

**HYDRAULIC GRADIENT SUMMARY
APL PLUME CONTAINMENT SYSTEM
THIRD, QUARTER - 2005
HYDE PARK RRT PROGRAM**

	Purge Wells		Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair		
Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
03/03/97	534.48	524.70	554.78	554.78	554.78	550.36	550.36	550.36	-	-	-	525.63	525.63	525.63
03/11/97	541.02	525.11	556.17	556.17	556.17	546.28	546.28	546.28	-	-	-	525.23	525.23	525.23
03/18/97	514.52	517.19	556.78	556.78	556.78	557.51	557.51	557.51	588.18	588.18	588.18	523.18	523.18	523.18
03/25/97	505.90	510.88	555.50	555.50	555.50	546.81	546.81	546.81	-	-	-	522.25	522.25	522.25
04/01/97	506.70	510.42	556.10	556.10	556.10	548.56	548.56	548.56	-	-	-	522.02	522.02	522.02
04/08/97	504.47	509.42	555.93	555.93	555.93	556.46	556.46	556.46	588.64	588.64	588.64	522.86	522.86	522.86
04/15/97	506.70	509.44	555.15	555.15	555.15	548.71	548.71	548.71	589.85	589.85	589.85	521.96	521.96	521.96
04/23/97	508.83	513.69	554.40	554.40	554.40	546.01	546.01	546.01	583.96	583.96	583.96	521.98	521.98	521.98
04/29/97	504.45	511.36	553.96	553.96	553.96	547.12	547.12	547.12	581.55	581.55	581.55	521.93	521.93	521.93
05/06/97	504.41	509.35	554.08	554.08	554.08	547.78	547.78	547.78	580.57	580.57	580.57	522.29	522.29	522.29
05/13/97	507.23	511.46	553.75	553.75	553.75	550.35	550.35	550.35	578.15	578.15	578.15	522.30	522.30	522.30
05/20/97	504.45	509.42	554.14	554.14	554.14	548.55	548.55	548.55	583.03	583.03	583.03	522.28	522.28	522.28
05/27/97	507.25	509.44	550.95	550.95	550.95	549.71	549.71	549.71	539.89	539.89	539.89	521.93	521.93	521.93
06/04/97	504.47	511.26	552.18	552.18	552.18	546.85	546.85	546.85	541.65	541.65	541.65	521.84	521.84	521.84
06/11/97	508.10	512.19	551.19	551.19	551.19	547.80	547.80	547.80	545.35	545.35	545.35	522.12	522.12	522.12
06/17/97	-	-	554.09	554.09	554.09	548.05	548.05	548.05	573.25	573.25	573.25	523.85	523.85	523.85
06/24/97	508.08	514.08	554.07	554.07	554.07	549.33	549.33	549.33	576.82	576.82	576.82	521.95	521.95	521.95
07/01/97	507.30	509.48	552.00	552.00	552.00	546.12	546.12	546.12	574.62	574.62	574.62	521.97	521.97	521.97
07/08/97	505.24	513.67	550.68	550.68	550.68	548.67	548.67	548.67	573.00	573.00	573.00	521.93	521.93	521.93
07/15/97	506.00	512.00	550.90	550.90	550.90	550.51	550.51	550.51	571.56	571.56	571.56	521.85	521.85	521.85
07/22/97	507.29	510.82	550.52	550.52	550.52	550.41	550.41	550.41	570.35	570.35	570.35	521.93	521.93	521.93
07/29/97	504.00	513.00	550.40	550.40	550.40	550.35	550.35	550.35	564.35	564.35	564.35	522.13	522.13	522.13
08/05/97	505.90	510.56	550.35	550.35	550.35	550.89	550.89	550.89	568.36	568.36	568.36	521.93	521.93	521.93
08/12/97	509.33	511.66	550.02	550.02	550.02	545.29	545.29	545.29	567.62	567.62	567.62	521.90	521.90	521.90
08/19/97	506.63	513.23	550.60	550.60	550.60	550.97	550.97	550.97	567.01	567.01	567.01	521.94	521.94	521.94
08/26/97	509.52	513.09	551.55	551.55	551.55	551.11	551.11	551.11	573.81	573.81	573.81	521.93	521.93	521.93
