

SUMMARY OF ANALYTICAL RESULTS

PROJECT NAME: LAREDO AIRPORT  
 SAMPLE LOCATION: MONITORING WELLS  
 SAMPLE TYPE: GROUND WATER

FILE NAME: WATER.WQ1

Sample Designation	Sample Date	Sample * Analyzed by	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)	Total Detectable BTEX (mg/L)	MTBE (mg/L)	TPH (mg/L)	TDS (mg/L)
MW-1	07/25/90	PAL	4.0	0.730	0.200	0.530	5.46	<0.01	13	
	12/11/91	PAL	3.056	0.531	0.143	0.446	4.176	<0.01	13.8	
	05/27/92	PAL	4.853	0.687	0.277	0.703	6.52	1.494	1.98	
	08/11/92	R-KCI	12	1.5	0.38	0.89	14.77		44	
	10/13/92	R-KCI	11	1.3	<0.5***	<0.5***	12.3		6	
	01/13/93	R-KCI	2.7	0.33	<0.12***	<0.12***	3.03		4	
	04/15/93	R-KCI	1.2	0.1	0.07	0.05	1.42		1	
MW-2	12/11/91	PAL	0.329	0.271	0.205	0.516	1.321	<0.01	214	
	05/27/92	PAL	0.698	0.361	0.281	0.662	2.002	0.890	29.6	
	08/11/92	R-KCI	0.33	0.26	0.16	0.39	1.14		53	
	10/13/92		****	****	****	****	****	****	****	
	04/15/93		****	****	****	****	****	****	****	
MW-3	07/25/90	PAL	0.860	0.082	0.190	0.280	1.412	<0.01	<10	
	12/11/91	PAL	0.010	0.018	<0.01	0.013	0.041	0.049	3.3	
	05/27/92	PAL	0.480	<0.01	0.028	<0.01	0.508	0.026	1.38	
	08/11/92	R-KCI	0.38	0.31	0.20	0.51	1.4		6	
	10/13/92	R-KCI	0.085	<0.005	0.048	<0.005	0.133		6	
	01/13/93	R-KCI	0.020	<0.005	<0.005	<0.005	0.020		2	
	04/15/93	R-KCI	0.02	<0.005	<0.005	<0.005	0.02		<1	
MW-4	07/25/90	PAL	<0.01	<0.01	<0.01	<0.01	—	<0.01	<10	3.510
	12/11/91	PAL								
	05/27/92	PAL	<0.01	<0.01	<0.01	<0.01	—	0.803	<10	
	08/11/92	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	
	10/13/92	R-KCI	0.006	0.015	0.006	0.020	0.047		<1	
	01/13/93	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	
	04/15/93	R-KCI	0.029	0.01	<0.005	<0.005	0.039		<1	
MW-7	08/19/92	R-KCI	<0.005	<0.005	<0.005	<0.005	—	<0.005	<1	
	10/13/92	R-KCI	0.12	0.054	0.011	0.038	0.221		<1	
	01/13/93	R-KCI	0.032	0.006	0.008	<0.005	0.046		<1	
	04/15/93	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	
MW-8	08/19/92	R-KCI	<0.005	<0.005	<0.005	<0.005	—	<0.005	<1	
	10/13/92	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	
	01/13/93	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	
	04/15/93	R-KCI	<0.005	<0.005	<0.005	<0.005	—		<1	

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SUMMARY OF ANALYTICAL RESULTS (CONTINUED)

PROJECT NAME: LAREDO AIRPORT  
 SAMPLE LOCATION: MONITORING WELLS  
 SAMPLE TYPE: GROUND WATER

FILE NAME: WATER.WQ1

Sample Designation	Sample Date	Sample * Analyzed by	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)	Total Detectable BTEX (mg/L)	MTBE (mg/L)	TPH (mg/L)	TDS (mg/L)
MW-9	08/19/92	R-KCI	5.4	2.5	0.73	1.8	10.43	<0.13***	12	
	10/13/92	R-KCI	4.8	1.8	0.36	0.9	7.86		6	
	01/13/93	R-KCI	3.0	<0.25****	0.30	<0.25****	3.30		6	
MW-10	08/19/92	R-KCI	3.4	0.78	0.24	0.26	4.68	<0.05***	4	
	10/13/92	R-KCI	6.2	1.7	0.31	0.98	9.19		14	
	01/13/93	R-KCI	6.6	2.0	<0.5****	1.1	9.70		31	
	04/15/93	R-KCI	8.6	1.8	<2.0**	<2.0**	10.4		7	

\* R-KCI = RABA-KISTNER CONSULTANTS, INC.  
 PAL = PAN AMERICAN LABORATORIES, INC.

