



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB Groundwater Quality Monitoring Samples
Lab ID: C07030793-007
Client Sample ID: 1849712 (8224)

Report Date:
Collection Date: 03/14/07 09:30
Date Received: 03/16/07
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	34	mg/L		1		A2320 B	03/19/07 12:43 / jaj
Alkalinity, Total as CaCO3	456	mg/L		1		A2320 B	03/19/07 12:43 / jaj
Bromide	ND	mg/L		0.50		E300.0	03/19/07 22:31 / sc
Calcium	1.1	mg/L		0.5		E200.7	03/20/07 18:22 / ts
Chloride	19	mg/L		1		A4500-Cl B	03/19/07 15:11 / jl
Fluoride	1.3	mg/L		0.1		A4500-F C	03/17/07 09:26 / jaj
Magnesium	ND	mg/L		0.5		E200.7	03/20/07 18:22 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/19/07 12:04 / jal
Potassium	1.6	mg/L		0.5		E200.7	03/20/07 18:22 / ts
Silica	11.6	mg/L		0.1		E200.7	03/20/07 18:22 / ts
Sodium	259	mg/L		0.5		E200.7	03/20/07 18:22 / ts
Sulfate	99	mg/L	D	1		A4500-SO4 E	03/19/07 14:36 / ljl
METALS - DISSOLVED							
Aluminum	4	ug/L		1		E200.8	03/20/07 08:42 / bas
Antimony	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Arsenic	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Barium	5	ug/L		1		E200.8	03/24/07 00:14 / bas
Beryllium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Boron	724	ug/L		100		E200.7	03/20/07 18:22 / ts
Cadmium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Chromium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Cobalt	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Copper	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Iron	ND	ug/L		30		E200.7	03/20/07 18:22 / ts
Lead	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Lithium	29	ug/L		1		E200.8	03/19/07 17:20 / sml
Manganese	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Molybdenum	1	ug/L		1		E200.8	03/20/07 08:42 / bas
Selenium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Strontium	79	ug/L		1		E200.8	03/20/07 08:42 / bas
Thallium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Vanadium	ND	ug/L		1		E200.8	03/20/07 08:42 / bas
Zinc	4	ug/L		1		E200.8	03/20/07 08:42 / bas
DATA QUALITY							
A/C Balance (± 5)	1.73	%		250		Calculation	03/21/07 14:32 / bws
Anions	11.8	meq/L		250		Calculation	03/21/07 14:32 / bws
Cations	11.4	meq/L		250		Calculation	03/21/07 14:32 / 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.