Table 4-5. Inorganic Analytes Detected in the Westwood Study Area Confined Aquifer Groundwater

Well Number			**WW-41A**				**WW-41B**		**WW-LCA-01**	**WW-LCA-02**
Sampling Round			**R1**	**R2**	**R3**	**R4**	**R1**	**R2**	**R1**	**R1**
Analytes at or Above Primary MCLs and/or RBCTAPs	**MCL (µg/L)**	**RBCTAP (µg/L)**	**Concentrations (µg/L)**							
Antimony, Total	6.0 P	15	--	--	--	--	9.55 B	--	--	--
Arsenic, Total	50 P	0.045	--	--	1.56	--	--	--	--	--
Arsenic, Dissolved	50 P	0.045	--	--	1.56	--	2.13	--	--	--
Lead, Total	15	--	--	--	33.3	17.0	23.2	--	--	--
Analytes at or Above Secondary MCLs and/or RBCTAPs	**MCL (µg/L)**	**RBCTAP (µg/L)**	**Concentrations (µg/L)**							
Aluminum, Total	50 S	37000	1200	940	16000	2340	4220	4830	118 B	77.6 B
Aluminum, Dissolved	50 S	37000	--	51	577	2540	4350	--	--	88.7 B
Iron, Total	300 S	11000	1000	1000	12700	--	--	1040	1450	--
Iron, Dissolved	300 S	11000	1000	660	369	--	--	--	1410	--
Manganese, Total	50 S	730	--	--	--	--	--	--	107	--
Manganese, Dissolved	50 S	730	--	--	--	--	--	--	107	--
Total Dissolved Solids (TDS)	500000 S	--	--	--	1720000	1540000	1370000	--	--	--
Well Number			**WW-42**				**WW-99**		**WW-LCA-03**	**WW-LCA-04**
Sampling Round			**R1**	**R2**	**R3**	**R4**	**R1**	**R2**	**R1**	**R1**
Analytes at or Above Secondary MCLs and/or RBCTAPs	**MCL (µg/L)**	**RBCTAP (µg/L)**	**Concentrations (µg/L)**							
Aluminum, Total	50 S	37000	4500	526	122 B	--	159 K	--	74.8 B	--
Aluminum, Dissolved	50 S	37000	100	51	--	--	94 K	--	--	--
Iron, Total	300 S	11000	1700	780	725	357	1550	2160	337 K	2660
Iron, Dissolved	300 S	11000	--	--	312	--	1550	--	341 B	2610
Manganese, Total	50 S	730	--	82	102	--	--	--	--	66.6
Manganese, Dissolved	50 S	730	--	60	98.2	--	--	--	--	66.8
Total Dissolved Solids (TDS)	500000 S	--	--	--	--	--	--	--		

MCL = Primary Maximum Contaminant Level for drinking water (1996)
RBCTAP = Risk-Based Concentrations for tap water (USEPA Region III, 2000)

Validation Data Qualifiers:
B = Not detected substantially above the level reported in the laboratory or field blanks.
K = The analyte is present. The reported value may be biased high.