



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080712-001
Client Sample ID: 1354806 (473)

Report Date: 09/19/06
Collection Date: 08/09/06 09:36
Date Received: 08/15/06
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	08/17/06 14:45 / th
Alkalinity, Total as CaCO3	266	mg/L		1		A2320 B	08/17/06 14:45 / th
Bromide	ND	mg/L		0.50		E300.0	08/31/06 16:41 / wen
Calcium	77.7	mg/L		0.5		E200.7	08/25/06 14:50 / ts
Chloride	31	mg/L		1		A4500-Cl B	08/16/06 15:03 / jl
Fluoride	0.9	mg/L		0.1		A4500-F C	08/16/06 14:02 / th
Magnesium	44.3	mg/L		0.5		E200.7	08/25/06 14:50 / ts
Nitrogen, Nitrate+Nitrite as N	23.2	mg/L	D	0.2		E353.2	08/16/06 11:38 / jal
Potassium	1.7	mg/L		0.5		E200.7	08/25/06 14:50 / ts
Silica	26.0	mg/L		0.1		E200.7	08/25/06 14:50 / ts
Sodium	53.9	mg/L		0.5		E200.7	08/25/06 14:50 / ts
Sulfate	52	mg/L	D	1		A4500-SO4 E	09/05/06 11:06 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Antimony	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Arsenic	2	ug/L		1		E200.8	08/19/06 09:52 / bws
Barium	95	ug/L		1		E200.8	08/19/06 09:52 / bws
Beryllium	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Boron	169	ug/L		100		E200.7	08/25/06 14:50 / ts
Cadmium	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Chromium	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Cobalt	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Copper	7	ug/L		1		E200.8	08/19/06 09:52 / bws
Iron	ND	ug/L		30		E200.7	08/25/06 14:50 / ts
Lead	2	ug/L		1		E200.8	08/19/06 09:52 / bws
Lithium	19	ug/L		1		E200.8	08/25/06 18:04 / bws
Manganese	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Molybdenum	1	ug/L		1		E200.8	08/19/06 09:52 / bws
Selenium	3	ug/L		1		E200.8	08/19/06 09:52 / bws
Strontium	750	ug/L		1		E200.8	08/19/06 09:52 / bws
Thallium	ND	ug/L		1		E200.8	08/19/06 09:52 / bws
Uranium	8.3	ug/L		0.3		E200.8	08/19/06 09:52 / bws
Vanadium	10	ug/L		1		E200.8	08/19/06 09:52 / bws
Zinc	26	ug/L		1		E200.8	08/19/06 09:52 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	4.8	pCi/L		1.0		E900.0	08/27/06 23:56 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/27/06 23:56 / 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)	4.91	%		250		Calculation	09/06/06 13:44 / cp
Anions	8.98	meq/L		250		Calculation	09/06/06 13:44 / cp
Cations	9.91	meq/L		250		Calculation	09/06/06 13:44 / cp

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

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