TABLES

TABLE 2-1
SUMMARY OF SOIL PHYSICAL PARAMETERS
KRY SITE

Sample Number	Sample Date	Well	Sample Depth (ft bgs)	Moisture Content (%)	Specific Gravity[A]	Porosity (%)	pH	Unified Soil Classification[B]	TOC (%)
KRY113ASB001	5/23/2006	KRY113A	5 – 18	1.4	2.721	19*	7.96	GP-GM	---
KRY115ASB001	5/4/2006	KRY115A	10 – 15	11.4	2.701	24	9.12	CL[1]	---
KRY115ASB002	5/4/2006	KRY115A	23 – 27	3.6	NA	NA	8.10	SP-SM	---
KRY121ASB001	5/4/2006	KRY121A	10 – 15	17.7	2.494	23	7.97	CL[2]	---
KRY121ASB002	5/4/2006	KRY121A	24 – 28.5	7.5	2.683	18	7.48	SW-SM	---
KRY139BSB001	6/10/2006	KRY139B	30 - 42	21.4	2.662	36	7.71	CL[3]	---
KRY121BSB001	4/20/2006	KRY121B	12.5 – 15	---	---	---	---	---	2.24
KRY121BSB002	4/20/2006	KRY121B	25 – 27	---	---	---	---	---	1.77

Notes:
* 8% saturated moisture content used for porosity calculation
[A] Analyzed by American Association of State Highway and Transportation Officials (AASHTO) test method T100
[B] Analyzed by ASTM Method D2487

bgs Below ground surface
CL[1] Sandy lean clay with gravel
CL[2] Sandy lean clay
CL[3] Lean clay
GP-GM Poorly graded gravel with silt
SP-SM Poorly graded sand with silt
SW-SM Well graded sand with silt and gravel
TOC Total organic carbon
NA Not applicable
--- No Data

TABLE 2-2a
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						July 2006				August 2006				September 2006				October 2006						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Jul to Aug	Change Aug to Sept	Change Sept to Oct
CLCW-1	---	---	---	Top of PVC	2935.61			22.70	2912.91			24.37	2911.24			24.38	2911.23			23.64	2911.97	-1.67	-0.01	0.74
GW-1	11.9	21.9	24.0	Top of PVC	2933.94			13.20	2920.74			14.36	2919.58			14.87	2919.07			17.71	2916.23	-1.16	-0.51	-2.84
GW-5	14.0	24.0	24.5	Top of PVC	2934.64			18.90	2915.74			20.25	2914.39			20.59	2914.05			20.16	2914.48	-1.35	-0.34	0.43
GWRM-1	15.0	25.0	25.0	Top of PVC	Unknown			19.07	---			---	---			---	---			---	---			
GWRM-2	15.0	25.0	25.0	Top of PVC	Unknown			17.83	---			---	---			---	---			---	---			
GWRR-1	11.9	21.9	24.0	Top of PVC	2929.32			13.00	2916.32			14.3	2915.02			14.64	2914.68			14.23	2915.09	-1.30	-0.34	0.41
GWRR-2	12.85	22.85	25.0	Top of PVC	2932.54			16.94	2915.60			18.33	2914.21			18.64	2913.90			18.21	2914.33	-1.39	-0.31	0.43
GWRR-3	8.65	18.65	20.0	Top of PVC	2928.75			11.63	2917.12			11.65	2917.10			11.70	2917.05	11.68	0.01	11.69	2917.07	-0.02	-0.05	0.02
GWRR-4	4.75	14.75	20.0	Top of PVC	2931.76			12.10	2919.66			12.46	2919.30			13.10	2918.66			13.44	2918.32	-0.36	-0.64	-0.34
GWRR-5	13.0	23.0	23.3	Top of PVC	2932.36	16.81	0.03	16.84	2915.54			18.15	2914.21			18.45	2913.91			18.02	2914.34	-1.33	-0.30	0.43
GWRR-6	4.75	14.75	25.0	Top of PVC	2930.34			10.19	2920.15			10.37	2919.97			10.69	2919.65			10.89	2919.45	-0.18	-0.32	-0.20
GWRR-7	6.25	16.25	16.5	Top of PVC	2931.12	11.56	0.45	12.01	2919.48	11.74	0.02	11.76	2919.38	12.06	0.24	12.30	2919.02	12.15	0.38	12.53	2918.90	-0.11	-0.36	-0.11
GWRR-8	20.5	30.5	32.0	Top of PVC	2938.15			22.48	2915.67			23.85	2914.30			24.20	2913.95			23.76	2914.39	-1.37	-0.35	0.44
GWRR-9	16.0	26.0	28.0	Top of PVC	2934.27			locked	---	20.08	0.03	20.11	2914.18			20.42	2913.85			19.98	2914.29		-0.33	0.44
GWY-3	10.0	30.0	30.0	Top of PVC	2934.92			13.72	2921.20			14.64	2920.28			15.53	2919.39			15.57	2919.35	-0.92	-0.89	-0.04
GWY-4	10.0	30.0	30.0	Top of PVC	2934.06			18.56	2915.50			19.99	2914.07	20.24	0.01	20.25	2913.82			19.88	2914.18	-1.43	-0.25	0.36
GWY-10	10.0	30.0	30.0	Top of PVC	2933.75			18.27	2915.48			19.68	2914.07			19.99	2913.76			19.6	2914.15	-1.41	-0.31	0.39
GWY-12	10.0	30.0	30.0	Top of PVC	2933.13			17.55	2915.58			18.98	2914.15			19.27	2913.86			18.89	2914.24	-1.43	-0.29	0.38
GWY-13	10.0	30.0	30.0	Top of PVC	2932.56			17.03	2915.53			18.46	2914.10	18.74	0.01	18.75	2913.82			18.36	2914.20	-1.43	-0.28	0.38
GWY-14	10.0	30.0	30.0	Top of PVC	2934.62			22.41	2912.21			24	2910.62			24.03	2910.59			23.21	2911.41	-1.59	-0.03	0.82
KPT-1	13.0	28.0	29.0	Top of PVC	2939.84			18.99	2920.85			20.15	2919.69			20.65	2919.19			20.51	2919.33	-1.16	-0.50	0.14
KPT-2	13.0	28.0	29.0	Top of Steel	2938.55			17.78	2920.77			18.99	2919.56	19.48	0.01	19.49	2919.07			19.34	2919.21	-1.21	-0.49	0.14
KPT-3	13.0	28.0	29.0	Top of PVC	2937.17	16.88	0.05	16.93	2920.28			18.09	2919.08	18.59	0.01	18.60	2918.58	18.39	0.06	18.45	2918.77	-1.20	-0.50	0.19
KPT-4	13.0	28.0	29.0	Top of PVC	2935.44			17.95	2917.49			19.31	2916.13			19.75	2915.69			19.44	2916.00	-1.36	-0.44	0.31
KPT-5	13.0	28.0	29.0	Top of PVC	2934.66			17.66	2917.00			19.09	2915.57			19.48	2915.18			19.09	2915.57	-1.43	-0.39	0.39
KPT-6	13.0	28.0	29.0	Top of PVC	2936.18			15.95	2920.23			17.15	2919.03			17.64	2918.54			17.46	2918.72	-1.20	-0.49	0.18
KPT-7	12.5	27.5	28.5	Top of PVC	2935.31			17.27	2918.04			18.48	2916.83			18.87	2916.44			18.56	2916.75	-1.21	-0.39	0.31
KPT-8	110.0	120.0	122.0	Top of PVC	2935.16			17.18	2917.98			18.41	2916.75			18.79	2916.37			18.51	2916.65	-1.23	-0.38	0.28
KPT-9	6.0	16.0	23.0	Top of Steel	2925.77			6.39	2919.38			7.41	2918.36			7.82	2917.95			7.68	2918.09	-1.02	-0.41	0.14
KPT-10	8.0	23.0	27.0	Top of PVC	2925.35			8.90	2916.45			10.28	2915.07			10.60	2914.75			10.19	2915.16	-1.38	-0.32	0.41
KPT-11	52.0	72.0	74.0	Top of PVC	2925.84			9.48	2916.36			10.84	2915.00			11.11	2914.73			10.7	2915.14	-1.36	-0.27	0.41
KPT-12	14.0	24.0	24.5	Top of PVC	2939.51			18.70	2920.81			19.93	2919.58			20.44	2919.07			20.25	2919.26	-1.23	-0.51	0.19
KPT-13	109.0	119.0	120.0	Top of PVC	2927.55			8.59	2918.96			9.68	2917.87			10.11	2917.44			9.84	2917.71	-1.09	-0.43	0.27
KPT-14	96.0	106.0	109.0	Top of PVC	2925.95			9.64	2916.31			10.96	2914.99			11.29	2914.66			10.88	2915.07	-1.32	-0.33	0.41
KPT-15	101.0	111.0	117.0	Top of PVC	2934.80			19.12	2915.68			20.48	2914.32			20.82	2913.98			20.37	2914.43	-1.36	-0.34	0.45
KPT-16	14.0	29.0	29.5	Top of PVC	2935.66			19.91	2915.75			21.27	2914.39			21.63	2914.03			21.21	2914.45	-1.36	-0.36	0.42
KPT-17	7.5	12.5	13.0	Top of PVC	2929.58			10.59	2918.99			10.7	2918.88			10.99	2918.59			11.11	2918.47	-0.11	-0.29	-0.12
KPT-18	24.0	34.0	34.5	Top of PVC	2929.71			12.55	2917.16			12.83	2916.88			13.04	2916.67			13.11	2916.60	-0.28	-0.21	-0.07
KPT-19	13.00	23.00	23.50	Top of PVC	2932.89			16.63	2916.26			17.98	2914.91			18.29	2914.60			17.88	2915.01	-1.35	-0.31	0.41
KPT-20	10.00	20.00	20.00	Top of PVC	2932.90			16.18	2916.72			17.48	2915.42			17.81	2915.09			17.46	2915.44	-1.30	-0.33	0.35
KPT-21	8.00	23.00	23.00	Top of PVC	2933.50			17.30	2916.20			18.64	2914.86			18.97	2914.53			18.56	2914.94	-1.34	-0.33	0.41
KPT-22	6.00	16.00	16.00	Top of PVC	2926.78			10.33	2916.45			11.67	2915.11			11.98	2914.80			11.58	2915.20	-1.34	-0.31	0.40
KRY100A	6	26	28	Top of PVC	2936.60			10.06	2926.54			10.88	2925.72			11.26	2925.34			11.2	2925.40	-0.82	-0.38	0.06
KRY101A	9	29	31	Top of PVC	2941.08			16.22	2924.86			17.31	2923.77			17.77	2923.31			17.69	2923.39	-1.09	-0.46	0.08
KRY101B	85	95	100	Top of PVC	2940.80			16.29	2924.51			17.4	2923.40			17.88	2922.92			17.75	2923.05	-1.11	-0.48	0.13
KRY102A	13	33	33.5	Top of PVC	2945.27			23.91	2921.36			25.15	2920.12			25.67	2919.60			25.52	2919.75	-1.24	-0.52	0.15
KRY102B	95	105	110	Top of PVC	2945.26			23.89	2921.37			25.11	2920.15			25.62	2919.64			25.49	2919.77	-1.22	-0.51	0.13
KRY103A	5	25	27	Top of PVC	2940.30			12.69	2927.61			13.45	2926.85			13.82	2926.48			13.77	2926.53	-0.76	-0.37	0.05
KRY103B	55	65	70	Top of PVC	2939.94			12.23	2927.71			12.98	2926.96			13.34	2926.60			13.13	2926.81	-0.75	-0.36	0.21
KRY104A	20	40	40.5	Top of PVC	2946.68			25.84	2920.84			27.18	2919.50			27.72	2918.96			27.57	2919.11	-1.34	-0.54	0.15
KRY105A	5	25	27	Top of PVC	2932.27			7.37	2924.90			8.3	2923.97			8.69	2923.58	8.55	0.01	8.56	2923.72	-0.93	-0.39	0.14
KRY106A	6	26	28	Top of PVC	2932.25			10.28	2921.97			11.45	2920.80			11.90	2920.35			11.77	2920.48	-1.17	-0.45	0.13

