



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06071229-010
Client Sample ID: 1205911 (2091)

Report Date: 08/17/06
Collection Date: 07/26/06 11:33
Date Received: 07/27/06
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	08/10/06 15:02 / th
Alkalinity, Total as CaCO3	222	mg/L		1		A2320 B	08/10/06 15:02 / th
Bromide	ND	mg/L		0.50		E300.0	08/03/06 16:21 / wen
Calcium	84.0	mg/L		0.5		E200.7	08/03/06 16:23 / ts
Chloride	4	mg/L		1		A4500-Cl B	07/28/06 13:33 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	07/28/06 15:42 / th
Magnesium	15.0	mg/L		0.5		E200.7	08/03/06 16:23 / ts
Nitrogen, Nitrate+Nitrite as N	11.9	mg/L	D	0.2		E353.2	07/28/06 12:09 / jal
Potassium	1.0	mg/L		0.5		E200.7	08/03/06 16:23 / ts
Silica	31.1	mg/L		0.1		E200.7	08/03/06 16:23 / ts
Sodium	14.5	mg/L		0.5		E200.7	08/03/06 16:23 / ts
Sulfate	ND	mg/L		1		A4500-SO4 E	07/31/06 17:37 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Antimony	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Arsenic	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Barium	280	ug/L		1		E200.8	07/28/06 17:15 / sml
Beryllium	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Boron	ND	ug/L		100		E200.7	08/03/06 16:23 / ts
Cadmium	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Chromium	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Cobalt	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Copper	4	ug/L		1		E200.8	07/28/06 17:15 / sml
Iron	ND	ug/L		30		E200.7	08/03/06 16:23 / ts
Lead	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Lithium	11	ug/L		1		E200.8	08/04/06 13:34 / bws
Manganese	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Molybdenum	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Selenium	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Strontium	201	ug/L		1		E200.8	07/28/06 17:15 / sml
Thallium	ND	ug/L		1		E200.8	07/28/06 17:15 / sml
Uranium	0.9	ug/L		0.3		E200.8	07/28/06 17:15 / sml
Vanadium	6	ug/L		1		E200.8	07/28/06 17:15 / sml
Zinc	3	ug/L		1		E200.8	07/28/06 17:15 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	ND	pCi/L		1.0		E900.0	08/13/06 02:28 / rs
DATA QUALITY							
A/C Balance (± 5)	2.62	%		250		Calculation	08/11/06 15:47 / cp

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							
Anions	5.77	meq/L		250		Calculation	08/11/06 15:47 / cp
Cations	6.09	meq/L		250		Calculation	08/11/06 15:47 / cp

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

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