



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05101247-001
Client Sample ID: 8021216

Report Date: 11/30/05
Collection Date: 10/26/05 14:20
Date Received: 10/29/05
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	308	mg/L		1		A2320 B	11/01/05 14:17 / th
Bromide	ND	mg/L		0.50		E300.0	10/29/05 23:55 / wen
Calcium	6.5	mg/L		0.5		E200.7	11/03/05 15:34 / ts
Chloride	209	mg/L		1		A4500-Cl B	10/31/05 16:46 / th
Fluoride	1.4	mg/L		0.1		A4500-F C	11/02/05 11:00 / slb
Magnesium	3.1	mg/L		0.5		E200.7	11/03/05 15:34 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/31/05 10:31 / jal
Potassium	1.4	mg/L		0.5		E200.7	11/03/05 15:34 / ts
Silica	12.7	mg/L		0.1		E200.7	11/03/05 15:34 / ts
Sodium	272	mg/L		0.5		E200.7	11/03/05 15:34 / ts
Sulfate	10	mg/L		1		A4500-SO4 E	11/04/05 09:14 / jal
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Antimony	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Arsenic	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Barium	504	ug/L		1		E200.8	11/01/05 03:11 / sml
Beryllium	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Boron	452	ug/L		100		E200.7	11/03/05 15:34 / ts
Cadmium	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Chromium	2	ug/L		1		E200.8	11/01/05 03:11 / sml
Cobalt	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Copper	2	ug/L		1		E200.8	11/01/05 03:11 / sml
Iron	41	ug/L		30		E200.7	11/03/05 15:34 / ts
Lead	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Lithium	ND	ug/L		100		E200.7	11/03/05 15:34 / ts
Manganese	7	ug/L		1		E200.8	11/01/05 03:11 / sml
Molybdenum	4	ug/L		1		E200.8	11/01/05 03:11 / sml
Selenium	1	ug/L		1		E200.8	11/01/05 03:11 / sml
Strontium	380	ug/L		1		E200.8	11/01/05 03:11 / sml
Thallium	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Vanadium	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
Zinc	ND	ug/L		1		E200.8	11/01/05 03:11 / sml
RADIONUCLIDES - DISSOLVED							
Gross Alpha	ND	pCi/L		1.0		E900.0	11/14/05 10:00 / rs
Gross Beta	5.6	pCi/L		2.0		E900.0	11/14/05 10:00 / rs
Gross Beta precision (±)	2.0	pCi/L				E900.0	11/14/05 10:00 / 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)	0.596	%				Calculation	11/07/05 14:23 / smd
Anions	12.3	meq/L				Calculation	11/07/05 14:23 / smd
Cations	12.5	meq/L				Calculation	11/07/05 14:23 / smd

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