



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070626-003
Client Sample ID: 1360508 (2081)

Report Date: 08/02/06
Collection Date: 07/13/06 11:30
Date Received: 07/14/06
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	07/19/06 12:28 / th
Alkalinity, Total as CaCO3	370	mg/L		1		A2320 B	07/19/06 12:28 / th
Bromide	ND	mg/L		0.50		E300.0	07/19/06 01:37 / wen
Calcium	92.2	mg/L		0.5		E200.7	07/20/06 09:20 / ts
Chloride	88	mg/L		1		A4500-Cl B	07/21/06 13:28 / jl
Fluoride	1.1	mg/L		0.1		A4500-F C	07/17/06 13:14 / th
Magnesium	47.3	mg/L		0.5		E200.7	07/20/06 09:20 / ts
Nitrogen, Nitrate+Nitrite as N	2.7	mg/L		0.1		E353.2	07/17/06 10:45 / jal
Potassium	1.0	mg/L		0.5		E200.7	07/20/06 09:20 / ts
Silica	22.7	mg/L		0.1		E200.7	07/20/06 09:20 / ts
Sodium	122	mg/L		0.5		E200.7	07/20/06 09:20 / ts
Sulfate	183	mg/L	D	3		A4500-SO4 E	07/18/06 16:28 / bm
METALS - DISSOLVED							
Aluminum	1	ug/L		1		E200.8	07/17/06 23:35 / bws
Antimony	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Arsenic	3	ug/L		1		E200.8	07/17/06 23:35 / bws
Barium	39	ug/L		1		E200.8	07/17/06 23:35 / bws
Beryllium	ND	ug/L		1		E200.8	07/19/06 04:49 / bws
Boron	486	ug/L		100		E200.7	07/20/06 09:20 / ts
Cadmium	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Chromium	1	ug/L		1		E200.8	07/17/06 23:35 / bws
Cobalt	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Copper	4	ug/L		1		E200.8	07/17/06 23:35 / bws
Iron	ND	ug/L		30		E200.7	07/20/06 09:20 / ts
Lead	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Lithium	35	ug/L		1		E200.8	07/24/06 12:18 / bws
Manganese	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Molybdenum	4	ug/L		1		E200.8	07/19/06 04:49 / bws
Selenium	5	ug/L		1		E200.8	07/17/06 23:35 / bws
Strontium	1020	ug/L		1		E200.8	07/17/06 23:35 / bws
Thallium	ND	ug/L		1		E200.8	07/17/06 23:35 / bws
Uranium	17.4	ug/L		0.3		E200.8	07/17/06 23:35 / bws
Vanadium	7	ug/L		1		E200.8	07/17/06 23:35 / bws
Zinc	19	ug/L		1		E200.8	07/17/06 23:35 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	8.1	pCi/L		1.0		E900.0	07/29/06 04:55 / rs
Gross Alpha precision (±)	0.9	pCi/L				E900.0	07/29/06 04:55 / 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)	0.502	%		250		Calculation	07/25/06 12:06 / cp
Anions	13.9	meq/L		250		Calculation	07/25/06 12:06 / cp
Cations	13.8	meq/L		250		Calculation	07/25/06 12:06 / cp

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

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