09/02/97	505.23	513.98	550.45	550.45	550.45	551.51	551.51	551.51	571.96	571.96	571.96	521.93	521.93	521.93
09/09/97	507.25	513.73	550.82	550.82	550.82	548.79	548.79	548.79	573.31	573.31	573.31	521.95	521.95	521.95
09/16/97	504.41	511.60	551.38	551.38	551.38	549.71	549.71	549.71	575.27	575.27	575.27	521.93	521.93	521.93
09/23/97	507.32	509.75	551.36	551.36	551.36	549.01	549.01	549.01	573.04	573.04	573.04	522.09	522.09	522.09
09/30/97	504.45	513.95	551.39	551.39	551.39	548.81	548.81	548.81	573.40	573.40	573.40	522.03	522.03	522.03
10/07/97	507.23	510.63	552.42	552.42	552.42	543.99	543.99	543.99	583.21	583.21	583.21	521.98	521.98	521.98
10/14/97	507.23	510.75	550.80	550.80	550.80	549.81	549.81	549.81	579.01	579.01	579.01	522.01	522.01	522.01

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APL PLUME CONTAINMENT SYSTEM
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HYDE PARK RRT PROGRAM**

	Purge Wells		Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair		
Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
10/21/97	508.72	509.73	550.58	550.58	550.58	550.18	550.18	550.18	576.01	576.01	576.01	522.00	522.00	522.00
10/28/97	508.06	509.42	551.58	551.58	551.58	550.00	550.00	550.00	578.61	578.61	578.61	522.03	522.03	522.03
11/04/97	506.11	509.49	552.70	552.70	552.70	542.17	542.17	542.17	581.21	581.21	581.21	521.97	521.97	521.97
11/11/97	504.14	514.26	551.35	551.35	551.35	550.61	550.61	550.61	579.71	579.71	579.71	521.93	521.93	521.93
11/18/97	507.00	509.00	553.07	553.07	553.07	542.41	542.41	542.41	576.71	576.71	576.71	521.68	521.68	521.68
11/25/97	509.50	512.80	556.15	556.15	556.15	553.50	553.50	553.50	575.55	575.55	575.55	521.98	521.98	521.98
12/02/97	504.87	510.80	555.18	555.18	555.18	543.61	543.61	543.61	576.96	576.96	576.96	521.79	521.79	521.79
12/09/97	504.41	524.86	555.20	555.20	555.20	551.81	551.81	551.81	576.11	576.11	576.11	523.93	523.93	523.93
12/16/97	504.74	523.89	555.38	555.38	555.38	552.36	552.36	552.36	576.01	576.01	576.01	524.13	524.13	524.13
12/23/97	505.63	524.20	554.10	554.10	554.10	552.14	552.14	552.14	575.46	575.46	575.46	524.23	524.23	524.23
12/30/97	507.00	524.16	554.50	554.50	554.50	550.99	550.99	550.99	580.29	580.29	580.29	523.96	523.96	523.96
01/06/98	509.48	525.63	555.65	555.65	555.65	551.05	551.05	551.05	-	-	-	524.31	524.31	524.31
01/13/98	-	524.89	555.82	555.82	555.82	550.86	550.86	550.86	-	-	-	524.73	524.73	524.73
01/20/98	-	527.86	554.75	554.75	554.75	551.09	551.09	551.09	583.77	583.77	583.77	524.63	524.63	524.63
01/27/98	-	511.00	554.00	554.00	554.00	550.81	550.81	550.81	581.69	581.69	581.69	521.81	521.81	521.81
02/03/98	-	511.70	555.85	555.85	555.85	551.31	551.31	551.31	-	-	-	522.03	522.03	522.03
02/10/98	-	514.02	554.90	554.90	554.90	546.51	546.51	546.51	585.20	585.20	585.20	524.53	524.53	524.53
02/17/98	508.79	512.31	555.58	555.58	555.58	547.23	547.23	547.23	586.39	586.39	586.39	522.05	522.05	522.05
