



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06091329-001
Client Sample ID: 3218105 (8201)

Report Date: 10/20/06
Collection Date: 09/25/06 14:46
Date Received: 09/29/06
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	10/09/06 13:09 / bmm
Alkalinity, Total as CaCO3	337	mg/L		1		A2320 B	10/09/06 13:09 / bmm
Bromide	ND	mg/L		0.50		E300.0	10/04/06 15:40 / bt
Calcium	90.6	mg/L		0.5		E200.7	10/11/06 15:34 / ts
Chloride	43	mg/L		1		A4500-Cl B	09/29/06 14:20 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	10/16/06 16:52 / bmm
Magnesium	36.6	mg/L		0.5		E200.7	10/11/06 15:34 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/02/06 09:00 / jal
Potassium	3.1	mg/L		0.5		E200.7	10/11/06 15:34 / ts
Silica	16.7	mg/L		0.1		E200.7	10/11/06 15:34 / ts
Sodium	52.9	mg/L		0.5		E200.7	10/11/06 15:34 / ts
Sulfate	78	mg/L	D	1		A4500-SO4 E	09/29/06 14:36 / jal
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Antimony	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Arsenic	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Barium	81	ug/L		1		E200.8	10/11/06 05:59 / bws
Beryllium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Boron	150	ug/L		100		E200.7	10/11/06 15:34 / ts
Cadmium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Chromium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Cobalt	1	ug/L		1		E200.8	10/11/06 05:59 / bws
Copper	3	ug/L		1		E200.8	10/11/06 05:59 / bws
Iron	84	ug/L		30		E200.7	10/11/06 15:34 / ts
Lead	1	ug/L		1		E200.8	10/11/06 05:59 / bws
Lithium	15	ug/L		1		E200.8	10/02/06 11:46 / bws
Manganese	11	ug/L		1		E200.8	10/11/06 05:59 / bws
Molybdenum	1	ug/L		1		E200.8	10/11/06 05:59 / bws
Selenium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Strontium	2160	ug/L		1		E200.8	10/11/06 05:59 / bws
Thallium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Vanadium	ND	ug/L		1		E200.8	10/11/06 05:59 / bws
Zinc	40	ug/L		1		E200.8	10/11/06 05:59 / bws
DATA QUALITY							
A/C Balance (± 5)	1.83	%		250		Calculation	10/16/06 15:01 / cp
Anions	9.56	meq/L		250		Calculation	10/16/06 15:01 / cp
Cations	9.92	meq/L		250		Calculation	10/16/06 15:01 / 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.