



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05100947-003
Client Sample ID: 8755504

Report Date: 11/21/05
Collection Date: 10/19/05 08:40
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	195	mg/L		1		A2320 B	10/24/05 11:00 / th
Bromide	5.8	mg/L	D	1.2		E300.0	10/22/05 16:11 / wen
Calcium	200	mg/L		0.5		E200.7	10/28/05 17:46 / ts
Chloride	714	mg/L		1		A4500-Cl B	10/26/05 10:57 / th
Fluoride	0.6	mg/L		0.1		A4500-F C	10/24/05 16:16 / slb
Magnesium	73.4	mg/L		0.5		E200.7	10/28/05 17:46 / ts
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	10/25/05 14:40 / jl
Potassium	10.2	mg/L		0.5		E200.7	10/28/05 17:46 / ts
Silica	23.6	mg/L		0.1		E200.7	10/28/05 17:46 / ts
Sodium	373	mg/L		0.5		E200.7	10/28/05 17:46 / ts
Sulfate	394	mg/L		1		A4500-SO4 E	10/26/05 14:05 / sml
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Antimony	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Arsenic	1	ug/L		1		E200.8	10/26/05 04:01 / sml
Barium	25	ug/L		1		E200.8	10/26/05 04:01 / sml
Beryllium	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Boron	1020	ug/L		100		E200.7	10/28/05 17:46 / ts
Cadmium	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Chromium	1	ug/L		1		E200.8	10/26/05 04:01 / sml
Cobalt	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Copper	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Iron	251	ug/L		30		E200.7	10/28/05 17:46 / ts
Lead	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Lithium	ND	ug/L		100		E200.7	10/28/05 17:46 / ts
Manganese	48	ug/L		1		E200.8	10/26/05 04:01 / sml
Molybdenum	9	ug/L		1		E200.8	10/26/05 04:01 / sml
Selenium	6	ug/L		1		E200.8	10/26/05 04:01 / sml
Strontium	4660	ug/L		1		E200.8	10/26/05 04:01 / sml
Thallium	ND	ug/L		1		E200.8	10/26/05 04:01 / sml
Uranium	37.2	ug/L		0.3		E200.8	10/27/05 01:54 / sml
Vanadium	3	ug/L		1		E200.8	10/26/05 04:01 / sml
Zinc	5	ug/L		1		E200.8	10/26/05 04:01 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	19.7	pCi/L		1.0		E900.0	11/04/05 09:00 / pj
Gross Alpha precision (±)	3.5	pCi/L				E900.0	11/04/05 09:00 / pj
Gross Beta	17.8	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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				RL	QCL		
DATA QUALITY							
A/C Balance (± 5)	0.158	%				Calculation	11/03/05 10:14 / smd
Anions	32.4	meq/L				Calculation	11/03/05 10:14 / smd
Cations	32.5	meq/L				Calculation	11/03/05 10:14 / smd

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