



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05100947-006
Client Sample ID: 8756604

Report Date: 11/21/05
Collection Date: 10/20/05 10:08
Date Received: 10/22/05
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	10/24/05 11:00 / th
Alkalinity, Total as CaCO3	225	mg/L		1		A2320 B	10/24/05 11:00 / th
Bromide	3.14	mg/L	D	0.60		E300.0	10/22/05 16:55 / wen
Calcium	77.6	mg/L		0.5		E200.7	10/28/05 18:04 / ts
Chloride	566	mg/L		1		A4500-Cl B	10/26/05 11:25 / th
Fluoride	1.0	mg/L		0.1		A4500-F C	10/27/05 14:16 / slb
Magnesium	31.1	mg/L		0.5		E200.7	10/28/05 18:04 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/25/05 14:58 / jl
Potassium	7.0	mg/L		0.5		E200.7	10/28/05 18:04 / ts
Silica	19.1	mg/L		0.1		E200.7	10/28/05 18:04 / ts
Sodium	576	mg/L		0.5		E200.7	10/28/05 18:04 / ts
Sulfate	592	mg/L	D	1		A4500-SO4 E	10/26/05 14:15 / sml
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Antimony	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Arsenic	1	ug/L		1		E200.8	10/26/05 04:21 / sml
Barium	19	ug/L		1		E200.8	10/26/05 04:21 / sml
Beryllium	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Boron	4150	ug/L		100		E200.7	10/28/05 18:04 / ts
Cadmium	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Chromium	1	ug/L		1		E200.8	10/26/05 04:21 / sml
Cobalt	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Copper	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Iron	322	ug/L		30		E200.7	10/28/05 18:04 / ts
Lead	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Lithium	ND	ug/L		100		E200.7	10/28/05 18:04 / ts
Manganese	12	ug/L		1		E200.8	10/26/05 04:21 / sml
Molybdenum	85	ug/L		1		E200.8	10/26/05 04:21 / sml
Selenium	3	ug/L		1		E200.8	10/26/05 04:21 / sml
Strontium	3840	ug/L		1		E200.8	10/26/05 04:21 / sml
Thallium	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Uranium	ND	ug/L		0.3		E200.8	10/27/05 02:21 / sml
Vanadium	ND	ug/L		1		E200.8	10/26/05 04:21 / sml
Zinc	117	ug/L		1		E200.8	10/26/05 04:21 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	11/04/05 09:00 / pj
Gross Beta	19.7	pCi/L		2.0		E900.0	11/04/05 09:00 / pj
Gross Beta precision (±)	7.0	pCi/L				E900.0	11/04/05 09:00 / pj

Report RL - Analyte reporting limit.

Definitions: 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)	-1.83	%				Calculation	11/03/05 10:17 / smd
Anions	32.9	meq/L				Calculation	11/03/05 10:17 / smd
Cations	31.7	meq/L				Calculation	11/03/05 10:17 / smd

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Definitions: QCL - Quality control limit.

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