



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06070626-002
Client Sample ID: 1360420 (2080)

Report Date: 08/02/06
Collection Date: 07/13/06 09:27
Date Received: 07/14/06
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	07/19/06 12:27 / th
Alkalinity, Total as CaCO3	256	mg/L		1		A2320 B	07/19/06 12:27 / th
Bromide	ND	mg/L	D	6.0		E300.0	07/19/06 12:54 / wen
Calcium	440	mg/L	D	0.6		E200.7	07/25/06 18:56 / ts
Chloride	1110	mg/L		1		A4500-Cl B	07/21/06 13:26 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	07/17/06 13:12 / th
Magnesium	192	mg/L	D	0.5		E200.7	07/25/06 18:56 / ts
Nitrogen, Nitrate+Nitrite as N	0.2	mg/L		0.1		E353.2	07/17/06 10:35 / jal
Potassium	5.2	mg/L		0.5		E200.7	07/19/06 22:50 / ts
Silica	16.3	mg/L		0.1		E200.7	07/19/06 22:50 / ts
Sodium	383	mg/L		0.5		E200.7	07/19/06 22:50 / ts
Sulfate	905	mg/L	D	10		A4500-SO4 E	07/18/06 16:24 / bm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Antimony	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Arsenic	4	ug/L		1		E200.8	07/17/06 23:28 / bws
Barium	21	ug/L		1		E200.8	07/17/06 23:28 / bws
Beryllium	ND	ug/L		1		E200.8	07/19/06 04:41 / bws
Boron	732	ug/L		100		E200.7	07/19/06 22:50 / ts
Cadmium	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Chromium	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Cobalt	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Copper	5	ug/L		1		E200.8	07/17/06 23:28 / bws
Iron	703	ug/L		30		E200.7	07/19/06 22:50 / ts
Lead	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Lithium	85	ug/L		1		E200.8	07/24/06 12:15 / bws
Manganese	8	ug/L		1		E200.8	07/17/06 23:28 / bws
Molybdenum	3	ug/L		1		E200.8	07/19/06 04:41 / bws
Selenium	10	ug/L		1		E200.8	07/17/06 23:28 / bws
Strontium	6730	ug/L		1		E200.8	07/17/06 23:28 / bws
Thallium	ND	ug/L		1		E200.8	07/17/06 23:28 / bws
Uranium	18.1	ug/L		0.3		E200.8	07/17/06 23:28 / bws
Vanadium	5	ug/L		1		E200.8	07/17/06 23:28 / bws
Zinc	52	ug/L		1		E200.8	07/17/06 23:28 / bws
RADIONUCLIDES - DISSOLVED							
Gross Alpha	19.3	pCi/L		1.0		E900.0	07/28/06 07:52 / rs
Gross Alpha precision (±)	3.2	pCi/L				E900.0	07/28/06 07:52 / 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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				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	0.560	%		250		Calculation	07/26/06 11:41 / cp
Anions	55.2	meq/L		250		Calculation	07/26/06 11:41 / cp
Cations	54.6	meq/L		250		Calculation	07/26/06 11:41 / cp

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

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