



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06071229-007
Client Sample ID: 1219513 (2088)

Report Date: 08/17/06
Collection Date: 07/25/06 18:27
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	07/28/06 11:56 / th
Alkalinity, Total as CaCO3	205	mg/L		1		A2320 B	07/28/06 11:56 / th
Bromide	ND	mg/L		0.50		E300.0	08/03/06 15:45 / wen
Calcium	279	mg/L	D	0.6		E200.7	08/07/06 18:39 / ts
Chloride	37	mg/L		1		A4500-Cl B	07/28/06 13:29 / jl
Fluoride	0.6	mg/L		0.1		A4500-F C	07/28/06 15:36 / th
Magnesium	80.5	mg/L		0.5		E200.7	08/03/06 16:13 / ts
Nitrogen, Nitrate+Nitrite as N	0.9	mg/L		0.1		E353.2	07/28/06 11:54 / jal
Potassium	1.0	mg/L		0.5		E200.7	08/03/06 16:13 / ts
Silica	32.6	mg/L	D	0.8		E200.7	08/07/06 18:39 / ts
Sodium	40.2	mg/L		0.5		E200.7	08/03/06 16:13 / ts
Sulfate	878	mg/L	D	10		A4500-SO4 E	07/31/06 17:34 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Antimony	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Arsenic	3	ug/L		1		E200.8	07/28/06 15:28 / sml
Barium	14	ug/L		1		E200.8	07/28/06 15:28 / sml
Beryllium	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Boron	139	ug/L		100		E200.7	08/03/06 16:13 / ts
Cadmium	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Chromium	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Cobalt	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Copper	1	ug/L		1		E200.8	07/28/06 15:28 / sml
Iron	80	ug/L		30		E200.7	08/03/06 16:13 / ts
Lead	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Lithium	50	ug/L		1		E200.8	08/04/06 13:00 / bws
Manganese	2	ug/L		1		E200.8	07/28/06 15:28 / sml
Molybdenum	3	ug/L		1		E200.8	07/28/06 15:28 / sml
Selenium	1	ug/L		1		E200.8	07/28/06 15:28 / sml
Strontium	3190	ug/L		1		E200.8	07/28/06 15:28 / sml
Thallium	ND	ug/L		1		E200.8	07/28/06 15:28 / sml
Uranium	4.0	ug/L		0.3		E200.8	07/28/06 15:28 / sml
Vanadium	10	ug/L		1		E200.8	07/28/06 15:28 / sml
Zinc	3	ug/L		1		E200.8	07/28/06 15:28 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	ND	pCi/L		1.0		E900.0	08/13/06 02:28 / rs
DATA QUALITY							
A/C Balance (± 5)	2.59	%		250		Calculation	08/09/06 12:00 / 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	23.5	meq/L		250		Calculation	08/09/06 12:00 / cp
Cations	22.3	meq/L		250		Calculation	08/09/06 12:00 / cp

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

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