TABLE 2-2a
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						July 2006				August 2006				September 2006				October 2006						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Jul to Aug	Change Aug to Sept	Change Sept to Oct
KRY106B	73	83	88	Top of PVC	2932.42			10.22	2922.20			11.4	2921.02			11.83	2920.59			11.67	2920.75	-1.18	-0.43	0.16
KRY107A	9	29	29.5	Top of PVC	2938.92			18.10	2920.82			19.32	2919.60			19.85	2919.07			19.64	2919.28	-1.22	-0.53	0.21
KRY107B	121	131	136	Top of PVC	2938.73			20.55	2918.18			21.85	2916.88			22.35	2916.38			22.07	2916.66	-1.30	-0.50	0.28
KRY108A	10	30	32	Top of PVC	2941.11			20.18	2920.93			21.35	2919.76			21.85	2919.26			21.73	2919.38	-1.17	-0.50	0.12
KRY109A	5	25	27	Top of PVC	2928.85			10.10	2918.75			10.7	2918.15			10.99	2917.86			10.99	2917.86	-0.60	-0.29	0.00
KRY110A	35	55	55	Top of PVC	2926.90			8.17	2918.73			9.13	2917.77			9.55	2917.35			9.42	2917.48	-0.96	-0.42	0.13
KRY110B	76	86	91	Top of PVC	2926.96			9.01	2917.95			10.04	2916.92			10.43	2916.53			10.2	2916.76	-1.03	-0.39	0.23
KRY111A	5	25	25.5	Top of PVC	2936.61			19.80	2916.81			21.21	2915.40			21.62	2914.99			21.23	2915.38	-1.41	-0.41	0.39
KRY111B	123	133	138	Top of PVC	2936.96			18.82	2918.14			21	2915.96			20.55	2916.41			20.21	2916.75	-2.18	0.45	0.34
KRY112A	9	29	29.5	Top of PVC	2935.59			18.50	2917.09			20.08	2915.51			20.58	2915.01			20.22	2915.37	-1.58	-0.50	0.36
KRY112B	110	120	125	Top of PVC	2935.78			18.75	2917.03			20.04	2915.74			20.54	2915.24			20.23	2915.55	-1.29	-0.50	0.31
KRY113A	15	35	37	Top of PVC	2940.77			19.72	2921.05			20.98	2919.79			21.46	2919.31			21.32	2919.45	-1.26	-0.48	0.14
KRY113B	102	112	117	Top of PVC	2940.96			20.23	2920.73			21.53	2919.43			21.96	2919.00			21.81	2919.15	-1.30	-0.43	0.15
KRY114A	7	27	29	Top of PVC	2934.65	18.55	0.85	19.40	2915.95	19.55	0.94	20.49	2914.94	19.89	0.01	19.90	2914.76	19.54	0.04	19.58	2915.10	-1.02	-0.18	0.34
KRY114B	108	118	122	Top of PVC	2935.09			18.65	2916.44			19.85	2915.24			20.19	2914.90			19.75	2915.34	-1.20	-0.34	0.44
KRY115A	12	32	32.5	Top of PVC	2936.78			21.05	2915.73			22.42	2914.36			22.73	2914.05			22.31	2914.47	-1.37	-0.31	0.42
KRY115B	107	117	122	Top of PVC	2936.68			20.63	2916.05			21.97	2914.71			22.41	2914.27			22.04	2914.64	-1.34	-0.44	0.37
KRY116A	7	27	29.5	Top of PVC	2931.53			15.10	2916.43			16.42	2915.11			16.98	2914.55			16.68	2914.85	-1.32	-0.56	0.30
KRY116B	95.5	105.5	110.5	Top of PVC	2931.97			15.70	2916.27			17.03	2914.94			17.53	2914.44			17.21	2914.76	-1.33	-0.50	0.32
KRY117A	5	29	27	Top of PVC	2929.25			13.75	2915.50			15.07	2914.18			15.39	2913.86			14.98	2914.27	-1.32	-0.32	0.41
KRY118A	6	26	28	Top of PVC	2924.44			11.25	2913.19			12.44	2912.00			12.57	2911.87			11.45	2912.99	-1.19	-0.13	1.12
KRY118B	95	105	110	Top of PVC	2924.21			11.45	2912.76			12.54	2911.67			12.25	2911.96	11.23	0.01	11.24	2912.98	-1.09	0.29	1.02
KRY119A	5	25	25	Top of PVC	2929.69			13.75	2915.94			14.08	2915.61			14.21	2915.48	14.23	0.01	14.24	2915.46	-0.33	-0.13	-0.02
KRY121A	12	32	32.5	Top of PVC	2937.39			21.80	2915.59			23.18	2914.21			23.49	2913.90			23.04	2914.35	-1.38	-0.31	0.45
KRY121B	119	129	134	Top of PVC	2937.35			21.90	2915.45			23.26	2914.09			23.56	2913.79			23.1	2914.25	-1.36	-0.30	0.46
KRY122A	7	27	29	Top of PVC	2930.07			14.23	2915.84			15.65	2914.42			16.16	2913.91			15.96	2914.11	-1.42	-0.51	0.20
KRY122B	83	93	98	Top of PVC	2929.80			14.12	2915.68			15.47	2914.33			15.91	2913.89			15.68	2914.12	-1.35	-0.44	0.23
KRY123A	5	25	25	Top of PVC	2928.93			16.40	2912.53			17.85	2911.08			17.65	2911.28			16.41	2912.52	-1.45	0.20	1.24
KRY125A	5	25	25	Top of PVC	2934.75			15.50	2919.25			15.81	2918.94			16.14	2918.61			16.29	2918.46	-0.31	-0.33	-0.15
KRY125B	116	126	126	Top of PVC	2934.40			22.84	2911.56			24.21	2910.19			24.53	2909.87			24.27	2910.13	-1.37	-0.32	0.26
KRY126A	5	25	27	Top of PVC	2927.54			15.05	2912.49			16.55	2910.99			16.31	2911.23			15.06	2912.48	-1.50	0.24	1.25
KRY127A	5	25	27	Top of PVC	2923.05			11.08	2911.97			13.6	2909.45			12.07	2910.98			10.53	2912.52	-2.52	1.53	1.54
KRY128A	5	25	27.5	Top of PVC	2928.07			14.69	2913.38			16.24	2911.83			16.05	2912.02			14.92	2913.15	-1.55	0.19	1.13
KRY128B	145	155	160	Top of PVC	2928.05			16.56	2911.49			17.98	2910.07			17.82	2910.23			17	2911.05	-1.42	0.16	0.82
KRY129A	9	29	31	Top of PVC	2931.84			14.28	2917.56			12.69	2919.15			11.88	2919.96			11.55	2920.29	1.59	0.81	0.33
KRY129B	127	137	142	Top of PVC	2931.10			20.74	2910.36			22.1	2909.00			22.33	2908.77			21.91	2909.19	-1.36	-0.23	0.42
KRY130A	25	45	45	Top of PVC	2926.68			15.80	2910.88			16.17	2910.51			17.03	2909.65			16.14	2910.54	-0.37	-0.86	0.89
KRY130B	153	163	168	Top of PVC	2926.85			16.14	2910.71			17.51	2909.34			17.35	2909.50			16.55	2910.30	-1.37	0.16	0.80
KRY132A	6	26	28.5	Top of PVC	2930.75			9.50	2921.25			10.51	2920.24			10.92	2919.83			10.82	2919.93	-1.01	-0.41	0.10
KRY133A	8	28	30	Top of PVC	2939.44			18.61	2920.83			19.82	2919.62			20.31	2919.13			20.15	2919.29	-1.21	-0.49	0.16
KRY134A	8	28	30	Top of PVC	2935.11			18.72	2916.39			20.05	2915.06			20.39	2914.72			19.98	2915.13	-1.33	-0.34	0.41
KRY135A	5	25	25	Top of PVC	2931.22	13.10	2.15	15.25	2917.75	13.83	0.17	14	2917.36	13.76	0.01	13.77	2917.46	13.84	2.62	16.46	2916.93	-0.39	0.10	-0.53
KRY136A	5	25	25	Top of PVC	2935.39	19.67	0.47	20.14	2915.64	20.98	0.39	21.37	2914.34	21.28	0.02	21.30	2914.11	20.85	0.28	21.13	2914.49	-1.30	-0.24	0.39
KRY137A	5	25	25	Top of PVC	2929.90			11.25	2918.65			11.5	2918.40			11.91	2917.99			12.07	2917.83	-0.25	-0.41	-0.16
KRY138A	5	25	25	Top of PVC	2934.14	19.61	0.04	19.65	2914.52	20.87	0.01	20.88	2913.27			21.25	2912.89			20.8	2913.34	-1.25	-0.38	0.45
KRY139A	7	27	29	Top of PVC	2919.51			10.95	2908.56			12.15	2907.36			12.54	2906.97			12.41	2907.10	-1.20	-0.39	0.13
KRY139B	166	176	181	Top of PVC	2919.24			10.23	2909.01			11.52	2907.72			11.81	2907.43			11.45	2907.79	-1.29	-0.29	0.36
NTL-MW-3	5.2	15.2	15.2	Top of PVC	2915.31			--	---			7.08	2908.23			7.29	2908.02			6.94	2908.37		-0.21	0.35
NTL-MW-4	5.70	15.70	16.00	Top of PVC	2917.76			--	---			11.19	2906.57			11.55	2906.21			11.39	2906.37		-0.36	0.16
NW-1	10.0	30.0	30.5	Top of PVC	2923.79			16.54	2907.25			---	---			---	---			---	---			
NW-2	11.5	26.5	26.9	Top of PVC	2919.14			13.47	2905.67			---	---			---	---			---	---			
NW-4	12.2	32.2	33.0	Top of PVC	2925.77			18.58	2907.19			---	---			---	---			---	---			

TABLE 2-2a
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						July 2006				August 2006				September 2006				October 2006						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Jul to Aug	Change Aug to Sept	Change Sept to Oct
PW-1	14.5	24.6	25.0	Top of PVC	2926.67			18.92	2907.75			20.39	2906.28			20.44	2906.23			19.78	2906.89	-1.47	-0.05	0.66
PW-2C	15.0	25.0	25.0	Top of PVC	2924.58			18.46	2906.12			---	---			---	---			---	---			
PW-2D	12.0	22.0	22.0	Top of PVC	2924.47			18.51	2905.96			---	---			---	---			---	---			
PW-3	12.0	22.0	22.0	Top of PVC	2922.55			16.04	2906.51			17.61	2904.94			17.59	2904.96			16.79	2905.76	-1.57	0.02	0.80
SW-9	10.0	20.0	20.0	Top of PVC	2922.82			14.11	2908.71			15.49	2907.33			15.75	2907.07			15.49	2907.33	-1.38	-0.26	0.26
OMW1	12.0	27.0	27.5	Top of PVC	2929.20			--	---			10.56	2918.64			11.01	2918.19			10.87	2918.33	---	-0.45	0.14
OMW2	12.0	27.0	27.5	Top of PVC	2934.84			--	---			19.38	2915.46			19.76	2915.08			19.22	2915.62	---	-0.38	0.54
OMW3	12.0	27.0	27.5	Top of PVC	2927.52			--	---			11.99	2915.53			12.29	2915.23			11.97	2915.55	---	-0.30	0.32
OMW4	12.0	27.0	27.5	Top of PVC	2935.10			--	---	20.03	1.37	21.4	2913.70	20.34	0.17	20.51	2914.59	19.97	0.09	20.06	2915.04	---	0.89	0.45
OMW5	Unknown	Unknown	Unknown	Top of PVC	2934.71			--	---	19.71	0.21	19.92	2914.79	20.08	0.04	20.12	2914.59	19.67	0.04	19.71	2915.00	---	-0.20	0.41
OMW6	Unknown	Unknown	Unknown	Top of PVC	2935.59			--	---			19.29	2916.30			19.73	2915.86			19.41	2916.18	---	-0.44	0.32
OSW1	11.0	26.0	26.0	Top of PVC	2936.24			--	---			16.61	2919.63			17.04	2919.20			16.86	2919.38	---	-0.43	0.18
OSW2	11.0	26.0	26.0	Top of PVC	2934.32			--	---			17.21	2917.11	17.63	0.02	17.65	2916.67			17.3	2917.02	---	-0.44	0.35
SBM1	17.0	28.0	30.6	Top of PVC	2936.64			--	---			19.72	2916.92			20.18	2916.46	19.85	0.05	19.9	2916.74	---	-0.46	0.28
SBM2	17.0	28.0	30.2	Top of PVC	2937.11			--	---			20.66	2916.45			21.09	2916.02			20.78	2916.33	---	-0.43	0.31

Notes:

1. Water level corrected for LNAPL in wells with LNAPL
2. Correction factor for wells with LNAPL $h_c = h_m + (H_o (d_o/d_w))$

h_c - Hydraulic head corrected
h_m - Measured elevation of hydrocarbon-water interface
H_o - Thickness of hydrocarbon layer
d_o - Hydrocarbon density (for diesel = 0.827)
d_w - Water density (assumed = 1.0)
ft - Feet

bgs - Below ground surface
amsl - Above mean sea level
GW - Groundwater
PVC - Polyvinyl chloride (well casing)
LNAPL - Light nonaqueous phase liquid (petroluem hydrocarbon, PCP)
SWL - Static water level

July water levels collected on July 11-12, 2006
August water levels collected on August 1-3, 2006
September water levels collected on September 5-7, 2006
October water levels collected on October 3-5, 2006
Blank cell indicates no measureable LNAPL present
--- Not measured

Note: Field notes that included "no evidence of product" and the presence of "brown flecks or algae" were eliminated from this data summary as product detected in the respective well.