03/10/98	512.50	510.20	555.60	555.60	555.60	546.01	546.01	546.01	571.91	571.91	571.91	522.07	522.07	522.07
03/17/98	-	512.50	555.22	555.22	555.22	550.56	550.56	550.56	568.41	568.41	568.41	521.96	521.96	521.96
03/24/98	-	513.10	555.90	555.90	555.90	545.41	545.41	545.41	566.91	566.91	566.91	521.83	521.83	521.83
03/31/98	-	513.00	555.80	555.80	555.80	547.69	547.69	547.69	565.44	565.44	565.44	521.83	521.83	521.83
04/08/98	-	512.40	555.11	555.11	555.11	550.71	550.71	550.71	564.76	564.76	564.76	521.81	521.81	521.81
04/14/98	-	512.40	554.72	554.72	554.72	550.55	550.55	550.55	564.32	564.32	564.32	521.94	521.94	521.94
04/21/98	-	511.00	555.59	555.59	555.59	546.14	546.14	546.14	564.99	564.99	564.99	522.07	522.07	522.07
04/28/98	-	513.30	554.96	554.96	554.96	550.18	550.18	550.18	564.31	564.31	564.31	521.92	521.92	521.92
05/05/98	-	512.50	554.74	554.74	554.74	552.21	552.21	552.21	563.83	563.83	563.83	521.93	521.93	521.93
05/12/98	-	509.90	554.48	554.48	554.48	550.52	550.52	550.52	564.31	564.31	564.31	521.72	521.72	521.72
05/19/98	-	513.80	553.86	553.86	553.86	549.10	549.10	549.10	563.89	563.89	563.89	521.96	521.96	521.96
05/26/98	-	512.60	550.88	550.88	550.88	550.71	550.71	550.71	563.34	563.34	563.34	521.92	521.92	521.92
06/02/98	-	512.00	551.07	551.07	551.07	550.41	550.41	550.41	564.21	564.21	564.21	521.62	521.62	521.62
06/09/98	504.70	510.10	550.49	550.49	550.49	545.51	545.51	545.51	563.66	563.66	563.66	521.56	521.56	521.56
06/16/98	506.30	513.10	549.99	549.99	549.99	547.16	547.16	547.16	563.76	563.76	563.76	521.43	521.43	521.43

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	Purge Wells		Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair		
Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
06/23/98	508.80	509.60	550.48	550.48	550.48	543.41	543.41	543.41	563.83	563.83	563.83	521.95	521.95	521.95
06/30/98	507.70	512.50	550.54	550.54	550.54	543.93	543.93	543.93	563.28	563.28	563.28	521.66	521.66	521.66
07/07/98	505.40	511.30	550.41	550.41	550.41	543.40	543.40	543.40	563.59	563.59	563.59	520.77	520.77	520.77
08/07/98	507.70	512.00	550.41	550.41	550.41	553.41	553.41	553.41	565.67	565.67	565.67	521.23	521.23	521.23
09/01/98	505.80	512.40	550.70	550.70	550.70	550.41	550.41	550.41	567.21	567.21	567.21	521.83	521.83	521.83
10/08/98	506.60	512.30	550.75	550.75	550.75	550.57	550.57	550.57	565.56	565.56	565.56	521.85	521.85	521.85
11/02/98	506.30	510.00	550.48	550.48	550.48	552.34	552.34	552.34	563.01	563.01	563.01	521.33	521.33	521.33
12/10/98	510.08	512.15	550.45	550.45	550.45	547.41	547.41	547.41	561.54	561.54	561.54	521.83	521.83	521.83
01/21/99	511.20	511.60	550.20	550.20	550.20	547.71	547.71	547.71	560.01	560.01	560.01	524.43	524.43	524.43
02/23/99	509.70	511.40	553.27	553.27	553.27	558.77	558.77	558.77	561.79	561.79	561.79	521.33	521.33	521.33
03/17/99	506.10	512.70	552.80	552.80	552.80	551.03	551.03	551.03	563.36	563.36	563.36	521.83	521.83	521.83
