



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06040541-007
Client Sample ID: 8501301

Report Date: 04/28/06
Collection Date: 04/11/06 10:40
Date Received: 04/13/06
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	15.3	mg/L		1		A2320 B	04/13/06 14:59 / th
Alkalinity, Total as CaCO3	305	mg/L		1		A2320 B	04/13/06 14:59 / th
Bromide	ND	mg/L			0.50	E300.0	04/20/06 17:14 / wen
Calcium	2.2	mg/L			0.5	E200.7	04/24/06 18:02 / cp
Chloride	500	mg/L		1		A4500-Cl B	04/18/06 13:42 / jl
Fluoride	0.9	mg/L			0.1	A4500-F C	04/14/06 11:54 / th
Magnesium	0.6	mg/L			0.5	E200.7	04/24/06 18:02 / cp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L			0.1	E353.2	04/13/06 13:32 / jal
Potassium	2.7	mg/L			0.5	E200.7	04/24/06 18:02 / cp
Silica	14.2	mg/L			0.1	E200.7	04/24/06 18:02 / cp
Sodium	588	mg/L			0.5	E200.7	04/24/06 18:02 / cp
Sulfate	182	mg/L	D		6	A4500-SO4 E	04/14/06 13:37 / th
METALS - DISSOLVED							
Aluminum	4	ug/L			1	E200.8	04/14/06 13:56 / sml
Antimony	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Arsenic	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Barium	235	ug/L			1	E200.8	04/14/06 13:56 / sml
Beryllium	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Boron	938	ug/L			100	E200.7	04/24/06 18:02 / cp
Cadmium	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Chromium	3	ug/L			1	E200.8	04/14/06 13:56 / sml
Cobalt	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Copper	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Iron	140	ug/L			30	E200.7	04/24/06 18:02 / cp
Lead	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Lithium	47	ug/L			1	E200.8	04/14/06 15:33 / bws
Manganese	13	ug/L			1	E200.8	04/14/06 13:56 / sml
Molybdenum	3	ug/L			1	E200.8	04/14/06 13:56 / sml
Selenium	2	ug/L			1	E200.8	04/14/06 13:56 / sml
Strontium	374	ug/L			1	E200.8	04/14/06 13:56 / sml
Thallium	ND	ug/L			1	E200.8	04/14/06 13:56 / sml
Vanadium	1	ug/L			1	E200.8	04/14/06 13:56 / sml
Zinc	3	ug/L			1	E200.8	04/14/06 13:56 / sml
DATA QUALITY							
A/C Balance (± 5)	3.54	%			250	Calculation	04/26/06 16:03 / cp
Anions	24.0	meq/L			250	Calculation	04/26/06 16:03 / cp
Cations	25.8	meq/L			250	Calculation	04/26/06 16:03 / 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.