



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05100947-007
Client Sample ID: 8756403

Report Date: 11/21/05
Collection Date: 10/20/05 12:18
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	250	mg/L		1		A2320 B	10/24/05 11:00 / th
Bromide	14.6	mg/L	D	3.0		E300.0	10/22/05 17:08 / wen
Calcium	628	mg/L	D	0.6		E200.7	11/01/05 14:18 / ts
Chloride	2300	mg/L		1		A4500-Cl B	10/26/05 11:05 / th
Fluoride	0.4	mg/L		0.1		A4500-F C	10/27/05 14:18 / slb
Magnesium	251	mg/L	D	0.5		E200.7	11/01/05 14:18 / ts
Nitrogen, Nitrate+Nitrite as N	1.2	mg/L		0.1		E353.2	10/25/05 15:00 / jl
Potassium	17.1	mg/L		0.5		E200.7	10/28/05 18:07 / ts
Silica	33.0	mg/L		0.1		E200.7	10/28/05 18:07 / ts
Sodium	1230	mg/L	D	0.6		E200.7	11/01/05 14:18 / ts
Sulfate	1950	mg/L	D	6		A4500-SO4 E	10/26/05 14:19 / sml
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Antimony	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Arsenic	6	ug/L		1		E200.8	10/26/05 04:55 / sml
Barium	15	ug/L		1		E200.8	10/26/05 04:55 / sml
Beryllium	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Boron	1550	ug/L		100		E200.7	10/28/05 18:07 / ts
Cadmium	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Chromium	2	ug/L		1		E200.8	10/26/05 04:55 / sml
Cobalt	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Copper	3	ug/L		1		E200.8	10/26/05 04:55 / sml
Iron	97	ug/L		30		E200.7	10/28/05 18:07 / ts
Lead	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Lithium	225	ug/L		100		E200.7	10/28/05 18:07 / ts
Manganese	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Molybdenum	4	ug/L		1		E200.8	10/26/05 04:55 / sml
Selenium	15	ug/L		1		E200.8	10/26/05 04:55 / sml
Strontium	16400	ug/L		1		E200.8	10/26/05 04:55 / sml
Thallium	ND	ug/L		1		E200.8	10/26/05 04:55 / sml
Uranium	27.6	ug/L		0.3		E200.8	10/27/05 02:54 / sml
Vanadium	5	ug/L		1		E200.8	10/26/05 04:55 / sml
Zinc	59	ug/L		1		E200.8	10/26/05 04:55 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	26.8	pCi/L		1.0		E900.0	11/04/05 09:00 / pj
Gross Alpha precision (±)	6.5	pCi/L				E900.0	11/04/05 09:00 / pj
Gross Beta	35.4	pCi/L		2.0		E900.0	11/04/05 09:00 / pj
Gross Beta precision (±)	14.0	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)	-2.24	%				Calculation	11/03/05 10:18 / smd
Anions	111	meq/L				Calculation	11/03/05 10:18 / smd
Cations	106	meq/L				Calculation	11/03/05 10:18 / smd

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Definitions: QCL - Quality control limit.

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