TABLE 2-2b
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						November 2006				December 2006				January 2007				February 2007						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Nov to Dec	Change Dec to Jan	Change Jan to Feb
CLCW-1				Top of PVC	2935.61			23.60	2912.01			23.48	2912.13			23.56	2912.05			23.65	2911.96	0.12	-0.08	-0.09
GW-1	11.9	21.9	24.0	Top of PVC	2933.94			14.81	2919.13			14.66	2919.28			14.72	2919.22			14.84	2919.10	0.15	-0.06	-0.12
GW-5	14.0	24.0	24.5	Top of PVC	2934.64			20.20	2914.44			20.06	2914.58			20.10	2914.54			20.21	2914.43	0.14	-0.04	-0.11
GWRM-1	15.0	25.0	25.0	Top of PVC	Unknown			Gate locked	---			20.25	---			20.27	---			20.40	---	---	---	---
GWRM-2	15.0	25.0	25.0	Top of PVC	Unknown			Gate locked	---			19.01	---			19.03	---			19.15	---	---	---	---
GWRR-1	11.9	21.9	24.0	Top of PVC	2929.32			14.29	2915.03			14.17	2915.15			14.21	2915.11			14.33	2914.99	0.12	-0.04	-0.12
GWRR-2	12.85	22.85	25.0	Top of PVC	2932.54			18.23	2914.31			18.1	2914.44			18.12	2914.42	18.3	0.01	18.31	2914.23	0.13	-0.02	-0.19
GWRR-3	8.65	18.65	20.0	Top of PVC	2928.75			11.71	2917.04			11.75	2917.00			11.77	2916.98			11.8	2916.95	-0.04	-0.02	-0.03
GWRR-4	4.75	14.75	20.0	Top of PVC	2931.76			13.75	2918.01			14	2917.76			13.82	2917.94			14.17	2917.59	-0.25	0.18	-0.35
GWRR-5	13.0	23.0	23.3	Top of PVC	2932.36	18.05	0.01	18.06	2914.30	17.91	0.01	17.92	2914.44	17.93	0.03	17.96	2914.40	18.06	0.02	18.08	2914.28	0.14	-0.04	-0.12
GWRR-6	4.75	14.75	25.0	Top of PVC	2930.34			11.11	2919.23			11.44	2918.90			11.60	2918.74			11.7	2918.64	-0.33	-0.16	-0.10
GWRR-7	6.25	16.25	16.5	Top of PVC	2931.12	12.39	0.37	12.76	2918.36	12.57	0.60	13.17	2917.95	12.47	0.65	13.12	2918.00	12.6	0.30	12.9	2918.22	-0.41	0.05	0.22
GWRR-8	20.5	30.5	32.0	Top of PVC	2938.15			23.80	2914.35			23.62	2914.53			23.65	2914.50			23.76	2914.39	0.18	-0.03	-0.11
GWRR-9	16.0	26.0	28.0	Top of PVC	2934.27			20.00	2914.27			19.85	2914.42			19.91	2914.36	20	0.01	20.01	2914.26	0.15	-0.06	-0.10
GWY-3	10.0	30.0	30.0	Top of PVC	2934.92			16.01	2918.91			15.99	2918.93			15.34	2919.58			16.01	2918.91	0.02	0.65	-0.67
GWY-4	10.0	30.0	30.0	Top of PVC	2934.06			19.90	2914.16			19.75	2914.31			19.80	2914.26			19.92	2914.14	0.15	-0.05	-0.12
GWY-10	10.0	30.0	30.0	Top of PVC	2933.75			19.62	2914.13			19.48	2914.27			19.53	2914.22			19.65	2914.10	0.14	-0.05	-0.12
GWY-12	10.0	30.0	30.0	Top of PVC	2933.13			18.87	2914.26			18.75	2914.38			18.79	2914.34			18.91	2914.22	0.12	-0.04	-0.12
GWY-13	10.0	30.0	30.0	Top of PVC	2932.56			18.38	2914.18			18.34	2914.22			18.29	2914.27			18.4	2914.16	0.04	0.05	-0.11
GWY-14	10.0	30.0	30.0	Top of PVC	2934.62			23.19	2911.43			23.7	2910.92			23.11	2911.51			23.2	2911.42	-0.51	0.59	-0.09
KPT-1	13.0	28.0	29.0	Top of PVC	2939.84			20.62	2919.22			20.44	2919.40			20.48	2919.36			20.6	2919.24	0.18	-0.04	-0.12
KPT-2	13.0	28.0	29.0	Top of Steel	2938.55			19.40	2919.15	19.26	0.02	19.28	2919.27	19.31	0.05	19.36	2919.19	19.44	0.06	19.5	2919.05	0.12	-0.08	-0.14
KPT-3	13.0	28.0	29.0	Top of PVC	2937.17			18.50	2918.67	18.34	0.03	18.37	2918.80			18.40	2918.77	18.52	0.05	18.57	2918.60	0.13	-0.03	-0.17
KPT-4	13.0	28.0	29.0	Top of PVC	2935.44			19.49	2915.95			19.38	2916.06			19.39	2916.05			19.51	2915.93	0.11	-0.01	-0.12
KPT-5	13.0	28.0	29.0	Top of PVC	2934.66			19.17	2915.49			18.99	2915.67			19.07	2915.59			19.16	2915.50	0.18	-0.08	-0.09
KPT-6	13.0	28.0	29.0	Top of PVC	2936.18			17.55	2918.63			17.42	2918.76			17.48	2918.70	17.57	0.01	17.58	2918.60	0.13	-0.06	-0.10
KPT-7	12.5	27.5	28.5	Top of PVC	2935.31			18.65	2916.66			18.53	2916.78			18.59	2916.72			18.7	2916.61	0.12	-0.06	-0.11
KPT-8	110.0	120.0	122.0	Top of PVC	2935.16	18.55	0.01	18.56	2916.60			18.43	2916.73			18.50	2916.66	18.6	0.01	18.61	2916.55	0.13	-0.07	-0.11
KPT-9	6.0	16.0	23.0	Top of Steel	2925.77			7.81	2917.96			7.75	2918.02			7.80	2917.97			7.92	2917.85	0.06	-0.05	-0.12
KPT-10	8.0	23.0	27.0	Top of PVC	2925.35			10.25	2915.10			10.15	2915.20			10.20	2915.15			10.34	2915.01	0.10	-0.05	-0.14
KPT-11	52.0	72.0	74.0	Top of PVC	2925.84			10.77	2915.07			10.65	2915.19			10.70	2915.14	10.81	0.01	10.82	2915.02	0.12	-0.05	-0.12
KPT-12	14.0	24.0	24.5	Top of PVC	2939.51			20.35	2919.16			20.18	2919.33			20.25	2919.26	20.36	0.01	20.37	2919.14	0.17	-0.07	-0.12
KPT-13	109.0	119.0	120.0	Top of PVC	2927.55			9.94	2917.61			9.82	2917.73			9.86	2917.69			9.98	2917.57	0.12	-0.04	-0.12
KPT-14	96.0	106.0	109.0	Top of PVC	2925.95			10.92	2915.03			10.81	2915.14			10.85	2915.10			10.97	2914.98	0.11	-0.04	-0.12
KPT-15	101.0	111.0	117.0	Top of PVC	2934.80			20.41	2914.39			20.27	2914.53			20.31	2914.49			20.43	2914.37	0.14	-0.04	-0.12
KPT-16	14.0	29.0	29.5	Top of PVC	2935.66			21.21	2914.45			21.06	2914.60			21.11	2914.55			21.21	2914.45	0.15	-0.05	-0.10
KPT-17	7.5	12.5	13.0	Top of PVC	2929.58			11.25	2918.33			11.37	2918.21			11.26	2918.32	11.31	0.01	11.32	2918.26	-0.12	0.11	-0.06
KPT-18	24.0	34.0	34.5	Top of PVC	2929.71			13.17	2916.54			13.21	2916.50			13.08	2916.63	13.2	0.01	13.21	2916.50	-0.04	0.13	-0.13
KPT-19	13.00	23.00	23.50	Top of PVC	2932.89			17.93	2914.96			17.8	2915.09	17.87	0.01	17.88	2915.01	17.96	0.02	17.98	2914.91	0.13	-0.08	-0.10
KPT-20	10.00	20.00	20.00	Top of PVC	2932.90			17.51	2915.39			17.38	2915.52			17.43	2915.47			17.56	2915.34	0.13	-0.05	-0.13
KPT-21	8.00	23.00	23.00	Top of PVC	2933.50			18.62	2914.88			18.49	2915.01			18.54	2914.96			18.64	2914.86	0.13	-0.05	-0.10
KPT-22	6.00	16.00	16.00	Top of PVC	2926.78			11.63	2915.15			11.54	2915.24			11.58	2915.20			11.7	2915.08	0.09	-0.04	-0.12
KRY100A	6	26	28	Top of PVC	2936.60			11.29	2925.31			11.12	2925.48			11.01	2925.59			11.1	2925.50	0.17	0.11	-0.09
KRY101A	9	29	31	Top of PVC	2941.08			17.78	2923.30			covered	---			17.70	2923.38			17.84	2923.24	---	---	-0.14
KRY101B	85	95	100	Top of PVC	2940.80			17.80	2923.00			covered	---			17.71	2923.09	17.85	0.01	17.86	2922.94	---	---	-0.15
KRY102A	13	33	33.5	Top of PVC	2945.27			25.98	2919.29			25.41	2919.86			25.45	2919.82			25.57	2919.70	0.57	-0.04	-0.12
KRY102B	95	105	110	Top of PVC	2945.26			25.55	2919.71			25.39	2919.87			25.46	2919.80			25.61	2919.65	0.16	-0.07	-0.15
KRY103A	5	25	27	Top of PVC	2940.30			13.84	2926.46			13.66	2926.64			13.73	2926.57			13.88	2926.42	0.18	-0.07	-0.15
KRY103B	55	65	70	Top of PVC	2939.94			13.36	2926.58			13.2	2926.74			13.28	2926.66			13.4	2926.54	0.16	-0.08	-0.12
KRY104A	20	40	40.5	Top of PVC	2946.68			27.64	2919.04			27.47	2919.21			27.49	2919.19			27.63	2919.05	0.17	-0.02	-0.14
KRY105A	5	25	27	Top of PVC	2932.27			8.61	2923.66			8.45	2923.82			8.63	2923.64			8.85	2923.42	0.16	-0.18	-0.22
KRY106A	6	26	28	Top of PVC	2932.25			11.88	2920.37			11.78	2920.47			11.81	2920.44			11.96	2920.29	0.10	-0.03	-0.15
KRY106B	73	83	88	Top of PVC	2932.42			11.78	2920.64			11.65	2920.77			11.69	2920.73			11.82	2920.60	0.13	-0.04	-0.13
KRY107A	9	29	29.5	Top of PVC	2938.92			19.74	2919.18			19.57	2919.35			19.61	2919.31			19.73	2919.19	0.17	-0.04	-0.12
KRY107B	121	131	136	Top of PVC	2938.73			22.12	2916.61			21.99	2916.74			21.98	2916.75			22.11	2916.62	0.13	0.01	-0.13

TABLE 2-2b
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						November 2006				December 2006				January 2007				February 2007						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Nov to Dec	Change Dec to Jan	Change Jan to Feb
KRY108A	10	30	32	Top of PVC	2941.11			21.82	2919.29			21.63	2919.48			21.68	2919.43			21.81	2919.30	0.19	-0.05	-0.13
KRY109A	5	25	27	Top of PVC	2928.85			11.20	2917.65			11.01	2917.84			11.00	2917.85			11.16	2917.69	0.19	0.01	-0.16
KRY110A	35	55	55	Top of PVC	2926.90			9.58	2917.32			9.5	2917.40			9.56	2917.34			9.68	2917.22	0.08	-0.06	-0.12
KRY110B	76	86	91	Top of PVC	2926.96			10.31	2916.65			10.24	2916.72			10.25	2916.71			10.37	2916.59	0.07	-0.01	-0.12
KRY111A	5	25	25.5	Top of PVC	2936.61			21.26	2915.35	21.13	0.03	21.16	2915.45	21.11	0.02	21.13	2915.48	21.36	0.06	21.42	2915.19	0.10	0.03	-0.29
KRY111B	123	133	138	Top of PVC	2936.96			20.24	2916.72			20.12	2916.84			20.16	2916.80			20.31	2916.65	0.12	-0.04	-0.15
KRY112A	9	29	29.5	Top of PVC	2935.59			20.25	2915.34			20.12	2915.47			20.16	2915.43			20.27	2915.32	0.13	-0.04	-0.11
KRY112B	110	120	125	Top of PVC	2935.78			20.26	2915.52			20.12	2915.66			20.17	2915.61	20.28	0.01	20.29	2915.49	0.14	-0.05	-0.12
KRY113A	15	35	37	Top of PVC	2940.77			21.42	2919.35			21.26	2919.51			21.30	2919.47			21.41	2919.36	0.16	-0.04	-0.11
KRY113B	102	112	117	Top of PVC	2940.96			21.88	2919.08			21.74	2919.22			21.76	2919.20			21.9	2919.06	0.14	-0.02	-0.14
KRY114A	7	27	29	Top of PVC	2934.65	19.56	0.06	19.62	2915.03	19.45	0.05	19.5	2915.15	19.47	0.11	19.58	2915.07	19.61	0.14	19.75	2914.90	0.12	-0.08	-0.17
KRY114B	108	118	122	Top of PVC	2935.09			19.75	2915.34			19.64	2915.45			19.69	2915.40			19.83	2915.26	0.11	-0.05	-0.14
KRY115A	12	32	32.5	Top of PVC	2936.78			22.31	2914.47			22.17	2914.61			22.21	2914.57	22.3	0.01	22.31	2914.47	0.14	-0.04	-0.10
KRY115B	107	117	122	Top of PVC	2936.68			22.03	2914.65			21.91	2914.77			21.95	2914.73			22.09	2914.59	0.12	-0.04	-0.14
KRY116A	7	27	29.5	Top of PVC	2931.53			16.69	2914.84			16.57	2914.96			16.60	2914.93			16.76	2914.77	0.12	-0.03	-0.16
KRY116B	95.5	105.5	110.5	Top of PVC	2931.97			17.23	2914.74			17.11	2914.86			17.14	2914.83			17.28	2914.69	0.12	-0.03	-0.14
KRY117A	5	29	27	Top of PVC	2929.25			15.02	2914.23			14.93	2914.32			14.96	2914.29			15.09	2914.16	0.09	-0.03	-0.13
KRY118A	6	26	28	Top of PVC	2924.44			11.41	2913.03			11.35	2913.09			11.36	2913.08			11.45	2912.99	0.06	-0.01	-0.09
KRY118B	95	105	110	Top of PVC	2924.21			11.14	2913.07			11.11	2913.10			11.06	2913.15			11.15	2913.06	0.03	0.05	-0.09
KRY119A	5	25	25	Top of PVC	2929.69	14.29	0.01	14.30	2915.39			14.31	2915.38			14.23	2915.46			14.34	2915.35	-0.01	0.08	-0.11
KRY121A	12	32	32.5	Top of PVC	2937.39			23.06	2914.33			22.91	2914.48	22.92	0.01	22.93	2914.46			23.05	2914.34	0.15	-0.02	-0.12
KRY121B	119	129	134	Top of PVC	2937.35			23.13	2914.22			22.97	2914.38			23.02	2914.33			23.15	2914.20	0.16	-0.05	-0.13
KRY122A	7	27	29	Top of PVC	2930.07			15.95	2914.12			15.83	2914.24			15.85	2914.22			16.09	2913.98	0.12	-0.02	-0.24
KRY122B	83	93	98	Top of PVC	2929.80			15.69	2914.11			15.55	2914.25			15.61	2914.19			15.78	2914.02	0.14	-0.06	-0.17
KRY123A	5	25	25	Top of PVC	2928.93			16.30	2912.63			16.19	2912.74			16.24	2912.69			16.35	2912.58	0.11	-0.05	-0.11
KRY125A	5	25	25	Top of PVC	2934.75			Gate locked	---			16.7	2918.05			16.75	2918.00			16.97	2917.78	---	-0.05	-0.22
KRY125B	116	126	126	Top of PVC	2934.40			Gate locked	---			24.15	2910.25			24.19	2910.21			24.33	2910.07	---	-0.04	-0.14
KRY126A	5	25	27	Top of PVC	2927.54	14.50	0.01	14.51	2913.03			14.83	2912.71			14.89	2912.65			14.99	2912.55	-0.32	-0.06	-0.10
KRY127A	5	25	27	Top of PVC	2923.05			10.38	2912.67			10.25	2912.80			10.30	2912.75			10.41	2912.64	0.13	-0.05	-0.11
KRY128A	5	25	27.5	Top of PVC	2928.07			14.80	2913.27			14.8	2913.27			14.86	2913.21			14.84	2913.23	0.00	-0.06	0.02
KRY128B	145	155	160	Top of PVC	2928.05			16.88	2911.17			16.82	2911.23			16.89	2911.16			17.01	2911.04	0.06	-0.07	-0.12
KRY129A	9	29	31	Top of PVC	2931.84			12.56	2919.28			14.04	2917.80			14.42	2917.42			14.9	2916.94	-1.48	-0.38	-0.48
KRY129B	127	137	142	Top of PVC	2931.10			21.85	2909.25			21.71	2909.39			21.76	2909.34			21.93	2909.17	0.14	-0.05	-0.17
KRY130A	25	45	45	Top of PVC	2926.68			16.08	2910.60			16	2910.68			16.01	2910.67	16.08	0.01	16.09	2910.59	0.08	-0.01	-0.08
KRY130B	153	163	168	Top of PVC	2926.85			16.49	2910.36			16.37	2910.48			16.40	2910.45			16.47	2910.38	0.12	-0.03	-0.07
KRY132A	6	26	28.5	Top of PVC	2930.75			11.00	2919.75	10.91	0.01	10.92	2919.83			10.94	2919.81			11.08	2919.67	0.08	-0.02	-0.14
KRY133A	8	28	30	Top of PVC	2939.44			20.26	2919.18			20.06	2919.38			20.12	2919.32			20.5	2918.94	0.20	-0.06	-0.38
KRY134A	8	28	30	Top of PVC	2935.11			20.00	2915.11			19.91	2915.20			19.96	2915.15			20.11	2915.00	0.09	-0.05	-0.15
KRY135A	5	25	25	Top of PVC	2931.22	13.99	2.73	16.72	2914.50	14.07	2.51	16.58	2914.64	13.85	3.12	16.97	2914.25	14.1	2.60	16.7	2914.52	0.14	-0.39	0.27
KRY136A	5	25	25	Top of PVC	2935.39	20.90	0.30	21.20	2914.19	20.75	0.25	21	2914.39	20.78	0.22	21.00	2914.39	20.9	0.35	21.25	2914.14	0.20	0.00	-0.25
KRY137A	5	25	25	Top of PVC	2929.90			12.26	2917.64			12.5	2917.40			12.27	2917.63			12.43	2917.47	-0.24	0.23	-0.16
KRY138A	5	25	25	Top of PVC	2934.14			20.82	2913.32			20.69	2913.45			20.72	2913.42	20.84	0.01	20.85	2913.29	0.13	-0.03	-0.13
KRY139A	7	27	29	Top of PVC	2919.51			12.41	2907.10			12.22	2907.29			12.27	2907.24			12.43	2907.08	0.19	-0.05	-0.16
KRY139B	166	176	181	Top of PVC	2919.24			11.42	2907.82			11.23	2908.01			11.32	2907.92			14.52	2904.72	0.19	-0.09	-3.20
NTL-MW-3	5.2	15.2	15.2	Top of PVC	2915.31			6.91	2908.40			6.82	2908.49			6.92	2908.39	7.10	0.01	7.11	2908.20	0.09	-0.10	-0.19
NTL-MW-4	5.70	15.70	16.00	Top of PVC	2917.76			11.38	2906.38			11.18	2906.58			11.23	2906.53	11.36	0.01	11.37	2906.39	0.20	-0.05	-0.14
NW-1	10.0	30.0	30.5	Top of PVC	2923.79			---	---			---	---			---	---			---	---	---	---	---
NW-2	11.5	26.5	26.9	Top of PVC	2919.14			---	---			---	---			---	---			---	---	---	---	---
NW-4	12.2	32.2	33.0	Top of PVC	2925.77			---	---			---	---			---	---			---	---	---	---	---
PW-1	14.5	24.6	25.0	Top of PVC	2926.67			19.74	2906.93			19.59	2907.08			19.61	2907.06			19.77	2906.90	0.15	-0.02	-0.16
PW-2C	15.0	25.0	25.0	Top of PVC	2924.58			---	---			---	---			---	---			---	---	---	---	---
PW-2D	12.0	22.0	22.0	Top of PVC	2924.47			---	---			---	---			---	---			---	---	---	---	---
PW-3	12.0	22.0	22.0	Top of PVC	2922.55			16.73	2905.82			16.64	2905.91			16.61	2905.94			16.71	2905.84	0.09	0.03	-0.10
SW-9	10.0	20.0	20.0	Top of PVC	2922.82	15.48	0.01	15.49	2907.33			15.3	2907.52			15.39	2907.43			15.48	2907.34	0.19	-0.09	-0.09

