



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06071229-009
Client Sample ID: 1215406 (2090)

Report Date: 08/17/06
Collection Date: 07/26/06 10:25
Date Received: 07/27/06
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	07/28/06 12:00 / th
Alkalinity, Total as CaCO3	141	mg/L		1		A2320 B	07/28/06 12:00 / th
Bromide	ND	mg/L	D	0.60		E300.0	08/03/06 16:09 / wen
Calcium	561	mg/L	D	0.6		E200.7	08/07/06 18:43 / ts
Chloride	39	mg/L		1		A4500-Cl B	07/28/06 13:31 / jl
Fluoride	0.7	mg/L		0.1		A4500-F C	07/28/06 15:40 / th
Magnesium	78.2	mg/L		0.5		E200.7	08/03/06 16:20 / ts
Nitrogen, Nitrate+Nitrite as N	5.0	mg/L	D	0.2		E353.2	07/28/06 12:07 / jal
Potassium	3.7	mg/L		0.5		E200.7	08/03/06 16:20 / ts
Silica	17.9	mg/L		0.1		E200.7	08/03/06 16:20 / ts
Sodium	49.9	mg/L		0.5		E200.7	08/03/06 16:20 / ts
Sulfate	1710	mg/L	D	30		A4500-SO4 E	07/31/06 17:36 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Antimony	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Arsenic	3	ug/L		1		E200.8	07/28/06 17:08 / sml
Barium	11	ug/L		1		E200.8	07/28/06 17:08 / sml
Beryllium	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Boron	336	ug/L		100		E200.7	08/03/06 16:20 / ts
Cadmium	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Chromium	1	ug/L		1		E200.8	07/28/06 17:08 / sml
Cobalt	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Copper	6	ug/L		1		E200.8	07/28/06 17:08 / sml
Iron	ND	ug/L		30		E200.7	08/03/06 16:20 / ts
Lead	2	ug/L		1		E200.8	07/28/06 17:08 / sml
Lithium	60	ug/L		1		E200.8	08/04/06 13:21 / bws
Manganese	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Molybdenum	4	ug/L		1		E200.8	07/28/06 17:08 / sml
Selenium	15	ug/L		1		E200.8	07/28/06 17:08 / sml
Strontium	5060	ug/L		1		E200.8	07/28/06 17:08 / sml
Thallium	ND	ug/L		1		E200.8	07/28/06 17:08 / sml
Uranium	8.1	ug/L		0.3		E200.8	07/28/06 17:08 / sml
Vanadium	7	ug/L		1		E200.8	07/28/06 17:08 / sml
Zinc	5	ug/L		1		E200.8	07/28/06 17:08 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	7.2	pCi/L		1.0		E900.0	08/13/06 02:28 / rs
Gross Alpha precision (±)	2.2	pCi/L				E900.0	08/13/06 02:28 / 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)	4.26	%		250		Calculation	08/09/06 12:03 / cp
Anions	40.0	meq/L		250		Calculation	08/09/06 12:03 / cp
Cations	36.7	meq/L		250		Calculation	08/09/06 12:03 / cp

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

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