



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06071299-002
Client Sample ID: 0561913 (2093)

Report Date: 08/22/06
Collection Date: 07/27/06 08:55
Date Received: 07/28/06
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	07/31/06 14:11 / th
Alkalinity, Total as CaCO3	164	mg/L		1		A2320 B	07/31/06 14:11 / th
Bromide	ND	mg/L	D	0.60		E300.0	08/04/06 10:54 / wen
Calcium	668	mg/L	D	0.6		E200.7	08/10/06 17:01 / ts
Chloride	318	mg/L		1		A4500-Cl B	08/02/06 14:16 / jl
Fluoride	0.6	mg/L		0.1		A4500-F C	07/31/06 12:12 / th
Magnesium	76.6	mg/L		0.5		E200.7	08/02/06 16:26 / ts
Nitrogen, Nitrate+Nitrite as N	4.5	mg/L		0.1		E353.2	08/02/06 10:30 / jal
Potassium	4.2	mg/L		0.5		E200.7	08/02/06 16:26 / ts
Silica	20.9	mg/L		0.1		E200.7	08/02/06 16:26 / ts
Sodium	202	mg/L		0.5		E200.7	08/02/06 16:26 / ts
Sulfate	1640	mg/L	D	30		A4500-SO4 E	08/03/06 15:14 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Antimony	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Arsenic	3	ug/L		1		E200.8	07/31/06 18:46 / sml
Barium	12	ug/L		1		E200.8	07/31/06 18:46 / sml
Beryllium	ND	ug/L		1		E200.8	08/01/06 14:05 / bws
Boron	274	ug/L		100		E200.7	08/02/06 16:26 / ts
Cadmium	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Chromium	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Cobalt	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Copper	2	ug/L		1		E200.8	07/31/06 18:46 / sml
Iron	ND	ug/L		30		E200.7	08/02/06 16:26 / ts
Lead	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Lithium	59	ug/L		1		E200.8	08/04/06 17:14 / bws
Manganese	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Molybdenum	3	ug/L		1		E200.8	07/31/06 18:46 / sml
Selenium	14	ug/L		1		E200.8	07/31/06 18:46 / sml
Strontium	5330	ug/L		1		E200.8	07/31/06 18:46 / sml
Thallium	ND	ug/L		1		E200.8	07/31/06 18:46 / sml
Uranium	9.3	ug/L		0.3		E200.8	07/31/06 18:46 / sml
Vanadium	8	ug/L		1		E200.8	07/31/06 18:46 / sml
Zinc	7	ug/L		1		E200.8	07/31/06 18:46 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	16.6	pCi/L		1.0		E900.0	08/17/06 04:49 / rs
Gross Alpha precision (±)	3.2	pCi/L				E900.0	08/17/06 04:49 / 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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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	1.95	%		250		Calculation	08/14/06 11:26 / cp
Anions	46.7	meq/L		250		Calculation	08/14/06 11:26 / cp
Cations	48.5	meq/L		250		Calculation	08/14/06 11:26 / cp

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

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