TABLE 2-2b
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						November 2006				December 2006				January 2007				February 2007						
Well Number	**Top of Screen (ft bgs)**	**Bottom of Screen (ft bgs)**	**Well Depth (ft bgs)**	**Measuring Point**	**Measuring Point Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Change Nov to Dec**	**Change Dec to Jan**	**Change Jan to Feb**
OMW1	12.0	27.0	27.5	Top of PVC	2929.20			11.02	2918.18			10.96	2918.24			11.00	2918.20	11.11	0.01	11.12	2918.08	0.06	-0.04	-0.12
OMW2	12.0	27.0	27.5	Top of PVC	2934.84			19.59	2915.25			19.34	2915.50			19.38	2915.46	19.48	0.01	19.49	2915.35	0.25	-0.04	-0.11
OMW3	12.0	27.0	27.5	Top of PVC	2927.52			12.03	2915.49			11.91	2915.61			11.96	2915.56	12.08	0.01	12.09	2915.43	0.12	-0.05	-0.13
OMW4	12.0	27.0	27.5	Top of PVC	2935.10	20.02	0.08	20.10	2915.00	19.91	0.05	19.96	2915.14	19.96	1.07	21.03	2914.07	20.06	0.09	20.15	2914.95	0.14	-1.07	0.88
OMW5	Unknown	Unknown	Unknown	Top of PVC	2934.71	19.68	0.10	19.78	2914.93	19.58	0.03	19.61	2915.10	19.61	0.18	19.79	2914.92	19.73	0.24	19.97	2914.74	0.17	-0.18	-0.18
OMW6	Unknown	Unknown	Unknown	Top of PVC	2935.59			19.44	2916.15			19.35	2916.24			19.36	2916.23			19.49	2916.10	0.09	-0.01	-0.13
OSW1	11.0	26.0	26.0	Top of PVC	2936.24			16.95	2919.29			16.82	2919.42	16.85	0.05	16.90	2919.34	16.99	0.05	17.04	2919.20	0.13	-0.08	-0.14
OSW2	11.0	26.0	26.0	Top of PVC	2934.32			17.44	2916.88			17.29	2917.03	17.35	0.02	17.37	2916.95	17.47	0.28	17.75	2916.57	0.15	-0.08	-0.38
SBM1	17.0	28.0	30.6	Top of PVC	2936.64			19.91	2916.73			19.8	2916.84			19.82	2916.82			19.96	2916.68	0.11	-0.02	-0.14
SBM2	17.0	28.0	30.2	Top of PVC	2937.11			21.83	2915.28			20.72	2916.39			20.75	2916.36			20.88	2916.23	1.11	-0.03	-0.13

Notes:

1. Water level corrected for LNAPL in wells with LNAPL
2. Correction factor for wells with LNAPL $h_c = h_m + (H_o (d_o/d_w))$

h_c - Hydraulic head corrected
h_m - Measured elevation of hydrocarbon-water interface
H_o - Thickness of hydrocarbon layer
d_o - Hydrocarbon density (for diesel = 0.827)
d_w - Water density (assumed = 1.0)
ft - Feet

bgs - Below ground surface
amsl - Above mean sea level
GW - Groundwater
PVC - Polyvinyl chloride (well casing)
LNAPL - Light nonaqueous phase liquid (petroluem hydrocarbon, PCP)
SWL - Static water level

Blank cell indicates no measureable LNAPL present
--- Not measured

Note: Field notes that included "no evidence of product" and the presence of "brown flecks or algae" were eliminated from this data summary as product detected in the respective well.

TABLE 2-2c
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						March 2007				April 2007				May 2007				June 2007						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Mar to Apr	Change Apr to May	Change May to June
CLCW-1				Top of PVC	2935.61			23.36	2912.25			21.94	2913.67			21.51	2914.10			22.78	2912.83	1.42	0.43	-1.27
GW-1	11.9	21.9	24.0	Top of PVC	2933.94			14.47	2919.47			13.33	2920.61			12.88	2921.06			13.18	2920.76	1.14	0.45	-0.30
GW-5	14.0	24.0	24.5	Top of PVC	2934.64			19.80	2914.84			18.83	2915.81			18.34	2916.30			18.88	2915.76	0.97	0.49	-0.54
GWRM-1	15.0	25.0	25.0	Top of PVC	Unknown			20.06	---			19.05	---			18.44	---			18.95	---	---	---	---
GWRM-2	15.0	25.0	25.0	Top of PVC	Unknown			18.80	---			17.82	---			17.33	---			17.80	---	---	---	---
GWRR-1	11.9	21.9	24.0	Top of PVC	2929.32			13.90	2915.42	12.83	0.01	12.84	2916.48			12.38	2916.94			12.94	2916.38	1.06	0.46	-0.56
GWRR-2	12.85	22.85	25.0	Top of PVC	2932.54			12.89	2919.65			16.9	2915.64			16.44	2916.10			16.96	2915.58	-4.01	0.46	-0.52
GWRR-3	8.65	18.65	20.0	Top of PVC	2928.75			11.51	2917.24			11.62	2917.13			11.69	2917.06			11.74	2917.01	-0.11	-0.07	-0.05
GWRR-4	4.75	14.75	20.0	Top of PVC	2931.76			11.91	2919.85			12.09	2919.67			12.66	2919.10			12.66	2919.10	-0.18	-0.57	0.00
GWRR-5	13.0	23.0	23.3	Top of PVC	2932.36			12.67	2919.69			16.68	2915.68			16.22	2916.14			16.75	2915.61	-4.01	0.46	-0.53
GWRR-6	4.75	14.75	25.0	Top of PVC	2930.34			10.25	2920.09			10.33	2920.01			10.47	2919.87			10.55	2919.79	-0.08	-0.14	-0.08
GWRR-7	6.25	16.25	16.5	Top of PVC	2931.12	11.27	0.23	11.50	2919.62	11.55	0.26	11.81	2919.31	11.92	0.46	12.38	2918.74	12.05	0.2	12.25	2918.87	-0.31	-0.57	0.13
GWRR-8	20.5	30.5	32.0	Top of PVC	2938.15			23.38	2914.77			22.42	2915.73			21.98	2916.17			22.47	2915.68	0.96	0.44	-0.49
GWRR-9	16.0	26.0	28.0	Top of PVC	2934.27			19.65	2914.62			19.65	2914.62			18.14	2916.13			18.7	2915.57	0.00	1.51	-0.56
GWY-3	10.0	30.0	30.0	Top of PVC	2934.92			16.01	2918.91			16.12	2918.80			15.63	2919.29			15.13	2919.79	-0.11	0.49	0.50
GWY-4	10.0	30.0	30.0	Top of PVC	2934.06			19.57	2914.49			18.56	2915.50			18.06	2916.00			18.58	2915.48	1.01	0.50	-0.52
GWY-10	10.0	30.0	30.0	Top of PVC	2933.75			19.30	2914.45			18.3	2915.45			17.79	2915.96			18.31	2915.44	1.00	0.51	-0.52
GWY-12	10.0	30.0	30.0	Top of PVC	2933.13			18.56	2914.57			17.55	2915.58			17.07	2916.06			17.6	2915.53	1.01	0.48	-0.53
GWY-13	10.0	30.0	30.0	Top of PVC	2932.56			18.06	2914.50			17.04	2915.52			16.57	2915.99			17.08	2915.48	1.02	0.47	-0.51
GWY-14	10.0	30.0	30.0	Top of PVC	2934.62			22.93	2911.69			21.52	2913.10			21.10	2913.52			22.42	2912.20	1.41	0.42	-1.32
KPT-1	13.0	28.0	29.0	Top of PVC	2939.84			20.24	2919.60			19.08	2920.76			18.65	2921.19			18.96	2920.88	1.16	0.43	-0.31
KPT-2	13.0	28.0	29.0	Top of Steel	2938.55	19.08	0.02	19.10	2919.45	18	0.01	18.01	2920.54	17.55	0.03	17.58	2920.97	17.83	0.07	17.9	2920.65	1.09	0.43	-0.32
KPT-3	13.0	28.0	29.0	Top of PVC	2937.17			18.14	2919.03			17.06	2920.11			17.59	2919.58			16.91	2920.26	1.08	-0.53	0.68
KPT-4	13.0	28.0	29.0	Top of PVC	2935.44			19.12	2916.32			19.15	2916.29			17.61	2917.83			17.97	2917.47	-0.03	1.54	-0.36
KPT-5	13.0	28.0	29.0	Top of PVC	2934.66			18.75	2915.91			17.73	2916.93			17.20	2917.46			17.65	2917.01	1.02	0.53	-0.45
KPT-6	13.0	28.0	29.0	Top of PVC	2936.18			17.20	2918.98			16.07	2920.11			15.63	2920.55			15.95	2920.23	1.13	0.44	-0.32
KPT-7	12.5	27.5	28.5	Top of PVC	2935.31			18.28	2917.03			17.2	2918.11			16.75	2918.56			17.21	2918.10	1.08	0.45	-0.46
KPT-8	110.0	120.0	122.0	Top of PVC	2935.16			18.19	2916.97			17.09	2918.07			17.64	2917.52			17.13	2918.03	1.10	-0.55	0.51
KPT-9	6.0	16.0	23.0	Top of Steel	2925.77			7.51	2918.26			6.07	2919.70			6.48	2919.29			6.18	2919.59	1.44	-0.41	0.30
KPT-10	8.0	23.0	27.0	Top of PVC	2925.35			9.81	2915.54			8.78	2916.57			8.32	2917.03			8.88	2916.47	1.03	0.46	-0.56
KPT-11	52.0	72.0	74.0	Top of PVC	2925.84			10.38	2915.46			9.32	2916.52			8.85	2916.99			9.46	2916.38	1.06	0.47	-0.61
KPT-12	14.0	24.0	24.5	Top of PVC	2939.51			20.00	2919.51			18.93	2920.58			18.49	2921.02			---	---	1.07	0.44	---
KPT-13	109.0	119.0	120.0	Top of PVC	2927.55			9.58	2917.97			8.35	2919.20			7.97	2919.58			8.41	2919.14	1.23	0.38	-0.44
KPT-14	96.0	106.0	109.0	Top of PVC	2925.95			10.54	2915.41			9.5	2916.45			9.06	2916.89			9.6	2916.35	1.04	0.44	-0.54
KPT-15	101.0	111.0	117.0	Top of PVC	2934.80			20.02	2914.78			19.06	2915.74			18.56	2916.24			19.08	2915.72	0.96	0.50	-0.52
KPT-16	14.0	29.0	29.5	Top of PVC	2935.66			20.82	2914.84			19.85	2915.81			19.36	2916.30			19.89	2915.77	0.97	0.49	-0.53
KPT-17	7.5	12.5	13.0	Top of PVC	2929.58			10.28	2919.30			10.32	2919.26			10.66	2918.92			10.85	2918.73	-0.04	-0.34	-0.19
KPT-18	24.0	34.0	34.5	Top of PVC	2929.71			12.17	2917.54	12.45	0.01	12.46	2917.25			12.58	2917.13			12.75	2916.96	-0.29	-0.12	-0.17
KPT-19	13.00	23.00	23.50	Top of PVC	2932.89			17.56	2915.33			16.51	2916.38			16.10	2916.79			16.59	2916.30	1.05	0.41	-0.49
KPT-20	10.00	20.00	20.00	Top of PVC	2932.90			16.96	2915.94			16.09	2916.81			15.68	2917.22			16.13	2916.77	0.87	0.41	-0.45
KPT-21	8.00	23.00	23.00	Top of PVC	2933.50			18.19	2915.31			17.2	2916.30			16.77	2916.73			17.27	2916.23	0.99	0.43	-0.50
KPT-22	6.00	16.00	16.00	Top of PVC	2926.78			11.25	2915.53			10.14	2916.64			9.69	2917.09			10.25	2916.53	1.11	0.45	-0.56
KRY100A	6	26	28	Top of PVC	2936.60			frozen	---			9.64	2926.96			9.32	2927.28			9.64	2926.96	---	0.32	-0.32
KRY101A	9	29	31	Top of PVC	2941.08			17.55	2923.53			16.46	2924.62			16.06	2925.02			16.29	2924.79	1.09	0.40	-0.23
KRY101B	85	95	100	Top of PVC	2940.80			17.55	2923.25			16.41	2924.39			16.00	2924.80			16.27	2924.53	1.14	0.41	-0.27
KRY102A	13	33	33.5	Top of PVC	2945.27			25.17	2920.10			24.24	2921.03			23.85	2921.42			24.03	2921.24	0.93	0.39	-0.18
KRY102B	95	105	110	Top of PVC	2945.26			25.20	2920.06			24.27	2920.99			23.86	2921.40			24.03	2921.23	0.93	0.41	-0.17
KRY103A	5	25	27	Top of PVC	2940.30			13.73	2926.57			12.29	2928.01			12.02	2928.28			12.27	2928.03	1.44	0.27	-0.25
KRY103B	55	65	70	Top of PVC	2939.94			13.26	2926.68			11.91	2928.03			11.55	2928.39			11.82	2928.12	1.35	0.36	-0.27
KRY104A	20	40	40.5	Top of PVC	2946.68			27.25	2919.43			26.28	2920.40			25.80	2920.88			26.03	2920.65	0.97	0.48	-0.23
KRY105A	5	25	27	Top of PVC	2932.27			8.58	2923.69			7.2	2925.07			6.91	2925.36			7.23	2925.04	1.38	0.29	-0.32
KRY106A	6	26	28	Top of PVC	2932.25			11.52	2920.73	10.24	0.01	10.25	2922.00			9.88	2922.37			10.23	2922.02	1.27	0.37	-0.35
KRY106B	73	83	88	Top of PVC	2932.42			11.44	2920.98			10.21	2922.21			9.83	2922.59			10.17	2922.25	1.23	0.38	-0.34
KRY107A	9	29	29.5	Top of PVC	2938.92			19.35	2919.57			18.3	2920.62			17.86	2921.06			18.11	2920.81	1.05	0.44	-0.25
KRY107B	121	131	136	Top of PVC	2938.73			21.78	2916.95			20.81	2917.92			20.33	2918.40			20.61	2918.12	0.97	0.48	-0.28
KRY108A	10	30	32	Top of PVC	2941.11			21.44	2919.67	20.29	0.01	20.3	2920.81			19.85	2921.26			20.18	2920.93	1.14	0.45	-0.33
KRY109A	5	25	27	Top of PVC	2928.85			10.84	2918.01			9.89	2918.96			9.66	2919.19			9.9	2918.95	0.95	0.23	-0.24
KRY110A	35	55	55	Top of PVC	2926.90			9.25	2917.65			7.85	2919.05			7.53	2919.37			7.96	2918.94	1.40	0.32	-0.43
KRY110B	76	86	91	Top of PVC	2926.96			9.95	2917.01			8.65	2918.31			8.32	2918.64			8.74	2918.22	1.30	0.33	-0.42
KRY111A	5	25	25.5	Top of PVC	2936.61	20.98	0.02	21.00	2915.61	19.92	0.43	20.35	2916.26	19.42	0.79	20.21	2916.40	18.81	2.19	21	2915.61	0.65	0.14	-0.79

