



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081513-002
Client Sample ID: 8411605 (860)

Report Date: 09/29/06
Collection Date: 08/21/06 13:12
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 09:48 / th
Alkalinity, Total as CaCO3	175	mg/L		1		A2320 B	08/31/06 09:48 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 04:07 / wen
Calcium	35.3	mg/L		0.5		E200.7	09/11/06 17:14 / ts
Chloride	387	mg/L		1		A4500-Cl B	08/31/06 16:59 / jl
Fluoride	1.0	mg/L		0.1		A4500-F C	08/31/06 07:12 / th
Magnesium	19.0	mg/L		0.5		E200.7	09/11/06 17:14 / ts
Nitrogen, Nitrate+Nitrite as N	10.6	mg/L	D	0.2		E353.2	08/31/06 14:40 / jal
Potassium	21.6	mg/L		0.5		E200.7	09/11/06 17:14 / ts
Silica	51.6	mg/L		0.1		E200.7	09/11/06 17:14 / ts
Sodium	341	mg/L		0.5		E200.7	09/11/06 17:14 / ts
Sulfate	103	mg/L	D	1		A4500-SO4 E	09/11/06 11:54 / bmm
NON-METALS							
Iodide	ND	mg/L		0.10		E300.0	09/11/06 20:37 / eli-b
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Antimony	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Arsenic	43	ug/L		1		E200.8	09/05/06 14:08 / bws
Barium	62	ug/L		1		E200.8	09/05/06 14:08 / bws
Beryllium	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Boron	904	ug/L		100		E200.7	09/11/06 17:14 / ts
Cadmium	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Chromium	16	ug/L		1		E200.8	09/05/06 14:08 / bws
Cobalt	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Copper	1	ug/L		1		E200.8	09/05/06 14:08 / bws
Iron	ND	ug/L		30		E200.7	09/11/06 17:14 / ts
Lead	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Lithium	40	ug/L		1		E200.8	09/07/06 16:34 / bws
Manganese	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Molybdenum	5	ug/L		1		E200.8	09/05/06 14:08 / bws
Selenium	7	ug/L		1		E200.8	09/05/06 14:08 / bws
Strontium	533	ug/L		1		E200.8	09/05/06 14:08 / bws
Thallium	ND	ug/L		1		E200.8	09/05/06 14:08 / bws
Vanadium	94	ug/L		1		E200.8	09/05/06 14:08 / bws
Zinc	10	ug/L		1		E200.8	09/05/06 14:08 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	15.0	pCi/L		1.0		E900.0	09/15/06 08:57 / rs
Gross Alpha precision (±)	1.6	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.



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081513-002
Client Sample ID: 8411605 (860)

Report Date: 09/29/06
Collection Date: 08/21/06 13:12
Date Received: 08/30/06
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - DISSOLVED							
Radium 226	ND	pCi/L		0.2		E903.0	09/19/06 15:15 / trs
Radium 228	1.2	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	4.7	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 234 precision (±)	1.0	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	2.2	pCi/L		0.2		E907.0	09/15/06 15:00 / df
Uranium 238 precision (±)	0.7	pCi/L				E907.0	09/15/06 15:00 / df
DATA QUALITY							
A/C Balance (± 5)	3.75	%		250		Calculation	09/13/06 11:23 / cp
Anions	17.4	meq/L		250		Calculation	09/13/06 11:23 / cp
Cations	18.7	meq/L		250		Calculation	09/13/06 11:23 / cp

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

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