



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** Groundwater Monitoring  
**Lab ID:** C05100618-001  
**Client Sample ID:** 8857206

**Report Date:** 11/16/05  
**Collection Date:** 08/17/05 15:58  
**Date Received:** 10/14/05  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Calcium	41.6	mg/L		0.5		E200.7	10/24/05 16:15 / ts
Magnesium	20.0	mg/L		0.5		E200.7	10/24/05 16:15 / ts
Potassium	4.6	mg/L		0.5		E200.7	10/24/05 16:15 / ts
Silica	32.3	mg/L		0.1		E200.7	10/24/05 16:15 / ts
Sodium	288	mg/L		0.5		E200.7	10/24/05 16:15 / ts
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Antimony	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Arsenic	3	ug/L		1		E200.8	10/24/05 13:12 / bws
Barium	31	ug/L		1		E200.8	10/24/05 13:12 / bws
Beryllium	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Boron	1040	ug/L		100		E200.7	10/24/05 16:15 / ts
Cadmium	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Chromium	1	ug/L		1		E200.8	10/24/05 13:12 / bws
Cobalt	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Copper	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Iron	88	ug/L		30		E200.7	10/24/05 16:15 / ts
Lead	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Lithium	ND	ug/L		100		E200.7	10/24/05 16:15 / ts
Manganese	28	ug/L		1		E200.8	10/24/05 13:12 / bws
Molybdenum	30	ug/L		1		E200.8	10/24/05 13:12 / bws
Selenium	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Strontium	1300	ug/L		1		E200.8	10/24/05 13:12 / bws
Thallium	ND	ug/L		1		E200.8	10/24/05 13:12 / bws
Uranium	13.8	ug/L		0.3		E200.8	10/24/05 13:12 / bws
Vanadium	3	ug/L		1		E200.8	10/24/05 13:12 / bws
Zinc	14	ug/L		1		E200.8	10/24/05 13:12 / bws
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	17.9	pCi/L		1.0		E900.0	10/26/05 09:00 / rs
Gross Alpha precision (±)	1.5	pCi/L				E900.0	10/26/05 09:00 / rs
Gross Beta	17	pCi/L		2.0		E900.0	10/26/05 09:00 / rs
Gross Beta precision (±)	3.3	pCi/L				E900.0	10/26/05 09:00 / rs

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

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