TABLE 2-2c
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						March 2007				April 2007				May 2007				June 2007						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Mar to Apr	Change Apr to May	Change May to June
KRY111B	123	133	138	Top of PVC	2936.96			19.93	2917.03			18.91	2918.05			18.47	2918.49			18.83	2918.13	1.02	0.44	-0.36
KRY112A	9	29	29.5	Top of PVC	2935.59			19.94	2915.65			18.95	2916.64			18.35	2917.24			18.61	2916.98	0.99	0.60	-0.26
KRY112B	110	120	125	Top of PVC	2935.78			19.97	2915.81			19.04	2916.74			18.53	2917.25			18.8	2916.98	0.93	0.51	-0.27
KRY113A	15	35	37	Top of PVC	2940.77			21.05	2919.72			19.92	2920.85			19.47	2921.30			19.78	2920.99	1.13	0.45	-0.31
KRY113B	102	112	117	Top of PVC	2940.96			21.54	2919.42			20.49	2920.47			19.97	2920.99			20.29	2920.67	1.05	0.52	-0.32
KRY114A	7	27	29	Top of PVC	2934.65			19.18	2915.47			18.17	2916.48			17.68	2916.97	18.21	0.36	18.57	2916.08	1.01	0.49	-0.89
KRY114B	108	118	122	Top of PVC	2935.09			19.43	2915.66			18.4	2916.69			18.91	2916.18			18.52	2916.57	1.03	-0.51	0.39
KRY115A	12	32	32.5	Top of PVC	2936.78			21.93	2914.85			19.99	2916.79			20.54	2916.24			21.03	2915.75	1.94	-0.55	-0.49
KRY115B	107	117	122	Top of PVC	2936.68			21.75	2914.93			20.8	2915.88			20.30	2916.38			20.67	2916.01	0.95	0.50	-0.37
KRY116A	7	27	29.5	Top of PVC	2931.53			16.30	2915.23			15.54	2915.99			15.00	2916.53			15.25	2916.28	0.76	0.54	-0.25
KRY116B	95.5	105.5	110.5	Top of PVC	2931.97			16.97	2915.00			16.05	2915.92			15.51	2916.46			15.8	2916.17	0.92	0.54	-0.29
KRY117A	5	29	27	Top of PVC	2929.25			14.64	2914.61			13.58	2915.67			13.13	2916.12			13.69	2915.56	1.06	0.45	-0.56
KRY118A	6	26	28	Top of PVC	2924.44			11.02	2913.42			9.52	2914.92			9.32	2915.12			11.29	2913.15	1.50	0.20	-1.97
KRY118B	95	105	110	Top of PVC	2924.21			10.84	2913.37			9.5	2914.71			9.40	2914.81			11.11	2913.10	1.34	0.10	-1.71
KRY119A	5	25	25	Top of PVC	2929.69			12.84	2916.85			13.25	2916.44			13.64	2916.05			13.92	2915.77	-0.41	-0.39	-0.28
KRY121A	12	32	32.5	Top of PVC	2937.39			22.66	2914.73			21.71	2915.68			21.26	2916.13			21.76	2915.63	0.95	0.45	-0.50
KRY121B	119	129	134	Top of PVC	2937.35			22.79	2904.75			21.79	2915.56			21.34	2916.01			21.88	2915.47	10.81	0.45	-0.54
KRY122A	7	27	29	Top of PVC	2930.07			15.81	2914.26			14.87	2915.20			13.95	2916.12			14.42	2915.65	0.94	0.92	-0.47
KRY122B	83	93	98	Top of PVC	2929.80			15.56	2914.24			14.52	2915.28			14.28	2915.52			14.18	2915.62	1.04	0.24	0.10
KRY123A	5	25	25	Top of PVC	2928.93			16.03	2912.90			14.73	2914.20			14.64	2914.29			16.02	2912.91	1.30	0.09	-1.38
KRY125A	5	25	25	Top of PVC	2934.75			16.71	2918.04			16.42	2918.33			16.34	2918.41			16.24	2918.51	0.29	0.08	0.10
KRY125B	116	126	126	Top of PVC	2934.40			24.18	2910.22			23	2911.40			22.44	2911.96			22.77	2911.63	1.18	0.56	-0.33
KRY126A	5	25	27	Top of PVC	2927.54			14.63	2912.91			13.36	2914.18			13.28	2914.26			14.65	2912.89	1.27	0.08	-1.37
KRY127A	5	25	27	Top of PVC	2923.05			10.08	2912.97			8.76	2914.29			8.88	2914.17			10.33	2912.72	1.32	-0.12	-1.45
KRY128A	5	25	27.5	Top of PVC	2928.07			14.53	2913.54			13.22	2914.85			12.94	2915.13			14.86	2913.21	1.31	0.28	-1.92
KRY128B	145	155	160	Top of PVC	2928.05			16.65	2911.40			15.28	2912.77			14.99	2913.06			16.51	2911.54	1.37	0.29	-1.52
KRY129A	9	29	31	Top of PVC	2931.84			15.09	2916.75			14.65	2917.19			17.39	2914.45			14.47	2917.37	0.44	-2.74	2.92
KRY129B	127	137	142	Top of PVC	2931.10			21.72	2909.38			20.36	2910.74			19.90	2911.20			20.5	2910.60	1.36	0.46	-0.60
KRY130A	25	45	45	Top of PVC	2926.68			15.87	2910.81			14.42	2912.26			14.09	2912.59			15.5	2911.18	1.45	0.33	-1.41
KRY130B	153	163	168	Top of PVC	2926.85			16.25	2910.60			14.85	2912.00			14.51	2912.34			15.8	2911.05	1.40	0.34	-1.29
KRY132A	6	26	28.5	Top of PVC	2930.75			10.46	2920.29			9.21	2921.54			8.80	2921.95			9.27	2921.48	1.25	0.41	-0.47
KRY133A	8	28	30	Top of PVC	2939.44			19.88	2919.56			18.84	2920.60			18.37	2921.07	18.76	-0.11	18.65	2920.79	1.04	0.47	-0.28
KRY134A	8	28	30	Top of PVC	2935.11			19.67	2915.44			18.64	2916.47			18.15	2916.96			18.71	2916.40	1.03	0.49	-0.56
KRY135A	5	25	25	Top of PVC	2931.22	11.90	0.90	12.80	2918.42	12.18	0.86	13.04	2918.18	13.21	1.84	15.05	2916.17	13.41	0.46	13.87	2917.35	-0.24	-2.01	1.18
KRY136A	5	25	25	Top of PVC	2935.39	20.52	0.24	20.76	2914.63	19.51	0.37	19.88	2915.51	19.03	0.86	19.89	2915.50	19.57	0.45	20.02	2915.37	0.88	-0.01	-0.13
KRY137A	5	25	25	Top of PVC	2929.90			11.18	2918.72			11.49	2918.41			11.70	2918.20			11.77	2918.13	-0.31	-0.21	-0.07
KRY138A	5	25	25	Top of PVC	2934.14			20.48	2913.66			19.47	2914.67			18.98	2915.16	19.5	0.05	19.55	2914.59	1.01	0.49	-0.57
KRY139A	7	27	29	Top of PVC	2919.51			12.25	2907.26			10.6	2908.91			10.12	2909.39			10.41	2909.10	1.65	0.48	-0.29
KRY139B	166	176	181	Top of PVC	2919.24			12.50	2906.74			10.28	2908.96			9.40	2909.84			9.79	2909.45	2.22	0.88	-0.39
NTL-MW-3	5.2	15.2	15.2	Top of PVC	2915.31			6.79	2908.52			5.65	2909.66			5.07	2910.24			5.55	2909.76	1.14	0.58	-0.48
NTL-MW-4	5.70	15.70	16.00	Top of PVC	2917.76			11.21	2906.55			9.62	2908.14			9.09	2908.67			9.37	2908.39	1.59	0.53	-0.28
NW-1	10.0	30.0	30.5	Top of PVC	2923.79			---	---			---	---			---	---			---	---	---	---	---
NW-2	11.5	26.5	26.9	Top of PVC	2919.14			---	---			---	---			---	---			---	---	---	---	---
NW-4	12.2	32.2	33.0	Top of PVC	2925.77			---	---			---	---			---	---			---	---	---	---	---
PW-1	14.5	24.6	25.0	Top of PVC	2926.67			19.54	2917.57			18	2908.67			17.52	2909.15			18.57	2908.10	-8.90	0.48	-1.05
PW-2C	15.0	25.0	25.0	Top of PVC	2924.58			---	---			---	---			---	---			---	---	---	---	---
PW-2D	12.0	22.0	22.0	Top of PVC	2924.47			---	---			---	---			---	---			---	---	---	---	---
PW-3	12.0	22.0	22.0	Top of PVC	2922.55			15.51	2907.04			15.02	2907.53			14.64	2907.91			15.86 (obstruction)	---	0.49	0.38	---
SW-9	10.0	20.0	20.0	Top of PVC	2922.82			frozen	---			13.75	2909.07			13.26	2909.56			13.74	2909.08	---	0.49	-0.48
OMW1	12.0	27.0	27.5	Top of PVC	2929.20			10.69	2918.51			9.27	2919.93			8.93	2920.27			9.39	2919.81	1.42	0.34	-0.46
OMW2	12.0	27.0	27.5	Top of PVC	2934.84			19.06	2915.78			18.07	2916.77			17.56	2917.28			18.05	2916.79	0.99	0.51	-0.49
OMW3	12.0	27.0	27.5	Top of PVC	2927.52			11.61	2915.91			10.58	2916.94			10.08	2917.44	10.62	0.02	10.64	2916.88	1.03	0.50	-0.56
OMW4	12.0	27.0	27.5	Top of PVC	2935.10	19.64	0.07	19.71	2915.39			18.63	2916.47	18.14	0.03	18.17	2916.93	18.7	0.02	18.72	2916.38	1.08	0.46	-0.55
OMW5	Unknown	Unknown	Unknown	Top of PVC	2934.71			19.31	2915.40			18.3	2916.41			17.79	2916.92			18.34	2916.37	1.01	0.51	-0.55
OMW6	Unknown	Unknown	Unknown	Top of PVC	2935.59			19.12	2916.47			18.09	2917.50			17.62	2917.97			17.99	2917.60	1.03	0.47	-0.37
OSW1	11.0	26.0	26.0	Top of PVC	2936.24	16.58	0.05	16.63	2919.61			15.42	2920.82			15.29	2920.95			15.41	2920.83	1.21	0.13	-0.12
OSW2	11.0	26.0	26.0	Top of PVC	2934.32	17.05	0.05	17.10	2917.22			15.95	2918.37			15.53	2918.79			15.95	2918.37	1.15	0.42	-0.42
SBM1	17.0	28.0	30.6	Top of PVC	2936.64			19.59	2917.05			18.52	2918.12			18.02	2918.62			18.38	2918.26	1.07	0.50	-0.36
SBM2	17.0	28.0	30.2	Top of PVC	2937.11			20.49	2916.62			19.47	2917.64			18.99	2918.12			19.33	2917.78	1.02	0.48	-0.34

