0.3	0.16 F		1	0.3	0.06 U		1	0.3
Dichlorodifluoromethane	0.24	1		0.24 U		1	1																
Dichloroethane, 1,2-	0.1	0.6	5	0.10 U		1	0.6																
Dichloroethane, cis-1,2-	0.11	1.2	70	0.30 F		1	1.2	141.7		10	12	145.19 R		10	12	145.11 R		10	12	0.11 U		1	1.2
Dichloroethane, trans-1,2-	0.14	0.6	100	0.14 U		1	0.6	0.22 F		1	0.6	0.46 F		1	0.6	0.43 F		1	0.6	0.14 U		1	0.6
Methylene chloride	0.19	1		0.19 U		1	1	0.19 U		1	1	0.77 F		1	1	0.83 F		1	1	0.40 F		1	1
Naphthalene	0.08	0.8		0.08 U		1	0.8																
Tetrachloroethene	0.11	1.4	5	0.11 U		1	1.4	148.43		10	14	130.14 R		10	14	129.12 R		10	14	0.11 U		1	1.4
Toluene	0.11	1.1	1000	0.11 U		1	1.1																
Trichloroethene	0.14	1	5	0.14 U		1	1	164.54		10	10	178.59 R		10	10	178.61 R		10	10	0.14 U		1	1
SW9056 (MG/L)																							
Bromide	0.07	0.5		0.07 U		1	0.5																
Chloride	0.08	1.0	250	21.4		1	1																
Fluoride	0.10	1.0	2	0.39 F		1	1																
Nitrate	0.03	1.0	10	0.97 F		1	1																
Nitrite	0.04	1.0	1	0.04 U		1	1																
Sulfate	0.26	1.0	250	26.5		1	1																

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Abbreviations/Notes:
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Sample ID Sample Date Sample Type Lab ID	Water Comparison Criteria																																
	Lab MDL			Lab RL			MCL			CS-MW7-CC 12/14/01 N AP26530/AP26526				CS-MW8-LGR 12/13/01 N AP26448/AP26440				CS-MW9-BS 12/14/01 N AP26536/AP26522				CS-MW8-CC 12/13/01 N AP26449/AP26441				CS-MW9-LGR 12/14/01 N AP26535/AP26521				CS-MW9-CC 12/14/01 N AP26537/AP26523			
	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL									
SW6010B (MG/L)	0.0003	0.005	2	0.0278		1	0.005	0.0383		1	0.005	0.0204		1	0.005	0.0416		1	0.005	0.0338		1	0.005	0.0195		1	0.005						
Barium	0.0003	0.005	2																														
Calcium	0.02	1.1	*																														
Chromium	0.001	0.01	0.1	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01						
Copper	0.003	0.01	1.3	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01	0.003 U		1	0.01						
Iron	0.010	0.20	0.3																														
Magnesium	0.005	0.1	*																														
Manganese	0.0003	0.005	0.05																														
Nickel	0.001	0.01	0.1	0.002 F		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.001 U		1	0.01	0.018		1	0.01	0.001 U		1	0.01						
Potassium	0.020	1.0	*																														
Sodium	0.02	1.0	*																														
Zinc	0.008	0.05	11	0.008 U		1	0.05	0.067		1	0.05	0.008 U		1	0.05	0.008 U		1	0.05	0.008 U		1	0.05	0.01 F		1	0.05						
SW7060A (MG/L)	0.0008	0.005	0.05	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005	0.0043 F		1	0.005	0.0008 U		1	0.005	0.0010 F		1	0.005						
Arsenic	0.0008	0.005	0.05																														
SW7131A (MG/L)	0.0001	0.001	0.003	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001	0.0001 J		1	0.001						
Cadmium	0.0001	0.001	0.003																														
SW7421 (MG/L)	0.0008	0.005	0.015	0.0012 F		1	0.005	0.0011 F		1	0.005	0.0008 U		1	0.005	0.0012 F		1	0.005	0.0008 U		1	0.005	0.0008 U		1	0.005						
Lead	0.0008	0.005	0.015																														
SW7470A (MG/L)	0.0001	0.001	0.002	0.0002 F		1	0.001	0.0001 U		1	0.001	0.0002 F		1	0.001	0.0001 U		1	0.001	0.0002 F		1	0.001	0.0001 U		1	0.001						
Mercury	0.0001	0.001	0.002																														
SW8260 (UG/L)	0.06	0.3	100	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3	0.06 U		1	0.3						
Chloroform	0.24	1																															
Dichlorodifluoromethane	0.1	0.6	5																														
Dichloroethane, 1,2-	0.11	1.2	70	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2	0.11 U		1	1.2						
Dichloroethane, cis-1,2-	0.14	0.6	100	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6	0.14 U		1	0.6						
Dichloroethane, trans-1,2-	0.19	1		0.21 F		1	1	0.19 U		1	1	0.33 F		1	1	0.19 U		1	1	0.19 U		1	1	0.70 F		1	1						
Methylene chloride	0.08	0.8																															
Naphthalene	0.11	1.4	5	0.11 U		1	1.4	0.62 F		1	1.4	0.11 U		1	1.4	0.11 U		1	1.4	0.11 U		1	1.4	0.11 U		1	1.4						
Tetrachloroethene	0.11	1.1	1000																														
Toluene	0.14	1	5	0.14 U		1	1	0.14 U		1	1	0.14 U		1	1	0.14 U		1	1	0.14 U		1	1	0.14 U		1	1						
Trichloroethene	0.07	0.5																															
Bromide	0.08	1.0	250																														
Chloride	0.10	1.0	2																														
Fluoride	0.03	1.0	10																														
Nitrate	0.04	1.0	1																														
Nitrite	0.26	1.0	250																														
Sulfate																																	

