



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070951-003
Client Sample ID: 1056203 (2617)

Report Date: 08/09/06
Collection Date: 07/20/06 09:15
Date Received: 07/21/06
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	07/24/06 13:56 / th
Alkalinity, Total as CaCO3	230	mg/L		1		A2320 B	07/24/06 13:56 / th
Bromide	ND	mg/L		0.50		E300.0	07/26/06 17:06 / wen
Calcium	45.7	mg/L		0.5		E200.7	08/01/06 16:25 / ts
Chloride	22	mg/L		1		A4500-Cl B	07/25/06 14:09 / jl
Fluoride	2.3	mg/L		0.1		A4500-F C	07/24/06 12:26 / th
Magnesium	28.0	mg/L		0.5		E200.7	08/01/06 16:25 / ts
Nitrogen, Nitrate+Nitrite as N	2.0	mg/L		0.1		E353.2	07/25/06 12:01 / jal
Potassium	6.7	mg/L		0.5		E200.7	08/01/06 16:25 / ts
Silica	42.6	mg/L		0.1		E200.7	08/01/06 16:25 / ts
Sodium	38.3	mg/L		0.5		E200.7	08/01/06 16:25 / ts
Sulfate	29	mg/L		1		A4500-SO4 E	07/24/06 12:29 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Antimony	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Arsenic	4	ug/L		1		E200.8	07/24/06 22:03 / bws
Barium	123	ug/L		1		E200.8	07/24/06 22:03 / bws
Beryllium	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Boron	159	ug/L		100		E200.7	08/01/06 16:25 / ts
Cadmium	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Chromium	1	ug/L		1		E200.8	07/24/06 22:03 / bws
Cobalt	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Copper	4	ug/L		1		E200.8	07/24/06 22:03 / bws
Iron	ND	ug/L		30		E200.7	08/01/06 16:25 / ts
Lead	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Lithium	81	ug/L		1		E200.8	07/24/06 15:00 / bws
Manganese	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Molybdenum	3	ug/L		1		E200.8	07/24/06 22:03 / bws
Selenium	4	ug/L		1		E200.8	07/24/06 22:03 / bws
Strontium	881	ug/L		1		E200.8	07/24/06 22:03 / bws
Thallium	ND	ug/L		1		E200.8	07/24/06 22:03 / bws
Uranium	6.6	ug/L		0.3		E200.8	07/24/06 22:03 / bws
Vanadium	18	ug/L		1		E200.8	07/24/06 22:03 / bws
Zinc	3	ug/L		1		E200.8	07/24/06 22:03 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	5.4	pCi/L		1.0		E900.0	08/06/06 23:39 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/06/06 23:39 / 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
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	2.80	%		250		Calculation	08/02/06 12:44 / cp
Anions	6.08	meq/L		250		Calculation	08/02/06 12:44 / cp
Cations	6.43	meq/L		250		Calculation	08/02/06 12:44 / cp

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