TABLE 2-2c
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information						March 2007				April 2007				May 2007				June 2007						
Well Number	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	Measuring Point	Measuring Point Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	SWL (ft bgs)	GW Elevation (ft amsl)	Change Mar to Apr	Change Apr to May	Change May to June

Notes:

1. Water level corrected for LNAPL in wells with LNAPL
2. Correction factor for wells with LNAPL $h_c = h_m + (H_o (d_o/d_w))$

h_c - Hydraulic head corrected
h_m - Measured elevation of hydrocarbon-water interface
H_o - Thickness of hydrocarbon layer
d_o - Hydrocarbon density (for diesel = 0.827)
d_w - Water density (assumed = 1.0)
ft - Feet

bgs - Below ground surface
amsl - Above mean sea level
GW - Groundwater
PVC - Polyvinyl chloride (well casing)
LNAPL - Light nonaqueous phase liquid (petroluem hydrocarbon, PCP)
SWL - Static water level

Blank cell indicates no measureable LNAPL present
--- Not measured

Note: Field notes that included "no evidence of product" and the presence of "brown flecks or algae" were eliminated from this data summary as product detected in the respective well.

TABLE 2-2d
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information								July 2007				
Well Number	**Top of Screen (ft bgs)**	**Bottom of Screen (ft bgs)**	**Well Depth (ft bgs)**	**EASTING**	**NORTHING**	**Measuring Point**	**Measuring Point Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Change June to July**
CLCW-1				1,479,033.03000	800,782.60000	Top of PVC	2935.61			24.57	2911.04	#REF!
GW-1	11.9	21.9	24.0	1,479,882.54000	799,018.63000	Top of PVC	2933.94			14.81	2919.13	#REF!
GW-5	14.0	24.0	24.5	1,479,477.72470	799,878.71000	Top of PVC	2934.64			20.74	2913.90	#REF!
GWRM-1	15.0	25.0	25.0	1,478,730.05120	800,453.99960	Top of PVC	Unknown			20.79	---	---
GWRM-2	15.0	25.0	25.0	1,478,784.00950	800,325.90000	Top of PVC	Unknown			19.66	---	---
GWRR-1	11.9	21.9	24.0	1,479,876.67000	800,066.61000	Top of PVC	2929.32			14.80	2914.52	#REF!
GWRR-2	12.85	22.85	25.0	1,479,376.82580	800,187.48140	Top of PVC	2932.54			18.78	2913.76	#REF!
GWRR-3	8.65	18.65	20.0	1,479,667.08000	800,353.71000	Top of PVC	2928.75			11.77	2916.98	#REF!
GWRR-4	4.75	14.75	20.0	1,479,759.07000	799,965.48000	Top of PVC	2931.76			13.39	2918.37	#REF!
GWRR-5	13.0	23.0	23.3	1,479,442.46000	800,130.91000	Top of PVC	2932.36	18.58	0.05	18.63	2913.73	#REF!
GWRR-6	4.75	14.75	25.0	1,479,478.88000	800,352.84000	Top of PVC	2930.34			10.72	2919.62	#REF!
GWRR-7	6.25	16.25	16.5	1,479,597.11000	800,303.76000	Top of PVC	2931.12	12.28	0.44	12.72	2918.40	#REF!
GWRR-8	20.5	30.5	32.0	1,479,327.36790	799,889.53110	Top of PVC	2938.15			24.32	2913.83	#REF!
GWRR-9	16.0	26.0	28.0	1,479,357.80510	800,119.37470	Top of PVC	2934.27	20.55	0.02	20.57	2913.70	#REF!
GWY-3	10.0	30.0	30.0	1,478,975.95000	800,516.44000	Top of PVC	2934.92			15.46	2919.46	#REF!
GWY-4	10.0	30.0	30.0	1,478,978.12000	800,321.15000	Top of PVC	2934.06			20.45	2913.61	#REF!
GWY-10	10.0	30.0	30.0	1,478,852.78000	800,236.95000	Top of PVC	2933.75			20.17	2913.58	#REF!
GWY-12	10.0	30.0	30.0	1,479,235.35000	800,364.42000	Top of PVC	2933.13			19.44	2913.69	#REF!
GWY-13	10.0	30.0	30.0	1,479,113.08000	800,525.87000	Top of PVC	2932.56			18.93	2913.63	#REF!
GWY-14	10.0	30.0	30.0	1,479,090.71000	800,811.44000	Top of PVC	2934.62			24.21	2910.41	#REF!
KPT-1	13.0	28.0	29.0	1,479,859.18000	798,815.11000	Top of PVC	2939.84			20.58	2919.26	#REF!
KPT-2	13.0	28.0	29.0	1,479,675.45000	799,138.05000	Top of Steel	2938.55	19.44	0.07	19.51	2919.04	#REF!
KPT-3	13.0	28.0	29.0	1,479,446.76000	799,173.14000	Top of PVC	2937.17	18.53	0.02	18.55	2918.62	#REF!
KPT-4	13.0	28.0	29.0	1,479,413.01000	799,509.11000	Top of PVC	2935.44			20.85	2914.59	#REF!
KPT-5	13.0	28.0	29.0	1,479,548.69000	799,529.47000	Top of PVC	2934.66			19.61	2915.05	#REF!
KPT-6	13.0	28.0	29.0	1,479,764.63000	799,340.51000	Top of PVC	2936.18			17.60	2918.58	#REF!
KPT-7	12.5	27.5	28.5	1,479,738.85000	799,537.49000	Top of PVC	2935.31			18.94	2916.37	#REF!
KPT-8	110.0	120.0	122.0	1,479,741.06000	799,541.82000	Top of PVC	2935.16			18.88	2916.28	#REF!
KPT-9	6.0	16.0	23.0	1,479,924.02000	799,538.55000	Top of Steel	2925.77	7.76	0.01	7.77	2918.00	#REF!
KPT-10	8.0	23.0	27.0	1,479,986.84000	799,920.45000	Top of PVC	2925.35			10.78	2914.57	#REF!
KPT-11	52.0	72.0	74.0	1,479,981.09000	800,043.18000	Top of PVC	2925.84			11.30	2914.54	#REF!
KPT-12	14.0	24.0	24.5	1,479,451.75000	798,828.02000	Top of PVC	2939.51			20.38	2919.13	---
KPT-13	109.0	119.0	120.0	1,479,931.25000	799,543.86000	Top of PVC	2927.55			10.06	2917.49	#REF!
KPT-14	96.0	106.0	109.0	1,479,985.52000	799,919.05000	Top of PVC	2925.95			11.47	2914.48	#REF!
KPT-15	101.0	111.0	117.0	1,479,472.72470	799,878.71000	Top of PVC	2934.80			20.93	2913.87	#REF!
KPT-16	14.0	29.0	29.5	1,479,373.81000	799,733.21000	Top of PVC	2935.66			21.76	2913.90	#REF!
KPT-17	7.5	12.5	13.0	1,479,844.05750	800,181.96240	Top of PVC	2929.58			11.14	2918.44	#REF!
KPT-18	24.0	34.0	34.5	1,479,836.33030	800,188.81460	Top of PVC	2929.71			13.14	2916.57	#REF!
KPT-19	13.00	23.00	23.50	1,479,735.25130	799,811.43630	Top of PVC	2932.89	18.45	0.02	18.47	2914.42	#REF!
KPT-20	10.00	20.00	20.00	1,479,748.20120	799,719.43520	Top of PVC	2932.90			17.98	2914.92	#REF!
KPT-21	8.00	23.00	23.00	1,479,693.48150	799,896.78600	Top of PVC	2933.50			19.14	2914.36	#REF!
KPT-22	6.00	16.00	16.00	1,479,874.48650	799,691.77900	Top of PVC	2926.78			12.16	2914.62	#REF!
KRY100A	6	26	28	1,480,152.85258	798,473.17523	Top of PVC	2936.60			10.95	2925.65	#REF!
KRY101A	9	29	31	1,479,871.40392	798,341.01454	Top of PVC	2941.08			17.71	2923.37	#REF!
KRY101B	85	95	100	1,479,873.53474	798,332.52536	Top of PVC	2940.80			17.81	2922.99	#REF!
KRY102A	13	33	33.5	1,479,227.94765	798,422.84576	Top of PVC	2945.27			25.55	2919.72	#REF!

TABLE 2-2d
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information								July 2007				
Well Number	**Top of Screen (ft bgs)**	**Bottom of Screen (ft bgs)**	**Well Depth (ft bgs)**	**EASTING**	**NORTHING**	**Measuring Point**	**Measuring Point Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Change June to July**
KRY102B	95	105	110	1,479,227.62778	798,431.30756	Top of PVC	2945.26			27.61	2917.65	#REF!
KRY103A	5	25	27	1,480,565.31196	798,509.04568	Top of PVC	2940.30			13.65	2926.65	#REF!
KRY103B	55	65	70	1,480,558.92503	798,511.82993	Top of PVC	2939.94			13.19	2926.75	#REF!
KRY104A	20	40	40.5	1,479,157.00195	798,796.29854	Top of PVC	2946.68			19.73	2926.95	#REF!
KRY105A	5	25	27	1,480,264.41571	798,980.61413	Top of PVC	2932.27			8.69	2923.58	#REF!
KRY106A	6	26	28	1,480,076.81035	799,175.47778	Top of PVC	2932.25			11.85	2920.40	#REF!
KRY106B	73	83	88	1,480,074.84283	799,182.19322	Top of PVC	2932.42			11.79	2920.63	#REF!
KRY107A	9	29	29.5	1,479,223.16462	799,175.24597	Top of PVC	2938.92			22.31	2916.61	#REF!
KRY107B	121	131	136	1,479,223.75807	799,180.54799	Top of PVC	2938.73			22.07	2916.66	#REF!
KRY108A	10	30	32	1,479,715.80638	798,832.77967	Top of PVC	2941.11			21.79	2919.32	#REF!
KRY109A	5	25	27	1,480,178.20356	799,720.15764	Top of PVC	2928.85			11.33	2917.52	#REF!
KRY110A	35	55	55	1,480,017.04371	799,592.22972	Top of PVC	2926.90			9.49	2917.41	#REF!
KRY110B	76	86	91	1,480,008.26329	799,592.51558	Top of PVC	2926.96			10.35	2916.61	#REF!
KRY111A	5	25	25.5	1,479,305.33211	799,534.66845	Top of PVC	2936.61	21.13	-0.55	20.58	2916.03	#REF!
KRY111B	123	133	138	1,479,299.41267	799,535.42224	Top of PVC	2936.96			20.61	2916.35	#REF!
KRY112A	9	29	29.5	1,478,962.21190	799,461.85776	Top of PVC	2935.59			20.53	2915.06	#REF!
KRY112B	110	120	125	1,478,965.33652	799,449.69302	Top of PVC	2935.78			22.86	2912.92	#REF!
KRY113A	15	35	37	1,479,766.25381	798,823.71560	Top of PVC	2940.77			21.40	2919.37	#REF!
KRY113B	102	112	117	1,479,761.68975	798,832.73058	Top of PVC	2940.96			21.91	2919.05	#REF!
KRY114A	7	27	29	1,479,596.32355	799,812.63628	Top of PVC	2934.65	20.10	0.21	20.31	2914.34	#REF!
KRY114B	108	118	122	1,479,597.99814	799,807.44598	Top of PVC	2935.09			20.33	2914.76	#REF!
KRY115A	12	32	32.5	1,479,032.95793	799,831.58222	Top of PVC	2936.78			22.45	2914.33	#REF!
KRY115B	107	117	122	1,479,034.86424	799,826.51529	Top of PVC	2936.68			16.99	2919.69	#REF!
KRY116A	7	27	29.5	1,478,757.26712	799,718.07228	Top of PVC	2931.53			17.55	2913.98	#REF!
KRY116B	95.5	105.5	110.5	1,478,750.69776	799,716.15153	Top of PVC	2931.97			23.61	2908.36	#REF!
KRY117A	5	29	27	1,479,947.02292	800,042.35685	Top of PVC	2929.25			15.55	2913.70	#REF!
KRY118A	6	26	28	1,480,222.70548	800,277.91309	Top of PVC	2924.44			12.91	2911.53	#REF!
KRY118B	95	105	110	1,480,220.75639	800,289.70103	Top of PVC	2924.21			12.62	2911.59	#REF!
KRY119A	5	25	25	1,479,945.70763	800,233.64818	Top of PVC	2929.69			14.25	2915.44	#REF!
KRY121A	12	32	32.5	1,479,211.63975	800,125.25313	Top of PVC	2937.39			23.71	2913.68	#REF!
KRY121B	119	129	134	1,479,208.80364	800,130.19500	Top of PVC	2937.35			20.51	2916.84	#REF!
KRY122A	7	27	29	1,478,410.92749	799,959.69598	Top of PVC	2930.07			16.00	2914.07	#REF!
KRY122B	83	93	98	1,478,417.68998	799,963.86628	Top of PVC	2929.80			15.96	2913.84	#REF!
KRY123A	5	25	25	1,479,920.15674	800,476.00120	Top of PVC	2928.93			17.94	2910.99	#REF!
KRY125A	5	25	25	1,478,742.31196	800,531.19173	Top of PVC	2934.75			16.56	2918.19	#REF!
KRY125B	116	126	126	1,478,733.96432	800,529.17095	Top of PVC	2934.40			24.69	2909.71	#REF!
KRY126A	5	25	27	1,479,831.10306	800,569.50266	Top of PVC	2927.54			16.59	2910.95	#REF!
KRY127A	5	25	27	1,480,095.75003	800,673.96396	Top of PVC	2923.05			12.29	2910.76	#REF!
KRY128A	5	25	27.5	1,479,471.19439	800,742.88193	Top of PVC	2928.07			16.34	2911.73	#REF!
KRY128B	145	155	160	1,479,463.32699	800,741.81489	Top of PVC	2928.05			18.18	2909.87	#REF!
KRY129A	9	29	31	1,478,777.32362	800,810.83953	Top of PVC	2931.84			13.83	2918.01	#REF!
KRY129B	127	137	142	1,478,783.10878	800,818.67823	Top of PVC	2931.10			22.42	2908.68	#REF!
KRY130A	25	45	45	1,479,242.15759	801,057.77712	Top of PVC	2926.68			17.24	2909.44	#REF!
KRY130B	153	163	168	1,479,238.46205	801,046.49742	Top of PVC	2926.85			17.55	2909.30	#REF!
KRY132A	6	26	28.5	1,479,905.71237	799,319.12769	Top of PVC	2930.75			10.89	2919.86	#REF!
KRY133A	8	28	30	1,479,398.69809	799,019.85014	Top of PVC	2939.44			20.25	2919.19	#REF!

