



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07060854-003
Client Sample ID: 1041604 (7038)

Report Date: 06/29/07
Collection Date: 06/12/07 12:42
Date Received: 06/16/07
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	ND	mg/L		1		A2320 B	06/21/07 15:43 / ljl
Alkalinity, Total as CaCO3	170	mg/L		1		A2320 B	06/21/07 15:43 / ljl
Bromide	1.39	mg/L		0.50		E300.0	06/20/07 04:39 / bt
Calcium	56.6	mg/L		0.5		E200.7	06/22/07 17:29 / cp
Chloride	74	mg/L		1		A4500-Cl B	06/28/07 14:10 / jl
Fluoride	2.6	mg/L		0.1		A4500-F C	06/21/07 11:32 / bas
Magnesium	44.7	mg/L		0.5		E200.7	06/22/07 17:29 / cp
Nitrogen, Nitrate+Nitrite as N	4.2	mg/L		0.1		E353.2	06/18/07 13:45 / jal
Potassium	8.9	mg/L		0.5		E200.7	06/22/07 17:29 / cp
Silica	36.3	mg/L	D	0.2		E200.7	06/22/07 15:07 / cp
Sodium	30.2	mg/L	D	0.8		E200.7	06/22/07 17:29 / cp
Sulfate	110	mg/L	D	1		A4500-SO4 E	06/21/07 10:53 / ljl
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	06/22/07 07:29 / sml
Antimony	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Arsenic	4	ug/L		1		E200.8	06/20/07 06:20 / sml
Barium	38	ug/L		1		E200.8	06/20/07 06:20 / sml
Beryllium	ND	ug/L		1		E200.8	06/22/07 07:29 / sml
Boron	182	ug/L		100		E200.7	06/22/07 17:29 / cp
Cadmium	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Chromium	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Cobalt	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Copper	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Iron	ND	ug/L		30		E200.7	06/22/07 17:29 / cp
Lead	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Lithium	81	ug/L		1		E200.7	06/22/07 17:29 / cp
Manganese	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Molybdenum	4	ug/L		1		E200.8	06/20/07 06:20 / sml
Selenium	10	ug/L		1		E200.8	06/20/07 06:20 / sml
Strontium	1740	ug/L		1		E200.8	06/20/07 06:20 / sml
Thallium	ND	ug/L		1		E200.8	06/20/07 06:20 / sml
Vanadium	27	ug/L		1		E200.8	06/20/07 06:20 / sml
Zinc	11	ug/L		1		E200.8	06/20/07 06:20 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	7.4	pCi/L		1.0		E900.0	06/23/07 23:55 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	06/23/07 23:55 / res
DATA QUALITY							
A/C Balance (± 5)	1.15	%		250		Calculation	06/28/07 16:14 / bws

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
Anions	8.23	meq/L		250		Calculation	06/28/07 16:14 / bws
Cations	8.04	meq/L		250		Calculation	06/28/07 16:14 / bws

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.