04/09/99	507.40	513.10	552.90	552.90	552.90	551.91	551.91	551.91	563.31	563.31	563.31	522.43	522.43	522.43
05/06/99	507.30	513.70	552.67	552.67	552.67	555.66	555.66	555.66	567.11	567.11	567.11	521.98	521.98	521.98
06/04/99	507.06	512.07	553.50	553.50	553.50	556.44	556.44	556.44	589.49	589.49	589.49	522.01	522.01	522.01
07/01/99	507.03	513.40	551.68	551.68	551.68	555.97	555.97	555.97	579.26	579.26	579.26	521.61	521.61	521.61
07/29/99	505.30	513.50	551.40	551.40	551.40	555.96	555.96	555.96	575.01	575.01	575.01	521.55	521.55	521.55
09/17/99	506.20	512.40	551.02	551.02	551.02	555.50	555.50	555.50	575.12	575.12	575.12	521.75	521.75	521.75
10/04/99	506.40	510.60	554.10	554.10	554.10	559.37	559.37	559.37	586.91	586.91	586.91	521.63	521.63	521.63
11/02/99	505.80	513.14	551.45	551.45	551.45	549.23	549.23	549.23	579.63	579.63	579.63	524.63	524.63	524.63
12/14/99	505.70	511.50	554.25	554.25	554.25	556.86	556.86	556.86	572.91	572.91	572.91	521.58	521.58	521.58
01/04/00	505.70	511.50	555.60	555.60	555.60	549.83	549.83	549.83	571.99	571.99	571.99	521.70	521.70	521.70
02/03/00	505.70	511.50	551.90	551.90	551.90	553.21	553.21	553.21	581.29	581.29	581.29	521.84	521.84	521.84
03/03/00	505.70	511.50	555.60	555.60	555.60	554.05	554.05	554.05	566.86	566.86	566.86	521.88	521.88	521.88
03/15/00	505.70	511.50	555.48	555.48	555.48	552.61	552.61	552.61	567.65	567.65	567.65	522.09	522.09	522.09
03/22/00	505.70	511.50	555.61	555.61	555.61	554.03	554.03	554.03	564.63	564.63	564.63	521.82	521.82	521.82
03/29/00	505.70	511.50	555.22	555.22	555.22	551.13	551.13	551.13	559.79	559.79	559.79	522.01	522.01	522.01
04/06/00	507.50	514.20	555.45	555.45	555.45	557.83	557.83	557.83	565.12	565.12	565.12	521.97	521.97	521.97
04/12/00	-	-	556.27	556.27	556.27	558.42	558.42	558.42	561.50	561.50	561.50	521.99	521.99	521.99
04/19/00	-	-	555.76	555.76	555.76	557.18	557.18	557.18	561.40	561.40	561.40	521.97	521.97	521.97
04/26/00	-	-	556.10	556.10	556.10	557.45	557.45	557.45	565.55	565.55	565.55	521.97	521.97	521.97
05/03/00	-	-	555.28	555.28	555.28	556.01	556.01	556.01	561.26	561.26	561.26	521.98	521.98	521.98
05/04/00	508.30	510.30	555.24	555.24	555.24	556.50	556.50	556.50	564.36	564.36	564.36	521.83	521.83	521.83
05/10/00	-	-	554.65	554.65	554.65	555.43	555.43	555.43	561.60	561.60	561.60	521.98	521.98	521.98

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Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
05/17/00	-	-	554.48	554.48	554.48	557.41	557.41	557.41	565.22	565.22	565.22	521.93	521.93	521.93
05/24/00	-	-	556.54	556.54	556.54	556.28	556.28	556.28	563.43	563.43	563.43	521.89	521.89	521.89
05/31/00	-	-	555.80	555.80	555.80	556.02	556.02	556.02	561.51	561.51	561.51	521.88	521.88	521.88
06/07/00	509.00	511.90	555.37	555.37	555.37	556.39	556.39	556.39	561.48	561.48	561.48	521.95	521.95	521.95
06/14/00	-	-	555.90	555.90	555.90	554.11	554.11	554.11	562.14	562.14	562.14	521.98	521.98	521.98
