



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06061228-003
Client Sample ID: 1158605 (2605)

Report Date: 07/13/06
Collection Date: 06/16/06 13:30
Date Received: 06/23/06
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	07/05/06 17:00 / jl
Alkalinity, Total as CaCO3	274	mg/L		1		A2320 B	07/05/06 17:00 / jl
Bromide	ND	mg/L		0.05		E300.0	06/30/06 16:51 / eli-b
Calcium	45.2	mg/L		0.5		E200.7	06/27/06 16:32 / ts
Chloride	18	mg/L		1		A4500-Cl B	06/26/06 14:06 / jl
Fluoride	3.1	mg/L		0.1		A4500-F C	06/30/06 11:24 / th
Magnesium	27.3	mg/L		0.5		E200.7	06/27/06 16:32 / ts
Nitrogen, Nitrate+Nitrite as N	0.9	mg/L		0.1		E353.2	06/29/06 11:13 / jal
Potassium	7.4	mg/L		0.5		E200.7	06/27/06 16:32 / ts
Silica	39.9	mg/L		0.1		E200.7	06/27/06 16:32 / ts
Sodium	55.5	mg/L		0.5		E200.7	06/27/06 16:32 / ts
Sulfate	5	mg/L		1		A4500-SO4 E	07/05/06 16:38 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Antimony	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Arsenic	3	ug/L		1		E200.8	06/28/06 21:18 / sml
Barium	85	ug/L		1		E200.8	06/28/06 21:18 / sml
Beryllium	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Boron	205	ug/L		100		E200.7	06/27/06 16:32 / ts
Cadmium	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Chromium	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Cobalt	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Copper	2	ug/L		1		E200.8	06/28/06 21:18 / sml
Iron	ND	ug/L		30		E200.7	06/27/06 16:32 / ts
Lead	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Lithium	71	ug/L		1		E200.8	06/26/06 19:04 / bws
Manganese	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Molybdenum	6	ug/L		1		E200.8	06/28/06 21:18 / sml
Selenium	1	ug/L		1		E200.8	06/28/06 21:18 / sml
Strontium	906	ug/L		1		E200.8	06/28/06 21:18 / sml
Thallium	ND	ug/L		1		E200.8	06/28/06 21:18 / sml
Uranium	8.6	ug/L		0.3		E200.8	06/28/06 21:18 / sml
Vanadium	16	ug/L		1		E200.8	06/28/06 21:18 / sml
Zinc	2	ug/L		1		E200.8	06/28/06 21:18 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	5.0	pCi/L		1.0		E900.0	07/09/06 00:08 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/09/06 00:08 / 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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DATA QUALITY							
A/C Balance (± 5)	3.17	%		250		Calculation	07/08/06 15:32 / cp
Anions	6.67	meq/L		250		Calculation	07/08/06 15:32 / cp
Cations	7.10	meq/L		250		Calculation	07/08/06 15:32 / cp

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