



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06080514-002
Client Sample ID: 1362161 (469)

Report Date: 09/01/06
Collection Date: 08/08/06 11:00
Date Received: 08/10/06
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	08/14/06 14:56 / th
Alkalinity, Total as CaCO3	330	mg/L		1		A2320 B	08/11/06 16:41 / th
Bromide	ND	mg/L		0.50		E300.0	08/15/06 19:48 / wen
Calcium	83.8	mg/L		0.5		E200.7	08/18/06 13:34 / ts
Chloride	45	mg/L		1		A4500-Cl B	08/14/06 14:49 / jl
Fluoride	1.3	mg/L		0.1		A4500-F C	08/11/06 15:05 / th
Magnesium	50.0	mg/L		0.5		E200.7	08/18/06 13:34 / ts
Nitrogen, Nitrate+Nitrite as N	21.4	mg/L	D	0.3		E353.2	08/14/06 13:02 / jal
Potassium	2.5	mg/L		0.5		E200.7	08/18/06 13:34 / ts
Silica	25.6	mg/L		0.1		E200.7	08/18/06 13:34 / ts
Sodium	76.8	mg/L		0.5		E200.7	08/18/06 13:34 / ts
Sulfate	90	mg/L	D	3		A4500-SO4 E	08/23/06 10:51 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Antimony	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Arsenic	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Barium	98	ug/L		1		E200.8	08/18/06 23:37 / bws
Beryllium	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Boron	206	ug/L		100		E200.7	08/18/06 13:34 / ts
Cadmium	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Chromium	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Cobalt	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Copper	23	ug/L		1		E200.8	08/18/06 23:37 / bws
Iron	ND	ug/L		30		E200.7	08/18/06 13:34 / ts
Lead	11	ug/L		1		E200.8	08/18/06 23:37 / bws
Lithium	40	ug/L		1		E200.8	08/25/06 14:13 / bws
Manganese	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Molybdenum	2	ug/L		1		E200.8	08/18/06 23:37 / bws
Selenium	5	ug/L		1		E200.8	08/18/06 23:37 / bws
Strontium	1240	ug/L		1		E200.8	08/18/06 23:37 / bws
Thallium	ND	ug/L		1		E200.8	08/18/06 23:37 / bws
Uranium	12.6	ug/L		0.3		E200.8	08/18/06 23:37 / bws
Vanadium	18	ug/L		1		E200.8	08/18/06 23:37 / bws
Zinc	17	ug/L		1		E200.8	08/18/06 23:37 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	8.2	pCi/L		1.0		E900.0	08/25/06 07:07 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	08/25/06 07:07 / rs

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.



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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	1.55	%		250		Calculation	08/24/06 10:05 / dab
Anions	11.3	meq/L		250		Calculation	08/24/06 10:05 / dab
Cations	11.7	meq/L		250		Calculation	08/24/06 10:05 / dab

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.