TABLE 2-2d
SUMMARY OF GROUNDWATER ELEVATIONS
KRY SITE

Well Information								July 2007				
Well Number	**Top of Screen (ft bgs)**	**Bottom of Screen (ft bgs)**	**Well Depth (ft bgs)**	**EASTING**	**NORTHING**	**Measuring Point**	**Measuring Point Elevation (ft amsl)**	**Depth to LNAPL (ft bgs)**	**LNAPL Thickness (ft)**	**SWL (ft bgs)**	**GW Elevation (ft amsl)**	**Change June to July**
KRY134A	8	28	30	1,479,496.66564	799,724.63685	Top of PVC	2935.11			20.58	2914.53	#REF!
KRY135A	5	25	25	1,479,686.33789	800,208.39507	Top of PVC	2931.22	13.80	0.12	13.92	2917.30	#REF!
KRY136A	5	25	25	1,479,482.37855	800,009.34048	Top of PVC	2935.39	21.42	0.31	21.73	2913.66	#REF!
KRY137A	5	25	25	1,479,561.40995	800,396.60200	Top of PVC	2929.90			12.22	2917.68	#REF!
KRY138A	5	25	25	1,479,338.79932	800,304.98839	Top of PVC	2934.14	21.35	0.09	21.44	2912.70	#REF!
KRY139A	7	27	29	1,478,871.67512	801,567.28851	Top of PVC	2919.51			12.40	2907.11	#REF!
KRY139B	166	176	181	1,478,872.69434	801,555.32374	Top of PVC	2919.24			11.77	2907.47	#REF!
NTL-MW-3	5.2	15.2	15.2	1,478,618.96743	801,062.18519	Top of PVC	2915.31			7.41	2907.90	#REF!
NTL-MW-4	5.70	15.70	16.00	1,478,594.67754	801,332.58889	Top of PVC	2917.76			11.43	2906.33	#REF!
NW-1	10.0	30.0	30.5	801,181.96240	1,479,076.83630	Top of PVC	2923.79			---	---	---
NW-2	11.5	26.5	26.9	801,274.73910	1,478,892.83300	Top of PVC	2919.14			---	---	---
NW-4	12.2	32.2	33.0	801,142.45380	1,479,003.09300	Top of PVC	2925.77			---	---	---
PW-1	14.5	24.6	25.0	1,478,958.43590	801,164.00570	Top of PVC	2926.67			20.51	2906.16	#REF!
PW-2C	15.0	25.0	25.0	801,136.30610	1,479,068.51840	Top of PVC	2924.58			---	---	---
PW-2D	12.0	22.0	22.0	801,181.83230	1,478,986.36540	Top of PVC	2924.47			---	---	---
PW-3	12.0	22.0	22.0	1,479,045.77660	801,195.00190	Top of PVC	2922.55			17.62	2904.93	---
SW-9	10.0	20.0	20.0	1,478,976.08350	801,303.87100	Top of PVC	2922.82			15.72	2907.10	#REF!
OMW1	12.0	27.0	27.5	1479806.43	799538.84	Top of PVC	2929.20			10.92	2918.28	#REF!
OMW2	12.0	27.0	27.5	1479806.43	799538.84	Top of PVC	2934.84			19.90	2914.94	#REF!
OMW3	12.0	27.0	27.5	1479806.43	799538.84	Top of PVC	2927.52	12.43	0.02	12.45	2915.07	#REF!
OMW4	12.0	27.0	27.5	1479806.43	799538.84	Top of PVC	2935.10	20.55	0.16	20.71	2914.39	#REF!
OMW5	Unknown	Unknown	Unknown	1479540.93	799608.47	Top of PVC	2934.71	20.24	0.07	20.31	2914.40	#REF!
OMW6	Unknown	Unknown	Unknown	1479430.50	799582.22	Top of PVC	2935.59			19.80	2915.79	#REF!
OSW1	11.0	26.0	26.0	1479806.43	799538.84	Top of PVC	2936.24			17.06	2919.18	#REF!
OSW2	11.0	26.0	26.0	1479806.43	799538.84	Top of PVC	2934.32	17.65	0.41	18.06	2916.26	#REF!
SBM1	17.0	28.0	30.6	1479806.43	799538.84	Top of PVC	2936.64			20.20	2916.44	#REF!
SBM2	17.0	28.0	30.2	1479806.43	799538.84	Top of PVC	2937.11			21.15	2915.96	#REF!

Notes:

1. Water level corrected for LNAPL in wells with LNAPL
2. Correction factor for wells with LNAPL $h_c = h_m + (H_o (d_o/d_w))$

h_c - Hydraulic head corrected
h_m - Measured elevation of hydrocarbon-water interface
H_o - Thickness of hydrocarbon layer
d_o - Hydrocarbon density (for diesel = 0.827)
d_w - Water density (assumed = 1.0)
ft - Feet

bgs - Below ground surface
amsl - Above mean sea level
GW - Groundwater
PVC - Polyvinyl chloride (well casing)
LNAPL - Light nonaqueous phase liquid (petroluem hydrocarbon, PCP)
SWL - Static water level

Note: Field notes that included "no evidence of product" and the presence of "brown flecks or algae" were eliminated from this data summary as product detected in the respective well.

TABLE 2-3
SUMMARY OF AQUIFER TEST RESULTS
KRY SITE

Well Number	Well Diameter (inches)	Aquifer Zone[1]	Aquifer Thickness (feet)	Test Date	Test Type Conducted	Test Duration (minutes)	Pumping Rate (gpm)	Maximum Drawdown (feet)	Solution Method	Transmissivity (ft^2/day)	Hydraulic Conductivity (ft/day)
KRY108A	2	Upper Unconfined	91	8/21/06	Pumping Well Drawdown	94	6.1	0.03	NC [2]	NC [2]	NC [2]
KRY113B	2	Lower Unconfined	91	8/21/06	Pumping Well Drawdown	112	6.1	1.1	Theis Unconfined	5,500	60
KRY121A	2	Upper Unconfined	106	8/18/06	Pumping Well Drawdown	56	6.1	0.1	NC [2]	NC [2]	NC [2]
KRY121B	4	Lower Unconfined	106	8/16/06	Pumping Well Drawdown	42	30	1.1	Theis Unconfined	34,600	326
KRY139A	4	Upper Unconfined	164	8/22/06	Pumping Well Drawdown	105	5.8	2.97	Theis Unconfined	2,800	17
KRY139A	4	Upper Unconfined	14.6[3]	8/22/06	Pumping Well Recovery	15	5.8	2.97	Theis Confined	138	9
KRY139B	2	Lower Unconfined	164	8/22/06	Pumping Well Drawdown	84	6.1	1.3	Theis Unconfined	8,941	55

Notes:
(1) Upper Unconfined refers to wells completed in upper portion of unconfined aquifer. Lower Unconfined refers to wells completed in lower portion of unconfined aquifer.
(2) NC = not calculated Aquifer tests at wells KRY108A and KRY121A yielded insufficient drawdown to complete the analysis.
(3) Calculation of transmissivity and hydraulic conductivity used the length of the saturated portion of the well screen.

Solution Methods: Theis (1935)
Gpm Gallons per minute
ft^2/d Feet squared per day

TABLE 2-4

SUMMARY OF PREVIOUS AQUIFER TESTING RESULTS
KRY SITE

Well Number	Well Diameter (inches)	Screen Interval (feet bgs)	Aquifer Zone (1)	Test Type Conducted	Solution Method	Hydraulic Conductivity (ft/day)
Data from RETEC 1995 Site Investigation Report for KPT						
KPT-1	4	13-28	Upper unconfined	Slug Test	Bower/Rice	34
KPT-5	4	13-28	Upper unconfined	Slug Test	Bower/Rice	37
KPT-7	4	12.5-27.5	Upper unconfined	Slug Test	Bower/Rice	34
KPT-8	4	110-120	Lower unconfined	Slug Test	Bower/Rice	43
GW-1	4	12-22	Upper unconfined	Slug Test	Bower/Rice	48
Data from Spratt & Associates 1992 Phase III Environmental Site Assessment for Seaman Mobile Homes						
EH-1	2	3-11	Upper unconfined	Pumping test	NA	12
EH-2	2	8-18	Upper unconfined	Pumping test	NA	4
EH-3	2	6-16	Upper unconfined	Pumping test	NA	0.4
MW-14	4	10-30	Upper unconfined	Slug Test	NA	322
SW-5	4	20-40	Upper unconfined	Slug Test	NA	0.5
SW-6	4	17-37	Upper unconfined	Slug Test	NA	1.7
SW-7	4	12-32	Upper unconfined	Slug Test	NA	15

Notes:

1. Unconfined refers to wells completed in upper portion of unconfined aquifer
2. Lower unconfined refers to wells completed in lower portion of unconfined aquifer

NA = Not available

Table 3-1
Groundwater Cleanup Levels
KRY Site

		Rationale for Cleanup Level Selection			
Contaminant of Concern	**Cleanup Level (ug/L)**	**Background**	**DEQ-7 Standard**	**RBCA RBSL**	**Tap Water PRG**
1,2,4-Trimethylbenzene	15				X
Arsenic	10		X		
Benzene	5		X	X	
C11-C22 Aromatics	1000			X	
C5-C8 Aliphatics	800			X	
C9-C10 Aromatics	1000			X	
C9-C12 Aliphatics	500			X	
Dioxins/furans (TEQ - WHO 1998)	5.61 pg/L	X			
Ethylbenzene	700		X	X	
Iron	300		X		
Manganese	778	X			
Naphthalene	100		X	X	
Pentachlorophenol	1		X		
Toluene	1000		X	X	
Free-product	1/8 inch*				

ug/L - microgram per liter (parts per billion)
pg/L - picograms per liter (parts per quadrillion)
* - 40 CFR 280.64 and ARM 17.56.607 require removal of free-product to the maximum extent practicable; determined by DEQ to be 1/8 inch or less.

Table 3-2
Soil Cleanup Levels
KRY Site

Contaminant of Concern	Surface Soil Commercial/Industrial Cleanup Level (mg/kg)	Surface Soil Residential Cleanup Level (ng/kg)[f]	Subsurface Soil Construction/Excavation Cleanup Level (mg/kg)
1,2,4-Trimethylbenzene	NA	NA	**25**
Acenaphthene	NA	NA	**27,000**
Arsenic	40[a]	NA	40[a]
Benz(a)anthracene	[b]	NA	[g]
Benzo(a)pyrene	[b]	NA	[g]
Benzo(b)fluoranthene	[b]	NA	NA
C11-C22 Aromatics	33,445[*]	NA	33,445
C19-C36 Aliphatics	NA	NA	260,154
C5-C8 Aliphatics	NA	NA	730
C9-C10 Aromatics	NA	NA	**4,800**
C9-C12 Aliphatics	NA	NA	1,550
C9-C18 Aliphatics	2,634[*]	NA	2,634
Carbazole	NA	NA	**99**
Chromium	**150**	NA	**20**
Dibenzo(a,h)anthracene	[b]	NA	NA
Dioxins/furans (TEQ - 2005)	103 ng/kg	54	850 ng/kg
Ethylbenzene	NA	NA	**320**
Fluorene	NA	NA	**130,000**
Indeno(1,2,3-cd)pyrene	[b]	NA	NA
Iron	NA	NA	46,686
Lead	800[c]	NA	800[c]
Methylene Chloride	**0.82**	NA	NA
2-Methylnaphthalene	NA	NA	1,982
Naphthalene	NA	NA	**220**
Pentachlorophenol	**12[d]**	NA	**0.43**
Selenium	NA	NA	**1.7**
Sludge	Visible[e]	NA	Visible[e]
Toluene	NA	NA	**260**
Xylenes	NA	NA	486

mg/kg - milligrams per kilogram (parts per million)
ng/kg - nanograms per kilogram (parts per trillion)
Cleanup levels in **bold** are based on leaching to groundwater (assumes contamination only in the surface soil with clean subsurface soils).

[*] - Cleanup levels are based on excavation because that pathway is more protective

[a] - DEQ Action Level from DEQ's April 2005 Arsenic Position Paper

[b] - Total cPAH cleanup level is 1.7 mg/kg (determined using the approach outlined in EPA,1993). cPAHs include benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene for surface soils. See Risk Analysis for more information.

