



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080705-007
Client Sample ID: 8035807 (854)

Report Date: 09/19/06
Collection Date: 08/08/06 09:28
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 13:38 / th
Alkalinity, Total as CaCO3	264	mg/L		1		A2320 B	08/17/06 13:38 / th
Bromide	2.9	mg/L		0.10		E300.0	08/24/06 17:39 / eli-b
Calcium	82.8	mg/L		0.5		E200.7	08/29/06 14:52 / ts
Chloride	864	mg/L		1		A4500-Cl B	08/16/06 14:55 / jl
Fluoride	0.6	mg/L		0.1		A4500-F C	08/16/06 13:50 / th
Magnesium	42.3	mg/L		0.5		E200.7	08/29/06 14:52 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	08/21/06 13:15 / jal
Potassium	7.4	mg/L		0.5		E200.7	08/29/06 14:52 / ts
Silica	17.8	mg/L		0.1		E200.7	08/29/06 14:52 / ts
Sodium	557	mg/L		0.5		E200.7	08/29/06 14:52 / ts
Sulfate	41	mg/L		1		A4500-SO4 E	08/18/06 15:22 / bm
NON-METALS							
Iodide	0.28	mg/L		0.10		E300.0	08/23/06 14:01 / eli-b
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/23/06 05:02 / sml
Antimony	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Arsenic	5	ug/L		1		E200.8	08/22/06 05:47 / bws
Barium	180	ug/L		1		E200.8	08/22/06 05:47 / bws
Beryllium	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Boron	683	ug/L		100		E200.7	08/29/06 14:52 / ts
Cadmium	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Chromium	1	ug/L		1		E200.8	08/22/06 05:47 / bws
Cobalt	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Copper	31	ug/L		1		E200.8	08/22/06 05:47 / bws
Iron	157	ug/L		30		E200.7	08/29/06 14:52 / ts
Lead	1	ug/L		1		E200.8	08/22/06 05:47 / bws
Lithium	46	ug/L		1		E200.8	08/26/06 14:17 / bws
Manganese	97	ug/L		1		E200.8	08/22/06 05:47 / bws
Molybdenum	6	ug/L		1		E200.8	08/22/06 05:47 / bws
Selenium	5	ug/L		1		E200.8	08/22/06 05:47 / bws
Strontium	1120	ug/L		1		E200.8	08/22/06 05:47 / bws
Thallium	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Vanadium	ND	ug/L		1		E200.8	08/22/06 05:47 / bws
Zinc	36	ug/L		1		E200.8	08/22/06 05:47 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	7.4	pCi/L		1.0		E900.0	09/03/06 21:47 / rs
Gross Alpha precision (±)	2.1	pCi/L				E900.0	09/03/06 21:47 / rs

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



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				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	1.9	pCi/L		0.2		E903.0	09/11/06 11:51 / trs
Radium 226 precision (±)	0.4	pCi/L				E903.0	09/11/06 11:51 / trs
Radium 228	ND	pCi/L		1.0		RA-05	08/29/06 13:18 / pj
Uranium 234	ND	pCi/L		0.2		E907.0	09/05/06 11:00 / df
Uranium 235	ND	pCi/L		0.2		E907.0	09/05/06 11:00 / df
Uranium 238	ND	pCi/L		0.2		E907.0	09/05/06 11:00 / df
DATA QUALITY							
A/C Balance (± 5)	2.35	%		250		Calculation	09/01/06 16:34 / sec
Anions	30.6	meq/L		250		Calculation	09/01/06 16:34 / sec
Cations	32.0	meq/L		250		Calculation	09/01/06 16:34 / sec

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