06/22/00	-	-	556.05	556.05	556.05	556.51	556.51	556.51	562.27	562.27	562.27	521.98	521.98	521.98
06/28/00	-	-	555.71	555.71	555.71	553.94	553.94	553.94	561.78	561.78	561.78	521.96	521.96	521.96
07/07/00	521.70	512.80	554.29	554.29	554.29	557.45	557.45	557.45	568.97	568.97	568.97	521.95	521.95	521.95
07/12/00	-	-	554.79	554.79	554.79	554.90	554.90	554.90	563.95	563.95	563.95	521.95	521.95	521.95
07/19/00	-	-	554.50	554.50	554.50	554.91	554.91	554.91	561.08	561.08	561.08	521.91	521.91	521.91
07/26/00	-	-	552.19	552.19	552.19	554.56	554.56	554.56	564.58	564.58	564.58	521.88	521.88	521.88
08/03/00	509.30	512.60	554.95	554.95	554.95	555.71	555.71	555.71	568.79	568.79	568.79	521.95	521.95	521.95
08/09/00	-	-	554.70	554.70	554.70	550.93	550.93	550.93	565.20	565.20	565.20	521.91	521.91	521.91
08/16/00	-	-	551.68	551.68	551.68	503.01	503.01	503.01	560.90	560.90	560.90	521.90	521.90	521.90
08/24/00	-	-	554.65	554.65	554.65	555.45	555.45	555.45	562.51	562.51	562.51	521.91	521.91	521.91
08/31/00	-	-	550.82	550.82	550.82	554.86	554.86	554.86	560.40	560.40	560.40	521.76	521.76	521.76
09/07/00	506.70	513.30	548.52	548.52	548.52	552.71	552.71	552.71	546.76	546.76	546.76	529.90	529.90	529.90
09/13/00	-	-	553.39	553.39	553.39	557.28	557.28	557.28	560.61	560.61	560.61	522.00	522.00	522.00
09/20/00	-	-	550.67	550.67	550.67	554.76	554.76	554.76	560.63	560.63	560.63	521.91	521.91	521.91
09/27/00	-	-	551.96	551.96	551.96	554.65	554.65	554.65	560.12	560.12	560.12	521.84	521.84	521.84
10/05/00	506.70	512.20	553.01	553.01	553.01	557.95	557.95	557.95	567.44	567.44	567.44	521.87	521.87	521.87
11/03/00	509.03	510.50	548.49	548.49	548.49	551.03	551.03	551.03	564.91	564.91	564.91	519.91	519.91	519.91
12/06/00	505.30	510.30	552.48	552.48	552.48	552.19	552.19	552.19	566.89	566.89	566.89	519.91	519.91	519.91
01/11/01	505.10	513.50	551.95	551.95	551.95	552.31	552.31	552.31	567.58	567.58	567.58	521.83	521.83	521.83
01/17/01	-	-	551.93	551.93	551.93	552.55	552.55	552.55	567.58	567.58	567.58	521.93	521.93	521.93
01/25/01	-	-	551.70	551.70	551.70	553.75	553.75	553.75	568.04	568.04	568.04	521.85	521.85	521.85
02/01/01	507.70	514.10	552.46	552.46	552.46	552.36	552.36	552.36	569.35	569.35	569.35	521.98	521.98	521.98
02/07/01	-	-	550.85	550.85	550.85	551.48	551.48	551.48	568.36	568.36	568.36	521.95	521.95	521.95
02/15/01	-	-	550.72	550.72	550.72	553.88	553.88	553.88	568.08	568.08	568.08	521.94	521.94	521.94
02/22/01	-	-	550.25	550.25	550.25	556.36	556.36	556.36	567.60	567.60	567.60	526.05	526.05	526.05
03/01/01	507.60	510.60	550.43	550.43	550.43	553.41	553.41	553.41	569.41	569.41	569.41	521.98	521.98	521.98
03/07/01	-	-	549.85	549.85	549.85	558.31	558.31	558.31	567.58	567.58	567.58	525.83	525.83	525.83
03/15/01	-	-	550.35	550.35	550.35	552.63	552.63	552.63	569.16	569.16	569.16	521.93	521.93	521.93

**HYDRAULIC GRADIENT SUMMARY
APL PLUME CONTAINMENT SYSTEM
THIRD, QUARTER - 2005
HYDE PARK RRT PROGRAM**

