



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070445-004
Client Sample ID: 1159110 (2610)

Report Date: 08/07/06
Collection Date: 07/10/06 11:50
Date Received: 07/12/06
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	07/13/06 14:31 / th
Alkalinity, Total as CaCO3	248	mg/L		1		A2320 B	07/13/06 14:31 / th
Bromide	ND	mg/L		0.50		E300.0	07/18/06 16:30 / wen
Calcium	27.0	mg/L		0.5		E200.7	07/25/06 19:32 / ts
Chloride	11	mg/L		1		A4500-Cl B	07/13/06 15:09 / jal
Fluoride	3.4	mg/L		0.1		A4500-F C	07/13/06 14:28 / th
Magnesium	35.0	mg/L		0.5		E200.7	07/18/06 17:56 / ts
Nitrogen, Nitrate+Nitrite as N	0.9	mg/L		0.1		E353.2	07/13/06 10:31 / jal
Potassium	8.0	mg/L		0.5		E200.7	07/18/06 17:56 / ts
Silica	45.4	mg/L		0.1		E200.7	07/18/06 17:56 / ts
Sodium	29.9	mg/L		0.5		E200.7	07/18/06 17:56 / ts
Sulfate	24	mg/L		1		A4500-SO4 E	07/17/06 15:56 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Antimony	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Arsenic	3	ug/L		1		E200.8	07/18/06 04:37 / sml
Barium	133	ug/L		1		E200.8	07/18/06 04:37 / sml
Beryllium	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Boron	165	ug/L		100		E200.7	07/18/06 17:56 / ts
Cadmium	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Chromium	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Cobalt	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Copper	2	ug/L		1		E200.8	07/18/06 04:37 / sml
Iron	ND	ug/L		30		E200.7	07/18/06 17:56 / ts
Lead	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Lithium	101	ug/L		1		E200.8	07/21/06 11:15 / bws
Manganese	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Molybdenum	6	ug/L		1		E200.8	07/18/06 04:37 / sml
Selenium	1	ug/L		1		E200.8	07/18/06 04:37 / sml
Strontium	1050	ug/L		1		E200.8	07/18/06 04:37 / sml
Thallium	ND	ug/L		1		E200.8	07/18/06 04:37 / sml
Uranium	8.0	ug/L		0.3		E200.8	07/18/06 04:37 / sml
Vanadium	16	ug/L		1		E200.8	07/18/06 04:37 / sml
Zinc	1	ug/L		1		E200.8	07/18/06 04:37 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	8.6	pCi/L		1.0		E900.0	07/31/06 21:08 / rs
Gross Alpha precision (±)	0.8	pCi/L				E900.0	07/31/06 21:08 / rs

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

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							
A/C Balance (± 5)	2.47	%		250		Calculation	07/26/06 11:38 / cp
Anions	6.03	meq/L		250		Calculation	07/26/06 11:38 / cp
Cations	5.74	meq/L		250		Calculation	07/26/06 11:38 / cp

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