



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07070958-004
Client Sample ID: 1845201

Report Date: 08/10/07
Collection Date: 07/11/07 08:48
Date Received: 07/20/07
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	23	mg/L		1		A2320 B	07/25/07 11:56 / bas
Alkalinity, Total as CaCO3	576	mg/L		1		A2320 B	07/25/07 11:56 / bas
Bromide	ND	mg/L		0.50		E300.0	07/27/07 06:37 / bt
Calcium	1.0	mg/L		0.5		E200.7	07/30/07 18:47 / ts
Chloride	25	mg/L		1		A4500-Cl B	07/24/07 15:20 / jl
Fluoride	2.3	mg/L		0.1		A4500-F C	07/26/07 15:30 / bas
Magnesium	ND	mg/L		0.5		E200.7	07/30/07 18:47 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/23/07 12:03 / jal
Potassium	1.2	mg/L		0.5		E200.7	07/30/07 18:47 / ts
Silica	15.3	mg/L		0.1		E200.7	07/30/07 18:47 / ts
Sodium	311	mg/L		0.5		E200.7	07/30/07 18:47 / ts
Sulfate	88	mg/L	D	2		A4500-SO4 E	07/23/07 10:50 / zd
METALS - DISSOLVED							
Aluminum	9	ug/L		1		E200.8	08/04/07 02:27 / sml
Antimony	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Arsenic	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Barium	6	ug/L		1		E200.8	08/04/07 02:27 / sml
Beryllium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Boron	1400	ug/L		100		E200.7	07/30/07 18:47 / ts
Cadmium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Chromium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Cobalt	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Copper	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Iron	ND	ug/L		30		E200.7	07/30/07 18:47 / ts
Lead	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Lithium	28	ug/L		1		E200.8	07/24/07 19:51 / sml
Manganese	ND	ug/L		1		E200.7	07/30/07 18:47 / ts
Molybdenum	1	ug/L		1		E200.8	08/04/07 02:27 / sml
Selenium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Strontium	82	ug/L		1		E200.8	08/04/07 02:27 / sml
Thallium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Vanadium	ND	ug/L		1		E200.8	08/04/07 02:27 / sml
Zinc	1	ug/L		1		E200.8	08/04/07 02:27 / sml
DATA QUALITY							
A/C Balance (± 5)	2.02	%		250		Calculation	08/06/07 10:32 / bws
Anions	14.2	meq/L		250		Calculation	08/06/07 10:32 / bws
Cations	13.6	meq/L		250		Calculation	08/06/07 10:32 / bws

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.