	Purge Wells		Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair		
Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
03/21/01	-	-	550.54	550.54	550.54	556.39	556.39	556.39	569.76	569.76	569.76	521.93	521.93	521.93
03/28/01	-	-	549.30	549.30	549.30	553.09	553.09	553.09	569.15	569.15	569.15	521.98	521.98	521.98
04/09/01	508.03	510.40	548.53	548.53	548.53	558.83	558.83	558.83	569.66	569.66	569.66	521.99	521.99	521.99
04/18/01	-	-	548.58	548.58	548.58	557.26	557.26	557.26	588.08	588.08	588.08	523.70	523.70	523.70
04/25/01	-	-	548.42	548.42	548.42	556.36	556.36	556.36	568.98	568.98	568.98	521.73	521.73	521.73
05/11/01	549.08	527.20	553.44	553.44	553.44	555.03	555.03	555.03	568.82	568.82	568.82	525.63	525.63	525.63
06/13/01	526.70	512.80	543.97	543.97	543.97	553.45	553.45	553.45	568.78	568.78	568.78	521.99	521.99	521.99
06/20/01	-	-	545.75	545.75	545.75	565.91	565.91	565.91	567.73	567.73	567.73	521.93	521.93	521.93
06/27/01	-	-	538.63	538.63	538.63	556.96	556.96	556.96	567.68	567.68	567.68	521.93	521.93	521.93
07/02/01	506.80	513.90	537.58	537.58	537.58	557.39	557.39	557.39	567.65	567.65	567.65	521.90	521.90	521.90
07/11/01	-	-	537.67	537.67	537.67	557.26	557.26	557.26	567.38	567.38	567.38	521.87	521.87	521.87
07/18/01	-	-	538.08	538.08	538.08	557.11	557.11	557.11	566.73	566.73	566.73	521.85	521.85	521.85
07/25/01	-	-	539.16	539.16	539.16	556.51	556.51	556.51	566.48	566.48	566.48	521.88	521.88	521.88
08/03/01	506.20	565.43	539.87	539.87	539.87	556.59	556.59	556.59	566.07	566.07	566.07	533.53	533.53	533.53
08/08/01	-	-	549.70	549.70	549.70	557.21	557.21	557.21	566.27	566.27	566.27	522.01	522.01	522.01
08/15/01	-	-	549.74	549.74	549.74	556.52	556.52	556.52	566.54	566.54	566.54	524.22	524.22	524.22
08/22/01	-	-	548.80	548.80	548.80	557.64	557.64	557.64	566.41	566.41	566.41	523.58	523.58	523.58
08/29/01	-	-	548.65	548.65	548.65	557.51	557.51	557.51	566.30	566.30	566.30	523.23	523.23	523.23
09/05/01	-	-	548.30	548.30	548.30	559.41	559.41	559.41	566.18	566.18	566.18	521.93	521.93	521.93
09/06/01	507.70	513.80	548.10	548.10	548.10	556.56	556.56	556.56	565.95	565.95	565.95	521.97	521.97	521.97
09/12/01	-	-	548.40	548.40	548.40	559.31	559.31	559.31	566.38	566.38	566.38	521.73	521.73	521.73
09/19/01	-	-	537.60	537.60	537.60	557.21	557.21	557.21	565.58	565.58	565.58	523.93	523.93	523.93
09/26/01	-	-	546.80	546.80	546.80	550.91	550.91	550.91	567.08	567.08	567.08	521.83	521.83	521.83
10/03/01	-	-	541.88	541.88	541.88	557.79	557.79	557.79	564.76	564.76	564.76	521.43	521.43	521.43
10/10/01	-	-	549.00	549.00	549.00	557.91	557.91	557.91	564.81	564.81	564.81	521.83	521.83	521.83
10/17/01	-	-	549.00	549.00	549.00	554.01	554.01	554.01	566.61	566.61	566.61	521.83	521.83	521.83
10/19/01	507.50	513.50	549.43	549.43	549.43	556.06	556.06	556.06	565.21	565.21	565.21	521.87	521.87	521.87
10/24/01	-	-	549.10	549.10	549.10	555.81	555.81	555.81	564.91	564.91	564.91	521.93	521.93	521.93
