



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: Groundwater Monitoring
Lab ID: C05100947-004
Client Sample ID: 8849703

Report Date: 11/21/05
Collection Date: 10/19/05 12:20
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	318	mg/L		1		A2320 B	10/24/05 11:00 / th
Bromide	15.4	mg/L	D	3.0		E300.0	10/22/05 16:29 / wen
Calcium	302	mg/L	D	0.6		E200.7	11/02/05 14:37 / ts
Chloride	2070	mg/L		1		A4500-Cl B	10/26/05 11:23 / th
Fluoride	1.0	mg/L		0.1		A4500-F C	10/27/05 14:07 / slb
Magnesium	220	mg/L	D	0.5		E200.7	11/02/05 14:37 / ts
Nitrogen, Nitrate+Nitrite as N	1.7	mg/L		0.1		E353.2	10/25/05 14:43 / jl
Potassium	9.7	mg/L		0.5		E200.7	10/28/05 17:49 / ts
Silica	43.4	mg/L		0.1		E200.7	10/28/05 17:49 / ts
Sodium	1390	mg/L	D	0.6		E200.7	11/02/05 14:37 / ts
Sulfate	1310	mg/L	D	3		A4500-SO4 E	10/26/05 14:13 / sml
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Antimony	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Arsenic	5	ug/L		1		E200.8	10/26/05 04:08 / sml
Barium	21	ug/L		1		E200.8	10/26/05 04:08 / sml
Beryllium	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Boron	3510	ug/L		100		E200.7	10/28/05 17:49 / ts
Cadmium	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Chromium	3	ug/L		1		E200.8	10/26/05 04:08 / sml
Cobalt	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Copper	13	ug/L		1		E200.8	10/26/05 04:08 / sml
Iron	ND	ug/L		30		E200.7	10/28/05 17:49 / ts
Lead	1	ug/L		1		E200.8	10/26/05 04:08 / sml
Lithium	268	ug/L		100		E200.7	10/28/05 17:49 / ts
Manganese	32	ug/L		1		E200.8	10/26/05 04:08 / sml
Molybdenum	65	ug/L		1		E200.8	10/26/05 04:08 / sml
Selenium	14	ug/L		1		E200.8	10/26/05 04:08 / sml
Strontium	13300	ug/L		1		E200.8	10/26/05 04:08 / sml
Thallium	ND	ug/L		1		E200.8	10/26/05 04:08 / sml
Uranium	44.1	ug/L		0.3		E200.8	10/27/05 02:01 / sml
Vanadium	16	ug/L		1		E200.8	10/26/05 04:08 / sml
Zinc	7	ug/L		1		E200.8	10/26/05 04:08 / sml
RADIONUCLIDES - TOTAL							
Gross Alpha	61.4	pCi/L		1.0		E900.0	11/04/05 09:00 / pj
Gross Alpha precision (±)	7.0	pCi/L				E900.0	11/04/05 09:00 / pj
Gross Beta	53.4	pCi/L		2.0		E900.0	11/04/05 09:00 / pj
Gross Beta precision (±)	14.3	pCi/L				E900.0	11/04/05 09:00 / pj

Report Definitions:
 RL - Analyte reporting limit.
 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)	0.752	%				Calculation	11/03/05 10:17 / smd
Anions	92.4	meq/L				Calculation	11/03/05 10:17 / smd
Cations	93.8	meq/L				Calculation	11/03/05 10:17 / smd

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