



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070722-002
Client Sample ID: 1160204 (2312)

Report Date: 08/02/06
Collection Date: 07/13/06 10:25
Date Received: 07/18/06
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	07/21/06 09:27 / th
Alkalinity, Total as CaCO3	262	mg/L		1		A2320 B	07/21/06 09:27 / th
Bromide	ND	mg/L		0.50		E300.0	07/26/06 15:58 / wen
Calcium	42.5	mg/L		0.5		E200.7	07/25/06 19:12 / ts
Chloride	32	mg/L		1		A4500-Cl B	07/21/06 14:16 / jl
Fluoride	3.1	mg/L		0.1		A4500-F C	07/21/06 09:07 / th
Magnesium	33.1	mg/L		0.5		E200.7	07/25/06 19:12 / ts
Nitrogen, Nitrate+Nitrite as N	2.6	mg/L		0.1		E353.2	07/25/06 10:19 / jal
Potassium	6.8	mg/L		0.5		E200.7	07/25/06 19:12 / ts
Silica	45.5	mg/L		0.1		E200.7	07/25/06 19:12 / ts
Sodium	59.2	mg/L		0.5		E200.7	07/25/06 19:12 / ts
Sulfate	37	mg/L		1		A4500-SO4 E	07/19/06 14:59 / bm
METALS - DISSOLVED							
Aluminum	4	ug/L		1		E200.8	07/19/06 14:14 / bws
Antimony	ND	ug/L		1		E200.8	07/19/06 14:14 / bws
Arsenic	5	ug/L		1		E200.8	07/19/06 14:14 / bws
Barium	62	ug/L		1		E200.8	07/19/06 14:14 / bws
Beryllium	ND	ug/L		1		E200.8	07/19/06 14:14 / bws
Boron	228	ug/L		100		E200.7	07/25/06 19:12 / ts
Cadmium	ND	ug/L		1		E200.8	07/19/06 14:14 / bws
Chromium	1	ug/L		1		E200.8	07/19/06 14:14 / bws
Cobalt	ND	ug/L		1		E200.8	07/19/06 14:14 / bws
Copper	8	ug/L		1		E200.8	07/19/06 14:14 / bws
Iron	ND	ug/L		30		E200.7	07/25/06 19:12 / ts
Lead	1	ug/L		1		E200.8	07/19/06 14:14 / bws
Lithium	86	ug/L		1		E200.8	07/24/06 14:26 / bws
Manganese	2	ug/L		1		E200.8	07/19/06 14:14 / bws
Molybdenum	5	ug/L		1		E200.8	07/19/06 14:14 / bws
Selenium	7	ug/L		1		E200.8	07/19/06 14:14 / bws
Strontium	980	ug/L		1		E200.8	07/19/06 14:14 / bws
Thallium	ND	ug/L		1		E200.8	07/19/06 14:14 / bws
Uranium	8.5	ug/L		0.3		E200.8	07/19/06 14:14 / bws
Vanadium	23	ug/L		1		E200.8	07/19/06 14:14 / bws
Zinc	10	ug/L		1		E200.8	07/19/06 14:14 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	6.8	pCi/L		1.0		E900.0	07/29/06 23:34 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/29/06 23:34 / 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)	2.17	%		250		Calculation	07/31/06 12:22 / cp
Anions	7.27	meq/L		250		Calculation	07/31/06 12:22 / cp
Cations	7.59	meq/L		250		Calculation	07/31/06 12:22 / cp

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