



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081513-005
Client Sample ID: 8430606 (863)

Report Date: 09/29/06
Collection Date: 08/22/06 10:43
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 09:53 / th
Alkalinity, Total as CaCO3	196	mg/L		1		A2320 B	08/31/06 09:53 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 05:09 / wen
Calcium	200	mg/L		0.5		E200.7	09/11/06 17:30 / ts
Chloride	843	mg/L		1		A4500-Cl B	08/31/06 17:03 / jl
Fluoride	0.6	mg/L		0.1		A4500-F C	08/31/06 07:19 / th
Magnesium	78.6	mg/L		0.5		E200.7	09/11/06 17:30 / ts
Nitrogen, Nitrate+Nitrite as N	4.8	mg/L	D	0.2		E353.2	08/31/06 14:48 / jal
Potassium	22.2	mg/L		0.5		E200.7	09/11/06 17:30 / ts
Silica	46.6	mg/L		0.1		E200.7	09/11/06 17:30 / ts
Sodium	430	mg/L		0.5		E200.7	09/11/06 17:30 / ts
Sulfate	313	mg/L	D	3		A4500-SO4 E	09/11/06 12:42 / bmm
NON-METALS							
Iodide	ND	mg/L		0.10		E300.0	09/11/06 21:31 / eli-b
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Antimony	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Arsenic	6	ug/L		1		E200.8	09/05/06 14:31 / bws
Barium	40	ug/L		1		E200.8	09/05/06 14:31 / bws
Beryllium	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Boron	1800	ug/L		100		E200.7	09/11/06 17:30 / ts
Cadmium	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Chromium	4	ug/L		1		E200.8	09/05/06 14:31 / bws
Cobalt	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Copper	1	ug/L		1		E200.8	09/05/06 14:31 / bws
Iron	ND	ug/L		30		E200.7	09/11/06 17:30 / ts
Lead	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Lithium	100	ug/L		1		E200.8	09/11/06 11:06 / bws
Manganese	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Molybdenum	2	ug/L		1		E200.8	09/05/06 14:31 / bws
Selenium	15	ug/L		1		E200.8	09/05/06 14:31 / bws
Strontium	3370	ug/L		1		E200.8	09/05/06 14:31 / bws
Thallium	ND	ug/L		1		E200.8	09/05/06 14:31 / bws
Vanadium	37	ug/L		1		E200.8	09/05/06 14:31 / bws
Zinc	34	ug/L		1		E200.8	09/05/06 14:31 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	16.6	pCi/L		1.0		E900.0	09/15/06 08:57 / rs
Gross Alpha precision (±)	2.4	pCi/L				E900.0	09/15/06 08:57 / rs

Report RL - Analyte reporting limit.

Definitions: 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	1.6	pCi/L		1.0		RA-05	09/14/06 16:24 / pj
Radium 228 precision (±)	0.8	pCi/L				RA-05	09/14/06 16:24 / pj
Uranium 234	6.8	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 234 precision (±)	1.1	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	3.1	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 238 precision (±)	0.8	pCi/L				E907.0	09/15/06 15:00 / df
DATA QUALITY							
A/C Balance (± 5)	1.59	%		250		Calculation	09/13/06 11:24 / cp
Anions	34.6	meq/L		250		Calculation	09/13/06 11:24 / cp
Cations	35.7	meq/L		250		Calculation	09/13/06 11:24 / cp

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MCL - Maximum contaminant level.
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