



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080514-004
Client Sample ID: 1346128 (471)

Report Date: 09/01/06
Collection Date: 08/08/06 15:05
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 14:59 / th
Alkalinity, Total as CaCO3	214	mg/L		1		A2320 B	08/11/06 16:47 / th
Bromide	ND	mg/L		0.50		E300.0	08/15/06 20:13 / wen
Calcium	176	mg/L		0.5		E200.7	08/18/06 16:36 / ts
Chloride	442	mg/L		1		A4500-Cl B	08/14/06 14:54 / jl
Fluoride	0.4	mg/L		0.1		A4500-F C	08/11/06 15:06 / th
Magnesium	47.5	mg/L		0.5		E200.7	08/18/06 16:36 / ts
Nitrogen, Nitrate+Nitrite as N	21.9	mg/L	D	0.3		E353.2	08/14/06 13:07 / jal
Potassium	5.1	mg/L		0.5		E200.7	08/18/06 16:36 / ts
Silica	30.2	mg/L		0.1		E200.7	08/18/06 16:36 / ts
Sodium	151	mg/L		0.5		E200.7	08/18/06 16:36 / ts
Sulfate	27	mg/L		1		A4500-SO4 E	08/23/06 11:01 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Antimony	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Arsenic	1	ug/L		1		E200.8	08/19/06 00:22 / bws
Barium	624	ug/L		1		E200.8	08/19/06 00:22 / bws
Beryllium	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Boron	ND	ug/L		100		E200.7	08/18/06 16:36 / ts
Cadmium	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Chromium	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Cobalt	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Copper	1	ug/L		1		E200.8	08/19/06 00:22 / bws
Iron	ND	ug/L		30		E200.7	08/18/06 16:36 / ts
Lead	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Lithium	18	ug/L		1		E200.8	08/25/06 14:20 / bws
Manganese	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Molybdenum	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Selenium	5	ug/L		1		E200.8	08/19/06 00:22 / bws
Strontium	2210	ug/L		1		E200.8	08/19/06 00:22 / bws
Thallium	ND	ug/L		1		E200.8	08/19/06 00:22 / bws
Uranium	3.5	ug/L		0.3		E200.8	08/19/06 00:22 / bws
Vanadium	1	ug/L		1		E200.8	08/19/06 00:22 / bws
Zinc	6	ug/L		1		E200.8	08/19/06 00:22 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	2.5	pCi/L		1.0		E900.0	08/29/06 07:43 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	08/29/06 07:43 / 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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DATA QUALITY							
A/C Balance (± 5)	1.24	%		250		Calculation	08/24/06 10:07 / dab
Anions	18.9	meq/L		250		Calculation	08/24/06 10:07 / dab
Cations	19.4	meq/L		250		Calculation	08/24/06 10:07 / dab

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