



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05101194-004
Client Sample ID: 3241104

Report Date: 11/23/05
Collection Date: 10/25/05 14:45
Date Received: 10/28/05
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	11/01/05 14:17 / th
Alkalinity, Total as CaCO3	305	mg/L		1		A2320 B	11/01/05 14:17 / th
Bromide	ND	mg/L		0.50		E300.0	10/29/05 19:38 / wen
Calcium	56.6	mg/L		0.5		E200.7	11/03/05 14:15 / ts
Chloride	35	mg/L		1		A4500-Cl B	10/31/05 11:32 / th
Fluoride	0.4	mg/L		0.1		A4500-F C	10/28/05 15:44 / slb
Magnesium	34.5	mg/L		0.5		E200.7	11/03/05 14:15 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/28/05 21:39 / jl
Potassium	4.6	mg/L		0.5		E200.7	11/03/05 14:15 / ts
Silica	16.9	mg/L		0.1		E200.7	11/03/05 14:15 / ts
Sodium	81.5	mg/L		0.5		E200.7	11/03/05 14:15 / ts
Sulfate	96	mg/L		1		A4500-SO4 E	10/28/05 20:06 / sml
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Antimony	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Arsenic	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Barium	100	ug/L		1		E200.8	10/31/05 23:04 / sml
Beryllium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Boron	123	ug/L		100		E200.7	11/03/05 14:15 / ts
Cadmium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Chromium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Cobalt	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Copper	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Iron	93	ug/L		30		E200.7	11/03/05 14:15 / ts
Lead	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Lithium	ND	ug/L		100		E200.7	11/03/05 14:15 / ts
Manganese	17	ug/L		1		E200.8	10/31/05 23:04 / sml
Molybdenum	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Selenium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Strontium	3360	ug/L		1		E200.8	10/31/05 23:04 / sml
Thallium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Vanadium	ND	ug/L		1		E200.8	10/31/05 23:04 / sml
Zinc	11	ug/L		1		E200.8	10/31/05 23:04 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	6.0	pCi/L		1.0		E900.0	11/10/05 11:00 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	11/10/05 11:00 / rs
Gross Beta	9.1	pCi/L		2.0		E900.0	11/10/05 11:00 / rs
Gross Beta precision (±)	1.5	pCi/L				E900.0	11/10/05 11:00 / rs

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

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



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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
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DATA QUALITY							
A/C Balance (± 5)	1.24	%				Calculation	11/07/05 14:18 / smd
Anions	9.10	meq/L				Calculation	11/07/05 14:18 / smd
Cations	9.33	meq/L				Calculation	11/07/05 14:18 / smd

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