



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070722-001
Client Sample ID: 1141602 (2611)

Report Date: 08/02/06
Collection Date: 07/11/06 13:15
Date Received: 07/18/06
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	07/21/06 09:25 / th
Alkalinity, Total as CaCO3	250	mg/L		1		A2320 B	07/21/06 09:25 / th
Bromide	ND	mg/L		0.50		E300.0	07/26/06 15:47 / wen
Calcium	73.5	mg/L		0.5		E200.7	07/25/06 18:59 / ts
Chloride	81	mg/L		1		A4500-Cl B	07/21/06 14:15 / jl
Fluoride	1.7	mg/L		0.1		A4500-F C	07/21/06 09:05 / th
Magnesium	45.0	mg/L		0.5		E200.7	07/25/06 18:59 / ts
Nitrogen, Nitrate+Nitrite as N	6.1	mg/L	D	0.2		E353.2	07/25/06 10:16 / jal
Potassium	7.7	mg/L		0.5		E200.7	07/31/06 15:29 / ts
Silica	41.3	mg/L		0.1		E200.7	07/25/06 18:59 / ts
Sodium	40.2	mg/L		0.5		E200.7	07/25/06 18:59 / ts
Sulfate	76	mg/L		1		A4500-SO4 E	07/19/06 14:58 / bm
METALS - DISSOLVED							
Aluminum	9	ug/L		1		E200.8	07/19/06 14:36 / bws
Antimony	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Arsenic	2	ug/L		1		E200.8	07/19/06 14:36 / bws
Barium	88	ug/L		1		E200.8	07/19/06 14:36 / bws
Beryllium	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Boron	197	ug/L		100		E200.7	07/25/06 18:59 / ts
Cadmium	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Chromium	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Cobalt	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Copper	3	ug/L		1		E200.8	07/19/06 14:36 / bws
Iron	ND	ug/L		30		E200.7	07/25/06 18:59 / ts
Lead	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Lithium	76	ug/L		1		E200.8	07/24/06 14:22 / bws
Manganese	487	ug/L		1		E200.8	07/19/06 14:36 / bws
Molybdenum	4	ug/L		1		E200.8	07/19/06 14:36 / bws
Selenium	6	ug/L		1		E200.8	07/19/06 14:36 / bws
Strontium	1420	ug/L		1		E200.8	07/19/06 14:36 / bws
Thallium	ND	ug/L		1		E200.8	07/19/06 14:36 / bws
Uranium	8.2	ug/L		0.3		E200.8	07/19/06 14:36 / bws
Vanadium	12	ug/L		1		E200.8	07/19/06 14:36 / bws
Zinc	3	ug/L		1		E200.8	07/19/06 14:36 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	7.6	pCi/L		1.0		E900.0	07/29/06 23:34 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/29/06 23:34 / 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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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	1.24	%		250		Calculation	07/31/06 12:21 / cp
Anions	9.39	meq/L		250		Calculation	07/31/06 12:21 / cp
Cations	9.16	meq/L		250		Calculation	07/31/06 12:21 / cp

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

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