



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06061228-002
Client Sample ID: 1064602 (2604)

Report Date: 07/13/06
Collection Date: 06/16/06 09:30
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 16:58 / jl
Alkalinity, Total as CaCO3	266	mg/L		1		A2320 B	07/05/06 16:58 / jl
Bromide	0.28	mg/L			0.05	E300.0	06/30/06 01:01 / eli-b
Calcium	64.0	mg/L			0.5	E200.7	06/27/06 16:28 / ts
Chloride	53	mg/L		1		A4500-Cl B	06/26/06 14:05 / jl
Fluoride	2.4	mg/L			0.1	A4500-F C	06/30/06 11:22 / th
Magnesium	58.3	mg/L			0.5	E200.7	06/27/06 16:28 / ts
Nitrogen, Nitrate+Nitrite as N	5.1	mg/L	D		0.2	E353.2	06/29/06 11:11 / jal
Potassium	9.0	mg/L			0.5	E200.7	06/27/06 16:28 / ts
Silica	51.8	mg/L			0.1	E200.7	06/27/06 16:28 / ts
Sodium	44.3	mg/L			0.5	E200.7	06/27/06 16:28 / ts
Sulfate	106	mg/L	D		3	A4500-SO4 E	07/05/06 16:37 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Antimony	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Arsenic	4	ug/L			1	E200.8	06/28/06 21:11 / sml
Barium	60	ug/L			1	E200.8	06/28/06 21:11 / sml
Beryllium	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Boron	252	ug/L			100	E200.7	06/27/06 16:28 / ts
Cadmium	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Chromium	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Cobalt	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Copper	2	ug/L			1	E200.8	06/28/06 21:11 / sml
Iron	ND	ug/L			30	E200.7	06/27/06 16:28 / ts
Lead	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Lithium	94	ug/L			1	E200.8	06/26/06 19:01 / bws
Manganese	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Molybdenum	2	ug/L			1	E200.8	06/28/06 21:11 / sml
Selenium	8	ug/L			1	E200.8	06/28/06 21:11 / sml
Strontium	1670	ug/L			1	E200.8	06/28/06 21:11 / sml
Thallium	ND	ug/L			1	E200.8	06/28/06 21:11 / sml
Uranium	7.5	ug/L			0.3	E200.8	06/28/06 21:11 / sml
Vanadium	23	ug/L			1	E200.8	06/28/06 21:11 / sml
Zinc	2	ug/L			1	E200.8	06/28/06 21:11 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	4.9	pCi/L			1.0	E900.0	07/08/06 04:37 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/08/06 04:37 / rs

Report Definitions:
 RL - Analyte reporting limit.
 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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				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	3.14	%		250		Calculation	07/08/06 15:31 / cp
Anions	9.53	meq/L		250		Calculation	07/08/06 15:31 / cp
Cations	10.1	meq/L		250		Calculation	07/08/06 15:31 / cp

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

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