



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080712-003
Client Sample ID: 1361647 (475)

Report Date: 09/19/06
Collection Date: 08/09/06 11:48
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 14:49 / th
Alkalinity, Total as CaCO3	156	mg/L		1		A2320 B	08/17/06 14:49 / th
Bromide	ND	mg/L		0.50		E300.0	08/31/06 17:06 / wen
Calcium	84.1	mg/L		0.5		E200.7	08/25/06 15:06 / ts
Chloride	123	mg/L		1		A4500-Cl B	08/16/06 15:05 / jl
Fluoride	0.5	mg/L		0.1		A4500-F C	08/16/06 14:04 / th
Magnesium	25.1	mg/L		0.5		E200.7	08/25/06 15:06 / ts
Nitrogen, Nitrate+Nitrite as N	5.9	mg/L		0.1		E353.2	08/16/06 11:43 / jal
Potassium	2.3	mg/L		0.5		E200.7	08/25/06 15:06 / ts
Silica	22.8	mg/L		0.1		E200.7	08/25/06 15:06 / ts
Sodium	38.2	mg/L		0.5		E200.7	08/25/06 15:06 / ts
Sulfate	12	mg/L		1		A4500-SO4 E	08/25/06 13:57 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Antimony	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Arsenic	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Barium	222	ug/L		1		E200.8	08/19/06 10:29 / bws
Beryllium	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Boron	ND	ug/L		100		E200.7	08/25/06 15:06 / ts
Cadmium	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Chromium	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Cobalt	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Copper	17	ug/L		1		E200.8	08/19/06 10:29 / bws
Iron	ND	ug/L		30		E200.7	08/25/06 15:06 / ts
Lead	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Lithium	12	ug/L		1		E200.8	08/26/06 13:15 / bws
Manganese	5	ug/L		1		E200.8	08/19/06 10:29 / bws
Molybdenum	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Selenium	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Strontium	424	ug/L		1		E200.8	08/19/06 10:29 / bws
Thallium	ND	ug/L		1		E200.8	08/19/06 10:29 / bws
Uranium	1.2	ug/L		0.3		E200.8	08/19/06 10:29 / bws
Vanadium	3	ug/L		1		E200.8	08/19/06 10:29 / bws
Zinc	17	ug/L		1		E200.8	08/19/06 10:29 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	1.1	pCi/L		1.0		E900.0	08/27/06 23:59 / rs
Gross Alpha precision (±)	0.6	pCi/L				E900.0	08/27/06 23:59 / rs

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

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



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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
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DATA QUALITY							
A/C Balance (± 5)	4.62	%		250		Calculation	08/30/06 12:06 / cp
Anions	7.28	meq/L		250		Calculation	08/30/06 12:06 / cp
Cations	7.99	meq/L		250		Calculation	08/30/06 12:06 / cp

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