



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080514-005
Client Sample ID: 1346409 (472)

Report Date: 09/01/06
Collection Date: 08/08/06 16:10
Date Received: 08/10/06
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	08/14/06 15:00 / th
Alkalinity, Total as CaCO3	239	mg/L		1		A2320 B	08/11/06 16:50 / th
Bromide	ND	mg/L		0.50		E300.0	08/15/06 20:26 / wen
Calcium	67.2	mg/L		0.5		E200.7	08/18/06 16:52 / ts
Chloride	23	mg/L		1		A4500-Cl B	08/14/06 14:55 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	08/11/06 15:07 / th
Magnesium	21.6	mg/L		0.5		E200.7	08/18/06 16:52 / ts
Nitrogen, Nitrate+Nitrite as N	10.9	mg/L	D	0.3		E353.2	08/14/06 13:09 / jal
Potassium	3.1	mg/L		0.5		E200.7	08/18/06 16:52 / ts
Silica	23.7	mg/L		0.1		E200.7	08/18/06 16:52 / ts
Sodium	43.7	mg/L		0.5		E200.7	08/18/06 16:52 / ts
Sulfate	34	mg/L		1		A4500-SO4 E	08/23/06 11:02 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Antimony	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Arsenic	2	ug/L		1		E200.8	08/19/06 00:29 / bws
Barium	72	ug/L		1		E200.8	08/19/06 00:29 / bws
Beryllium	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Boron	184	ug/L		100		E200.7	08/18/06 16:52 / ts
Cadmium	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Chromium	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Cobalt	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Copper	1	ug/L		1		E200.8	08/19/06 00:29 / bws
Iron	ND	ug/L		30		E200.7	08/18/06 16:52 / ts
Lead	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Lithium	17	ug/L		1		E200.8	08/25/06 14:23 / bws
Manganese	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Molybdenum	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Selenium	2	ug/L		1		E200.8	08/19/06 00:29 / bws
Strontium	412	ug/L		1		E200.8	08/19/06 00:29 / bws
Thallium	ND	ug/L		1		E200.8	08/19/06 00:29 / bws
Uranium	2.0	ug/L		0.3		E200.8	08/19/06 00:29 / bws
Vanadium	8	ug/L		1		E200.8	08/19/06 00:29 / bws
Zinc	2	ug/L		1		E200.8	08/19/06 00:29 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	2.3	pCi/L		1.0		E900.0	08/25/06 07:07 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	08/25/06 07:07 / 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		
DATA QUALITY							
A/C Balance (± 5)	1.33	%		250		Calculation	08/24/06 10:08 / dab
Anions	6.92	meq/L		250		Calculation	08/24/06 10:08 / dab
Cations	7.11	meq/L		250		Calculation	08/24/06 10:08 / dab

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

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