



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** Groundwater Monitoring  
**Lab ID:** C05100623-003  
**Client Sample ID:** 8017405

**Report Date:** 11/12/05  
**Collection Date:** 08/15/05 08:55  
**Date Received:** 10/14/05  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Calcium	6.3	mg/L		0.5		E200.7	10/25/05 08:56 / ts
Magnesium	3.7	mg/L		0.5		E200.7	10/25/05 08:56 / ts
Potassium	2.3	mg/L		0.5		E200.7	10/25/05 08:56 / ts
Silica	13.7	mg/L		0.1		E200.7	10/25/05 08:56 / ts
Sodium	296	mg/L		0.5		E200.7	10/25/05 08:56 / ts
<b>METALS - DISSOLVED</b>							
Aluminum	57	ug/L	D	2		E200.8	10/24/05 15:32 / bws
Antimony	ND	ug/L		1		E200.8	10/24/05 15:32 / bws
Arsenic	ND	ug/L	D	2		E200.8	10/24/05 15:32 / bws
Barium	29	ug/L		1		E200.8	10/24/05 15:32 / bws
Beryllium	ND	ug/L		1		E200.8	10/24/05 15:32 / bws
Boron	868	ug/L		100		E200.7	10/25/05 08:56 / ts
Cadmium	ND	ug/L	D	1		E200.8	10/24/05 15:32 / bws
Chromium	3	ug/L	D	1		E200.8	10/24/05 15:32 / bws
Cobalt	ND	ug/L		1		E200.8	10/24/05 15:32 / bws
Copper	2	ug/L	D	1		E200.8	10/24/05 15:32 / bws
Iron	55	ug/L		30		E200.7	10/25/05 08:56 / ts
Lead	2	ug/L		1		E200.8	10/24/05 15:32 / bws
Lithium	ND	ug/L		100		E200.7	10/25/05 08:56 / ts
Manganese	10	ug/L		1		E200.8	10/24/05 15:32 / bws
Molybdenum	18	ug/L		1		E200.8	10/24/05 15:32 / bws
Selenium	ND	ug/L	D	4		E200.8	10/24/05 15:32 / bws
Strontium	102	ug/L		1		E200.8	10/24/05 15:32 / bws
Thallium	ND	ug/L		1		E200.8	10/24/05 15:32 / bws
Uranium	ND	ug/L	D	0.4		E200.8	10/24/05 15:32 / bws
Vanadium	1	ug/L		1		E200.8	10/24/05 15:32 / bws
Zinc	82	ug/L		1		E200.8	10/24/05 15:32 / bws
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	5.1	pCi/L		1.0		E900.0	10/26/05 09:00 / rs
Gross Alpha precision (±)	0.9	pCi/L				E900.0	10/26/05 09:00 / rs
Gross Beta	3.8	pCi/L		2.0	50	E900.0	10/26/05 09:00 / rs
Gross Beta precision (±)	2.2	pCi/L				E900.0	10/26/05 09:00 / rs

**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.