10/31/01	-	-	549.10	549.10	549.10	557.81	557.81	557.81	564.81	564.81	564.81	521.83	521.83	521.83
11/06/01	510.50	509.70	548.54	548.54	548.54	552.43	552.43	552.43	565.01	565.01	565.01	521.82	521.82	521.82
11/14/01	-	-	546.80	546.80	546.80	550.31	550.31	550.31	565.11	565.11	565.11	521.83	521.83	521.83
11/20/01	-	-	548.60	548.60	548.60	550.51	550.51	550.51	565.51	565.51	565.51	521.83	521.83	521.83
11/28/01	-	-	549.60	549.60	549.60	552.51	552.51	552.51	566.31	566.31	566.31	521.83	521.83	521.83

HYDRAULIC GRADIENT SUMMARY
APL PLUME CONTAINMENT SYSTEM
THIRD, QUARTER - 2005
HYDE PARK RRT PROGRAM

	Purge Wells		Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair			Monitoring Well Pair		
Well I.D.:	APW-1	APW-2	ABP-1	ABP-2	Hydraulic	ABP-3	ABP-4	Hydraulic	ABP-5	ABP-6	Hydraulic	ABP-7	ABP-8	Hydraulic
Location:			(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient	(outer)	(inner)	Gradient
Casing Elevation (ft. AMSL):	565.53	570.55	571.68	576.00		592.41	589.41		590.44	589.91		575.61	576.43	
Ground Elevation (ft. AMSL):	569.0	574.0	571.9	574.9		591.1	588.1		589.3	590.4		574.4	575.1	
12/05/01	510.80	513.70	549.84	549.84	549.84	551.20	551.20	551.20	565.73	565.73	565.73	521.93	521.93	521.93
12/12/01	-	-	549.10	549.10	549.10	551.41	551.41	551.41	565.81	565.81	565.81	521.83	521.83	521.83
12/19/01	-	-	551.90	551.90	551.90	551.41	551.41	551.41	566.91	566.91	566.91	522.03	522.03	522.03
12/26/01	-	-	552.10	552.10	552.10	551.61	551.61	551.61	567.11	567.11	567.11	521.83	521.83	521.83
01/10/02	509.00	513.50	-	-	-	-	-	-	-	-	-	-	-	-
01/16/02	-	-	552.60	552.60	552.60	551.71	551.71	551.71	567.01	567.01	567.01	521.93	521.93	521.93
02/13/02	-	-	553.10	553.10	553.10	551.71	551.71	551.71	568.31	568.31	568.31	521.63	521.63	521.63
02/20/02	-	-	553.30	553.30	553.30	552.91	552.91	552.91	567.71	567.71	567.71	521.93	521.93	521.93
02/28/02	510.30	509.80	551.85	551.85	551.85	552.36	552.36	552.36	567.25	567.25	567.25	522.01	522.01	522.01
03/07/02	-	-	553.80	553.80	553.80	553.61	553.61	553.61	567.51	567.51	567.51	521.93	521.93	521.93
03/20/02	-	-	553.95	553.95	553.95	552.45	552.45	552.45	567.54	567.54	567.54	521.89	521.89	521.89
03/27/02	-	-	552.70	552.70	552.70	550.91	550.91	550.91	568.01	568.01	568.01	521.83	521.83	521.83
04/03/02	-	-	554.03	554.03	554.03	558.06	558.06	558.06	567.35	567.35	567.35	522.81	522.81	522.81
04/16/02	-	-	554.60	554.60	554.60	554.61	554.61	554.61	569.01	569.01	569.01	521.93	521.93	521.93
04/25/02	-	-	553.90	553.90	553.90	553.31	553.31	553.31	568.06	568.06	568.06	521.53	521.53	521.53
05/02/02	-	-	554.30	554.30	554.30	557.01	557.01	557.01	569.61	569.61	569.61	523.13	523.13	523.13
05/10/02	-	-	554.20	554.20	554.20	554.41	554.41	554.41	568.51	568.51	568.51	521.83	521.83	521.83
06/05/02	-	-	553.20	553.20	553.20	552.41	552.41	552.41	568.21	568.21	568.21	522.43	522.43	522.43
06/12/02	-	-	548.20	548.20	548.20	554.01	554.01	554.01	567.71	567.71	567.71	521.93	521.93	521.93