



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** Groundwater Monitoring  
**Lab ID:** C05100618-002  
**Client Sample ID:** 8850704

**Report Date:** 11/16/05  
**Collection Date:** 08/18/05 09:35  
**Date Received:** 10/14/05  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Calcium	178	mg/L		0.5		E200.7	10/24/05 16:18 / ts
Magnesium	51.4	mg/L		0.5		E200.7	10/24/05 16:18 / ts
Potassium	14.4	mg/L		0.5		E200.7	10/24/05 16:18 / ts
Silica	54.6	mg/L		0.1		E200.7	10/24/05 16:18 / ts
Sodium	233	mg/L		0.5		E200.7	10/24/05 16:18 / ts
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Antimony	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Arsenic	5	ug/L		1		E200.8	10/24/05 13:19 / bws
Barium	52	ug/L		1		E200.8	10/24/05 13:19 / bws
Beryllium	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Boron	472	ug/L		100		E200.7	10/24/05 16:18 / ts
Cadmium	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Chromium	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Cobalt	2	ug/L		1		E200.8	10/24/05 13:19 / bws
Copper	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Iron	59	ug/L		30		E200.7	10/24/05 16:18 / ts
Lead	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Lithium	118	ug/L		100		E200.7	10/24/05 16:18 / ts
Manganese	491	ug/L		1		E200.8	10/24/05 13:19 / bws
Molybdenum	11	ug/L		1		E200.8	10/24/05 13:19 / bws
Selenium	1	ug/L		1		E200.8	10/24/05 13:19 / bws
Strontium	3160	ug/L		1		E200.8	10/24/05 13:19 / bws
Thallium	ND	ug/L		1		E200.8	10/24/05 13:19 / bws
Uranium	6.1	ug/L		0.3		E200.8	10/24/05 13:19 / bws
Vanadium	20	ug/L		1		E200.8	10/24/05 13:19 / bws
Zinc	10	ug/L		1		E200.8	10/24/05 13:19 / bws
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	7.7	pCi/L		1.0		E900.0	10/26/05 09:00 / rs
Gross Alpha precision (±)	2.2	pCi/L				E900.0	10/26/05 09:00 / rs
Gross Beta	20	pCi/L		2.0		E900.0	10/26/05 09:00 / rs
Gross Beta precision (±)	5.4	pCi/L				E900.0	10/26/05 09:00 / rs

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

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