



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081360-001
Client Sample ID: 1355803 (478)

Report Date: 09/20/06
Collection Date: 08/21/06 17:14
Date Received: 08/26/06
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	08/28/06 14:25 / th
Alkalinity, Total as CaCO3	249	mg/L		1		A2320 B	08/28/06 14:25 / th
Bromide	ND	mg/L		0.50		E300.0	08/31/06 20:01 / wen
Calcium	76.9	mg/L		0.5		E200.7	09/05/06 10:49 / ts
Chloride	28	mg/L		1		A4500-Cl B	08/28/06 11:13 / jl
Fluoride	2.9	mg/L		0.1		A4500-F C	08/28/06 09:53 / th
Magnesium	28.7	mg/L		0.5		E200.7	09/05/06 10:49 / ts
Nitrogen, Nitrate+Nitrite as N	4.5	mg/L		0.1		E353.2	08/29/06 09:28 / jal
Potassium	ND	mg/L		0.5		E200.7	09/05/06 10:49 / ts
Silica	23.2	mg/L		0.1		E200.7	09/05/06 10:49 / ts
Sodium	26.3	mg/L		0.5		E200.7	09/05/06 10:49 / ts
Sulfate	31	mg/L		1		A4500-SO4 E	09/06/06 13:46 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Antimony	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Arsenic	2	ug/L		1		E200.8	08/28/06 22:30 / bws
Barium	139	ug/L		1		E200.8	08/28/06 22:30 / bws
Beryllium	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Boron	225	ug/L		100		E200.7	09/05/06 10:49 / ts
Cadmium	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Chromium	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Cobalt	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Copper	5	ug/L		1		E200.8	08/28/06 22:30 / bws
Iron	ND	ug/L		30		E200.7	09/05/06 10:49 / ts
Lead	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Lithium	17	ug/L		1		E200.8	08/31/06 12:46 / bws
Manganese	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Molybdenum	3	ug/L		1		E200.8	08/28/06 22:30 / bws
Selenium	2	ug/L		1		E200.8	08/28/06 22:30 / bws
Strontium	492	ug/L		1		E200.8	08/28/06 22:30 / bws
Thallium	ND	ug/L		1		E200.8	08/28/06 22:30 / bws
Uranium	4.7	ug/L		0.3		E200.8	08/28/06 22:30 / bws
Vanadium	11	ug/L		1		E200.8	08/28/06 22:30 / bws
Zinc	14	ug/L		1		E200.8	08/28/06 22:30 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	4.3	pCi/L		1.0		E900.0	09/14/06 06:28 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	09/14/06 06:28 / rs

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)	3.07	%		250		Calculation	09/07/06 14:36 / cp
Anions	6.90	meq/L		250		Calculation	09/07/06 14:36 / cp
Cations	7.34	meq/L		250		Calculation	09/07/06 14:36 / cp

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