Value > or = MCL
MCL > Value > or = RL
RL > Value > MDL

Tables present all laboratory results for analytes detected above the method detection limit.

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- D Dilution
- FD Field Duplicate
- MDL Method Detection Limit
- N1 Environmental Sample
- RL Reporting Limit
- SQL Sample Quantitation Limit
- MCL Maximum Contamination Level
- * Secondary MCL
- ** Maximum Contaminant Level Goal

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	Sample ID			CS-MW10-LGR				CS-MW10-CC			
	SampleDate			12/13/01				12/13/01			
	Sample Type			N				N			
	Lab ID			AP26450/AP26442				AP26451/AP26443			
	Water Comparison Criteria			Result	Flag	Dilution	SQL	Result	Flag	Dilution	SQL
	Lab MDL	Lab RL	MCL								
SW6010B (MG/L)											
Barium	0.0003	0.005	2	0.0414		1	0.005	0.0326		1	0.005
Calcium	0.02	1.1	*	63.34		1	1.1	59.39		1	1.1
Chromium	0.001	0.01	0.1	0.001	U	1	0.01	0.001	U	1	0.01
Copper	0.003	0.01	1.3	0.014		1	0.01	0.003	U	1	0.01
Iron	0.010	0.20	0.3								
Magnesium	0.005	0.1	*	31.014		1	0.1	50.409		1	0.1
Manganese	0.0003	0.005	0.05	0.0023	R	1	0.005	0.0118	R	1	0.005
Nickel	0.001	0.01	0.1	0.001	U	1	0.01	0.021		1	0.01
Potassium	0.020	1.0	*	17.16	R	1	1.0	8.39	R	1	1.0
Sodium	0.02	1.0	*	16.62		1	1.0	32.05		1	1.0
Zinc	0.008	0.05	11	0.052		1	0.05	0.06		1	0.05
SW7060A (MG/L)											
Arsenic	0.0008	0.005	0.05	0.0008	U	1	0.005	0.0058		1	0.005
SW7131A (MG/L)											
Cadmium	0.0001	0.001	0.003	0.0001	J	1	0.001	0.0001	J	1	0.001
SW7421 (MG/L)											
Lead	0.0008	0.005	0.015	0.0022	F	1	0.005	0.0016	F	1	0.005
SW7470A (MG/L)											
Mercury	0.0001	0.001	0.002	0.0001	U	1	0.001	0.0001	U	1	0.001
SW8260 (UG/L)											
Chloroform	0.06	0.3	100	0.10	F	1	0.3	0.06	U	1	0.3
Dichlorodifluoromethane	0.24	1		0.24	U	1	1	0.24	U	1	1
Dichloroethane, 1,2-	0.1	0.6	5	0.1	U	1	0.6	0.1	U	1	0.6
Dichloroethane, cis-1,2-	0.11	1.2	70	0.11	U	1	1.2	0.11	U	1	1.2
Dichloroethane, trans-1,2-	0.14	0.6	100	0.14	U	1	0.6	0.14	U	1	0.6
Methylene chloride	0.19	1		0.19	U	1	1	0.19	U	1	1
Naphthalene	0.08	0.8		0.08	U	1	0.8	0.08	U	1	0.8
Tetrachloroethene	0.11	1.4	5	2.50		1	1.4	0.11	U	1	1.4
Toluene	0.11	1.1	1000	0.11	U	1	1.1	0.11	U	1	1.1
Trichloroethene	0.14	1	5	0.51	F	1	1	0.14	U	1	1
SW9056 (MG/L)											
Bromide	0.07	0.5		0.07	U	1	0.5	1.06		1	0.5
Chloride	0.08	1.0	250	10.1		1	1	32.30		1	1
Fluoride	0.10	1.0	2	0.54	F	1	1	1.47		1	1
Nitrate	0.03	1.0	10	2.88		1	1	0.03	U	1	1
Nitrite	0.04	1.0	1	0.17	F	1	1	0.04	U	1	1
Sulfate	0.26	1.0	250	14.1		1	1	134		5	5

Value	Value > or = MCL
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- 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