\*\* THE PRACTICAL QUANTITATION LIMIT WAS ELEVATED DUE TO DILUTION / MATRIX INTERFERENCES. MTBE WAS NOT DETECTED VIA GC/MS CONFIRMATION ANALYSIS.

\*\*\* THE PRACTICAL QUANTITATION LIMIT WAS ELEVATED DUE TO DILUTION / MATRIX INTERFERENCES.

\*\*\*\* NOT SAMPLED - CONTAINED FREE PRODUCT

NOTE: MONITORING WELL MW-9 WAS REMOVED DURING PST EXCAVATION OPERATIONS IN JANUARY 1993.



# WATER LEVEL MEASUREMENTS

PROJECT NAME: LAREDO AIRPORT

FILE NAME: WLVLWC1

Well Designation	Date	TOC Elevation (m)	Depth to Water (m)	Water Table Elevation (m)
MW-1	12/07/91	485.43	8.32	477.11
	06/13/92		7.27	478.16
	08/11/92		7.88	477.55
	08/19/92		7.80	477.63
	10/13/92		8.27	477.18
	01/13/93		8.50	476.93
	04/15/93		8.16	477.27
MW-2	12/07/91	487.28	10.11	477.15
	06/13/92		8.91	478.35
	08/11/92		9.52	477.74
	08/19/92		9.51	477.75
	10/13/92		10.10	477.16
	01/13/93		10.97	476.29
	04/15/93		10.68	476.58
MW-3	12/07/91	487.19	10.18	477.01
	06/13/92		8.93	478.26
	08/11/92		9.52	477.67
	08/19/92		9.52	477.67
	10/13/92		10.20	476.99
	01/13/93		11.45	475.74
	04/15/93		11.05	476.14
MW-4	12/07/91	487.84	7.66	480.18
	06/13/92		7.77	480.07
	08/11/92		7.58	480.26
	08/19/92		7.56	480.28
	10/13/92		7.78	480.06
	01/13/93		7.85	479.99
	04/15/93		7.90	479.94
FW-5	12/07/91	488.60	11.60	477.00
	06/13/92		8.39	480.21
	08/11/92		10.20	478.40
	08/19/92		10.14	478.46
	10/13/92		10.52	478.08
	01/13/93		11.96	476.64
	04/15/93		11.68	476.92
FW-6	12/07/91	488.78	9.96	478.82
	06/13/92		8.70	480.08
	08/11/92		8.63	480.15
	08/19/92		8.88	479.90
	10/13/92		9.03	479.75
	01/13/93		8.95	479.83
	04/15/93		10.18	478.60

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WATER LEVEL MEASUREMENTS (CONTINUED)

PROJECT NAME: LAREDO AIRPORT

FILE NAME: WLVLW01

Well Designation	Date	TOC Elevation (ft)	Depth to Water (ft)	Water Table Elevation (ft)
MW-7	12/07/91	485.24		
	06/13/92			
	08/11/92			
	08/19/92		9.80	475.44
	10/13/92		10.25	474.99
	01/13/93		9.62	475.62
	04/15/93		9.07	476.17
MW-8	12/07/91	484.27		
	06/13/92			
	08/11/92			
	08/19/92		8.16	476.11
	10/13/92		10.19	474.08
	01/13/93		7.60	476.67
	04/15/93		7.76	476.51
MW-9	12/07/91	487.17		
	06/13/92			
	08/11/92			
	08/19/92		7.16	480.01
	10/13/92		7.90	479.27
	01/13/93		8.25	478.92
MW-10	12/07/91	487.34		
	06/13/92			
	08/11/92			
	08/19/92		8.25	479.09
	10/13/92		8.85	478.49
	01/13/93		9.84	477.50
	04/15/93		9.43	477.91

NOTE: MONITORING WELL MW-9 WAS REMOVED DURING PST REMOVAL OPERATIONS IN JANUARY 1993.