



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07070695-012
Client Sample ID: 3237802

Report Date: 08/02/07
Collection Date: 07/12/07 07:30
Date Received: 07/17/07
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	25	mg/L		1		A2320 B	07/23/07 08:37 / bas
Alkalinity, Total as CaCO3	383	mg/L		1		A2320 B	07/23/07 08:37 / bas
Bromide	ND	mg/L		0.50		E300.0	07/26/07 20:51 / bt
Calcium	0.8	mg/L		0.5		E200.7	07/26/07 14:22 / cp
Chloride	14	mg/L		1		A4500-Cl B	07/18/07 14:11 / jl
Fluoride	0.6	mg/L		0.1		A4500-F C	07/23/07 12:53 / bas
Magnesium	ND	mg/L		0.5		E200.7	07/26/07 14:22 / cp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/19/07 12:49 / jal
Potassium	0.9	mg/L		0.5		E200.7	07/26/07 14:22 / cp
Silica	12.4	mg/L		0.1		E200.7	07/26/07 14:22 / cp
Sodium	190	mg/L	D	0.8		E200.7	07/26/07 14:22 / cp
Sulfate	38	mg/L		1		A4500-SO4 E	07/17/07 14:34 / zd
METALS - DISSOLVED							
Aluminum	5	ug/L		1		E200.8	07/30/07 07:07 / bws
Antimony	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Arsenic	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Barium	2	ug/L		1		E200.8	07/30/07 07:07 / bws
Beryllium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Boron	411	ug/L		100		E200.7	07/26/07 14:22 / cp
Cadmium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Chromium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Cobalt	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Copper	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Iron	ND	ug/L		30		E200.7	07/26/07 14:22 / cp
Lead	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Lithium	20	ug/L		1		E200.8	07/24/07 13:55 / sml
Manganese	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Molybdenum	1	ug/L		1		E200.8	07/30/07 07:07 / bws
Selenium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Strontium	71	ug/L		1		E200.8	07/30/07 07:07 / bws
Thallium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Vanadium	ND	ug/L		1		E200.8	07/30/07 07:07 / bws
Zinc	2	ug/L		1		E200.8	07/30/07 07:07 / bws
DATA QUALITY							
A/C Balance (± 5)	3.25	%		250		Calculation	07/30/07 14:14 / bws
Anions	8.89	meq/L		250		Calculation	07/30/07 14:14 / bws
Cations	8.33	meq/L		250		Calculation	07/30/07 14:14 / 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.