



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081513-007
Client Sample ID: 8359501 (865)

Report Date: 09/29/06
Collection Date: 08/22/06 09:45
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 09:57 / th
Alkalinity, Total as CaCO3	196	mg/L		1		A2320 B	08/31/06 09:57 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 05:34 / wen
Calcium	19.7	mg/L		0.5		E200.7	09/11/06 17:37 / ts
Chloride	380	mg/L		1		A4500-Cl B	08/31/06 17:06 / jl
Fluoride	1.6	mg/L		0.1		A4500-F C	08/31/06 07:23 / th
Magnesium	6.0	mg/L		0.5		E200.7	09/11/06 17:37 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	08/31/06 15:00 / jal
Potassium	5.9	mg/L		0.5		E200.7	09/11/06 17:37 / ts
Silica	16.5	mg/L		0.1		E200.7	09/11/06 17:37 / ts
Sodium	442	mg/L		0.5		E200.7	09/11/06 17:37 / ts
Sulfate	331	mg/L	D	3		A4500-SO4 E	09/11/06 12:44 / bmm
NON-METALS							
Iodide	ND	mg/L		0.10		E300.0	09/11/06 22:07 / eli-b
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Antimony	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Arsenic	4	ug/L		1		E200.8	09/05/06 14:46 / bws
Barium	32	ug/L		1		E200.8	09/05/06 14:46 / bws
Beryllium	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Boron	1640	ug/L		100		E200.7	09/11/06 17:37 / ts
Cadmium	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Chromium	3	ug/L		1		E200.8	09/05/06 14:46 / bws
Cobalt	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Copper	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Iron	ND	ug/L		30		E200.7	09/11/06 17:37 / ts
Lead	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Lithium	73	ug/L		1		E200.8	09/11/06 11:37 / bws
Manganese	5	ug/L		1		E200.8	09/05/06 14:46 / bws
Molybdenum	28	ug/L		1		E200.8	09/05/06 14:46 / bws
Selenium	2	ug/L		1		E200.8	09/05/06 14:46 / bws
Strontium	1240	ug/L		1		E200.8	09/05/06 14:46 / bws
Thallium	ND	ug/L		1		E200.8	09/05/06 14:46 / bws
Vanadium	2	ug/L		1		E200.8	09/05/06 14:46 / bws
Zinc	49	ug/L		1		E200.8	09/05/06 14:46 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	14.9	pCi/L		1.0		E900.0	09/15/06 08:57 / rs
Gross Alpha precision (±)	1.5	pCi/L				E900.0	09/15/06 08:57 / 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		
RADIONUCLIDES - DISSOLVED							
Radium 226	ND	pCi/L		0.2		E903.0	09/19/06 16:38 / trs
Radium 228	ND	pCi/L		1.0		RA-05	09/14/06 16:24 / pj
Uranium 234	2.2	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 234 precision (±)	0.9	pCi/L				E907.0	09/15/06 15:00 / df
Uranium 235	ND	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 238	ND	pCi/L		0.2		E907.0	09/15/06 15:00 / df
DATA QUALITY							
A/C Balance (± 5)	1.77	%		250		Calculation	09/13/06 11:25 / cp
Anions	21.6	meq/L		250		Calculation	09/13/06 11:25 / cp
Cations	20.9	meq/L		250		Calculation	09/13/06 11:25 / cp

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MCL - Maximum contaminant level.
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