



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05100947-001
Client Sample ID: 8731918

Report Date: 11/21/05
Collection Date: 10/17/05 14:10
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	238	mg/L		1		A2320 B	10/24/05 11:00 / th
Bromide	2.99	mg/L	D	0.60		E300.0	10/22/05 15:45 / wen
Calcium	6.8	mg/L		0.5		E200.7	10/28/05 17:40 / ts
Chloride	382	mg/L		1		A4500-Cl B	10/26/05 10:55 / th
Fluoride	2.7	mg/L		0.1		A4500-F C	10/24/05 16:08 / slb
Magnesium	1.9	mg/L		0.5		E200.7	10/28/05 17:40 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/25/05 14:35 / jl
Potassium	2.8	mg/L		0.5		E200.7	10/28/05 17:40 / ts
Silica	15.4	mg/L		0.1		E200.7	10/28/05 17:40 / ts
Sodium	423	mg/L		0.5		E200.7	10/28/05 17:40 / ts
Sulfate	227	mg/L		1		A4500-SO4 E	10/26/05 13:57 / sml
METALS - DISSOLVED							
Aluminum	3	ug/L		1		E200.8	10/26/05 03:28 / sml
Antimony	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Arsenic	7	ug/L		1		E200.8	10/26/05 03:28 / sml
Barium	38	ug/L		1		E200.8	10/26/05 03:28 / sml
Beryllium	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Boron	3130	ug/L		100		E200.7	10/28/05 17:40 / ts
Cadmium	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Chromium	1	ug/L		1		E200.8	10/26/05 03:28 / sml
Cobalt	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Copper	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Iron	32	ug/L		30		E200.7	10/28/05 17:40 / ts
Lead	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Lithium	ND	ug/L		100		E200.7	10/28/05 17:40 / ts
Manganese	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Molybdenum	17	ug/L		1		E200.8	10/26/05 03:28 / sml
Selenium	2	ug/L		1		E200.8	10/26/05 03:28 / sml
Strontium	1000	ug/L		1		E200.8	10/26/05 03:28 / sml
Thallium	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Uranium	ND	ug/L		0.3		E200.8	10/27/05 00:54 / sml
Vanadium	ND	ug/L		1		E200.8	10/26/05 03:28 / sml
Zinc	3	ug/L		1		E200.8	10/26/05 03:28 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	ND	pCi/L		1.0		E900.0	11/04/05 09:00 / pj
Gross Beta	11.5	pCi/L		2.0		E900.0	11/04/05 09:00 / pj
Gross Beta precision (±)	3.5	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)	-3.76	%				Calculation	11/01/05 15:25 / smd
Anions	20.4	meq/L				Calculation	11/01/05 15:25 / smd
Cations	18.9	meq/L				Calculation	11/01/05 15:25 / smd

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

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