



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081517-006
Client Sample ID: 8112704 (2103)

Report Date: 10/25/06
Collection Date: 08/23/06 12:05
Date Received: 08/30/06
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	08/31/06 10:29 / th
Alkalinity, Total as CaCO3	412	mg/L		1		A2320 B	08/31/06 10:29 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 08:14 / wen
Calcium	16.9	mg/L		0.5		E200.7	09/11/06 15:48 / ts
Chloride	380	mg/L		1		A4500-Cl B	08/31/06 17:20 / jl
Fluoride	0.8	mg/L		0.1		A4500-F C	08/31/06 07:30 / th
Magnesium	8.8	mg/L		0.5		E200.7	09/11/06 15:48 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	08/31/06 15:48 / jal
Potassium	4.2	mg/L		0.5		E200.7	09/11/06 15:48 / ts
Silica	13.4	mg/L		0.1		E200.7	09/11/06 15:48 / ts
Sodium	398	mg/L		0.5		E200.7	09/11/06 15:48 / ts
Sulfate	2	mg/L		1		A4500-SO4 E	09/12/06 13:32 / bmm
NON-METALS							
Iodide	ND	mg/L		0.10		E300.0	09/12/06 02:39 / eli-b
METALS - DISSOLVED							
Aluminum	1	ug/L		1		E200.8	09/01/06 02:58 / sml
Antimony	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Arsenic	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Barium	173	ug/L		1		E200.8	09/01/06 02:58 / sml
Beryllium	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Boron	773	ug/L		100		E200.7	09/11/06 15:48 / ts
Cadmium	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Chromium	2	ug/L		1		E200.8	09/01/06 02:58 / sml
Cobalt	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Copper	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Iron	114	ug/L		30		E200.7	09/11/06 15:48 / ts
Lead	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Lithium	27	ug/L		1		E200.8	08/31/06 17:10 / bws
Manganese	24	ug/L		1		E200.8	09/01/06 02:58 / sml
Molybdenum	12	ug/L		1		E200.8	09/01/06 02:58 / sml
Selenium	1	ug/L		1		E200.8	09/01/06 02:58 / sml
Strontium	274	ug/L		1		E200.8	09/01/06 02:58 / sml
Thallium	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Uranium	ND	ug/L		0.3		E200.8	09/01/06 02:58 / sml
Vanadium	ND	ug/L		1		E200.8	09/01/06 02:58 / sml
Zinc	5	ug/L		1		E200.8	09/01/06 02:58 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/21/06 05:00 / cw

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

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



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DATA QUALITY							
A/C Balance (± 5)	0.082	%		250		Calculation	09/13/06 11:29 / cp
Anions	19.0	meq/L		250		Calculation	09/13/06 11:29 / cp
Cations	19.0	meq/L		250		Calculation	09/13/06 11:29 / cp

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