[c] - EPA Region 9 Industrial Preliminary Remediation Goal

[d] - Cleanup level unless subsurface soil is contaminated in same area, then it is 0.43 mg/kg (the excavation leaching to groundwater level - see * above).

[e] - 40 CFR 280.64 and ARM 17.56.607 require removal of free product to the maximum extent practicable. For soil, this is based on visual observation.

[f] - Dioxins/furans were the only COC for residential soil

[g] - Total cPAH cleanup level is 13 mg/kg (determined using the approach outlined in EPA, 1993). cPAHs include benzo(a)anthracene and benzo(a)pyrene for subsurface soils. See Risk Analysis for more information.

NA - Not applicable

TABLE 3-3a
SUMMARY OF LNAPL THICKNESSES
KRY SITE

Well Number	Jul-06		Aug-06		Sep-06		Oct-06		Nov-06		Dec-06		
	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Max Thickness
CLCW-1	--	--	--	--	--	--	--	--	--	--	--	--	
GW-1	--	--	--	--	--	--	--	--	--	--	--	--	
GW-5	--	--	--	--	--	--	--	--	--	--	--	--	
GWRM-1	--	--	--	--	--	--	--	--	--	--	--	--	
GWRM-2	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-1	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-2	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-3	--	--	--	--	--	--	11.68	0.01	--	--	--	--	0.01
GWRR-4	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-5	16.81	0.03	--	--	--	--	--	--	18.05	0.01	17.91	0.01	0.01
GWRR-6	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-7	11.56	0.45	11.74	0.02	12.06	0.24	12.15	0.39	12.39	0.37	12.57	0.6	0.45
GWRR-8	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-9	--	--	20.08	0.03	--	--	--	--	--	--	--	--	0.03
GWY-3	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-4	--	--	--	--	20.24	0.01	--	--	--	--	--	--	0.01
GWY-10	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-12	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-13	--	--	--	--	18.74	0.01	--	--	--	--	--	--	0.01
GWY-14	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-1	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-2	--	--	--	--	19.48	0.01	--	--	--	--	19.26	0.02	0.02
KPT-3	16.88	0.05	--	--	18.59	0.01	18.39	0.06	--	--	18.34	0.03	0.06
KPT-4	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-5	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-6	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-7	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-8	--	--	--	--	--	--	--	--	18.55	0.01	--	--	0.01
KPT-9	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-10	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-11	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-12	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-13	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-14	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-15	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-16	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-17	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-18	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-19	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-20	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-21	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-22	--	--	--	--	--	--	--	--	--	--	--	--	
KRY100	--	--	--	--	--	--	--	--	--	--	--	--	
KRY101A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY101B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY102A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY102B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY103A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY103B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY104	--	--	--	--	--	--	--	--	--	--	--	--	
KRY105	--	--	--	--	--	--	8.55	0.01	--	--	--	--	0.01
KRY106A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY106B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY107A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY107B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY108A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY109	--	--	--	--	--	--	--	--	--	--	--	--	
KRY110A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY110B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY111A	--	--	--	--	--	--	--	--	--	--	21.13	0.03	0.03
KRY111B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY112A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY112B	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3-3a
SUMMARY OF LNAPL THICKNESSES
KRY SITE

Well Number	Jul-06		Aug-06		Sep-06		Oct-06		Nov-06		Dec-06		
	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Max Thickness
KRY113A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY113B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY114A	18.55	0.85	19.55	0.94	19.89	0.01	19.54	0.04	19.56	0.06	19.45	0.05	0.94
KRY114B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY115A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY115B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY116A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY116B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY117	--	--	--	--	--	--	--	--	--	--	--	--	
KRY118A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY118B	--	--	--	--	--	--	11.23	0.01	--	--	--	--	0.01
KRY119	--	--	--	--	--	--	14.23	0.01	14.29	0.01	--	--	0.01
KRY121A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY121B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY122A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY122B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY123	--	--	--	--	--	--	--	--	--	--	--	--	
KRY125A	--	--	--	--	--	--	--	--	locked	--	--	--	
KRY125B	--	--	--	--	--	--	--	--	locked	--	--	--	
KRY126	--	--	--	--	--	--	--	--	14.5	0.01	--	--	0.01
KRY127	--	--	--	--	--	--	--	--	--	--	--	--	
KRY128A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY128B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY129A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY129B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY130A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY130B	--	--	--	--	--	--	--	--	--	--	--	--	
KRY132	--	--	--	--	--	--	--	--	--	--	10.91	0.01	0.01
KRY133	--	--	--	--	--	--	--	--	--	--	--	--	
KRY134	--	--	--	--	--	--	--	--	--	--	--	--	
KRY135	13.1	2.15	13.83	0.17	13.76	0.01	13.84	2.62	13.99	2.73	14.07	2.51	2.73
KRY136	19.67	0.47	20.98	0.39	21.28	0.02	20.85	0.28	20.9	0.3	20.75	0.25	0.47
KRY137	--	--	--	--	--	--	--	--	--	--	--	--	
KRY138	19.61	0.04	20.87	0.01	--	--	--	--	--	--	--	--	0.04
KRY139A	--	--	--	--	--	--	--	--	--	--	--	--	
KRY139B	--	--	--	--	--	--	--	--	--	--	--	--	
NTL-MW-3	--	--	--	--	--	--	--	--	--	--	--	--	
NTL-MW-4	--	--	--	--	--	--	--	--	--	--	--	--	
OMW-1	--	--	--	--	--	--	--	--	--	--	--	--	
OMW-2	--	--	--	--	--	--	--	--	--	--	--	--	
OMW-3	--	--	--	--	--	--	--	--	--	--	--	--	
OMW-4	--	--	20.03	1.37	20.34	0.17	19.97	0.09	20.02	0.08	19.91	0.05	1.37
OMW-5	--	--	19.71	0.21	20.08	0.04	19.67	0.04	19.68	0.1	19.58	0.03	0.21
OMW-6	--	--	--	--	--	--	--	--	--	--	--	--	
OSW-1	--	--	--	--	--	--	--	--	--	--	--	--	
OSW-2	--	--	--	--	17.63	0.02	--	--	--	--	--	--	0.02
RW-1	--	--	--	--	--	--	--	--	13.24	1.04	13.37	0.03	1.04
RW-2	--	--	--	--	--	--	--	--	15.14	0.53	15.3	0.53	0.53
PW-1	--	--	--	--	--	--	--	--	--	--	--	--	
PW-3	--	--	--	--	--	--	--	--	--	--	--	--	
SBM-1	--	--	--	--	--	--	--	--	--	--	--	--	
SBM-2	--	--	--	--	--	--	19.85	0.05	--	--	--	--	0.05
SW-9	--	--	--	--	--	--	--	--	15.48	0.01	--	--	0.01

TABLE 3-3b
SUMMARY OF LNAPL THICKNESSES
KRY SITE

Well Number	Jan-07		Feb-07		Mar-07		Apr-07		May-07		Jun-07		Jul-07		Max Thickness
	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	
CLCW-1	--	--	sheen	--	--	--	--	--	--	--	--	--	--	--	
GW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRM-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRM-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-1	--	--	--	--	--	--	12.83	0.01	--	--	--	--	--	--	0.01
GWRR-2	--	--	18.3	0.01	--	--	--	--	--	--	--	--	--	--	0.01
GWRR-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-5	17.93	0.03	18.06	0.02	--	--	--	--	--	--	--	--	18.58	0.05	0.05
GWRR-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-7	12.47	0.65	12.6	0.3	11.27	0.23	11.55	0.26	11.92	0.46	12.05	0.2	12.28	0.44	0.65
GWRR-8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWRR-9	--	--	20	0.01	--	--	--	--	--	--	--	--	20.55	0.02	0.03
GWY-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
GWY-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-2	19.31	0.05	19.44	0.06	19.08	0.02	18	0.01	17.55	0.03	17.83	0.07	19.44	0.07	0.07
KPT-3	--	--	18.52	0.05	--	--	--	--			--	--	18.53	0.02	0.06
KPT-4	--	--	19.5	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-6	--	--	17.57	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-8*	--	--	18.6	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-9	--	--	--	--	--	--	--	--	--	--	--	--	7.76	0.01	0.01
KPT-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-11*	--	--	10.81	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-12	--	--	20.36	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-13*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-14*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-15*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-17	--	--	11.31	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KPT-18	--	--	13.2	0.01	--	--	12.45	0.01	--	--	--	--	--	--	0.01
KPT-19	17.87	0.01	17.96	0.02	--	--	--	--	--	--	--	--	18.45	0.02	0.03
KPT-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KPT-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-101A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-101B	--	--	17.85	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KRY-102A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-102B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-103A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-103B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-105			--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-106A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-106B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-107A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-107B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-108A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-110A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-110B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-111A	21.11	0.02	21.36	0.06	20.98	0.02	19.92	0.43	19.42	0.79	18.81	2.19	21.13	0.55	2.19
KRY-111B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-112A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-112B	--	--	20.28	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KRY-113A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-113B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-114A	19.47	0.11	19.61	0.14	--	--	--	--	--	--	18.21	0.36	20.1	0.21	0.94
KRY-114B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-115A	--	--	22.3	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KRY-115B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-116A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-116B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-118A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-118B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-121A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY121B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-122A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3-3b
SUMMARY OF LNAPL THICKNESSES
KRY SITE

Well Number	Jan-07		Feb-07		Mar-07		Apr-07		May-07		Jun-07		Jul-07		Max Thickness
	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	Depth to LNAPL (ft bgs)	LNAPL Thickness (ft)	
KRY-122B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-125A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-125B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-128A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-128B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-129A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-129B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-130A	--	--	16.08	0.01	--	--	--	--	--	--	--	--	--	--	0.01
KRY-130B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-132	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01
KRY-133	--	--	--	--	--	--	--	--	--	--	18.65	0.11	--	--	0.11
KRY-134	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-135	13.85	3.12	14.1	2.6	11.9	0.9	12.18	0.86	13.21	1.84	13.41	0.46	13.8	0.12	3.12
KRY-136	20.78	0.22	20.9	0.35	20.52	0.24	19.51	0.37	19.03	0.86	19.57	0.45	21.42	0.31	0.86
KRY-137	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-138	--	--	20.84	0.01	--	--	--	--	--	--	19.5	0.05	21.35	0.09	0.09
KRY-139A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
KRY-139B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NTL-MW3	--	--	7.1	0.01	--	--	--	--	--	--	--	--	--	--	0.01
NTL-MW4	--	--	11.36	0.01	--	--	--	--	--	--	--	--	--	--	0.01
OMW-1	--	--	11.11	0.01	--	--	--	--	--	--	--	--	--	--	0.01
OMW-2	--	--	19.48	0.01	--	--	--	--	--	--	--	--	--	--	0.01
OMW-3	--	--	12.08	0.01	--	--	--	--	--	--	10.62	0.02	12.43	0.02	0.02
OMW-4	19.96	1.07	20.06	0.09	19.64	0.07	--	--	18.14	0.03	18.7	0.02	20.55	0.16	1.37
OMW-5	19.61	0.18	19.73	0.24	--	--	--	--	--	--	--	--	20.24	0.07	0.24
OMW-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
OSW-1	16.85	0.05	16.99	0.05	16.58	0.05	--	--	--	--	--	--	--	--	0.05
OSW-2	17.35	0.02	17.47	0.28	17.05	0.05	--	--	--	--	--	--	17.65	0.41	0.41
RW-1	13.31	0.62	13.42	0.48	12.2	0.2	12.5	0.23	12.83	0.92	12.91	0.3	13.15	0.32	1.04
RW-2	15.22	0.68	15.35	0.03	14.02	0.4	14.3	0.08	14.68	1.09	14.78	0.02	15.01	0.6	1.09
PW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SBM-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SBM-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.05
SW-9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01

TABLE 3-4
Estimated Volume of Contaminated Groundwater
KRY SITE

COCs	Surface Area (square feet)	Volume (gallons)*	Cleanup Level (ug/L)
Dioxins/Furans	1,086,308	87,768,038	5.61 pg/L
PCP	513,442	41,483,443	1.0
Petroleum Hydrocarbons	139,879	11,301,496	[a]
Metals	2,103,990	169,991,451	[b]

* - Voume calculation based on estimated aquifer thickness of 40 feet (for shallow or deep portion) and an aquifer effective porosity of 27%.

[a] - Cleanup Levels are different for different compounds. Volume calculation includes C11-C22 Aromatics, C5-C8 Aliphatics, C9-C10 Aromatics, and C9-C12 Aliphatics, as these are the COCs for the KRY Site. See Table 3-1 for cleanup levels for individual compounds.

[b] - Cleanup Levels are different for different compounds. Volume calculation includes arsenic, iron, and manganese, as these are the COCs for the KRY Site. See Table 3-1 for cleanup levels for individual compounds.

Table 3-5
Estimated Volume of Contaminated Soil
KRY Site

COCs	Surface Soil Volume (cy)	Surface Soil Volume with Multiplier* (cy)	Cleanup Level (mg/kg)	Subsurface Soil Volume (cy)	Subsurface Soil Volume with Multiplier* (cy)	Cleanup Level (mg/kg)
Dioxins/Furans	19,898	35,816	89 ng/kg	4,239	7,630	736 ng/kg
PCP	8,865	15,957	0.43	24,993	44,987	0.43
Petroleum Hydrocarbons	2,867	5,161	[a]	12,928	23,270	[b]
Lead	1,135	2,043	800	794	1,429	800

* - Multiplier of 1.8 applied to soil volumes to account for DEQ Petroleum Release Compensation Board experience with estimated volume increases for excavation-related remedial actions.

[a] - Cleanup levels are different for different compounds (see Table 10). Volume calculation for surface soil includes C5-C8 Aliphatics and C9-C18 Aliphatics, as they were the only petroleum compounds with exceedances of cleanup levels.

[b] - Cleanup levels are different for different compounds (see Table 11). Volume calculation for subsurface soil includes C5-C8 Aliphatics, C9-C10 Aromatics, C9-C12 Aliphatics, C9-C18 Aliphatics, as they were the compounds with exceedances of cleanup levels.

TABLE 3-6
WORSE CASE ESTIMATED VOLUME OF LNAPL
KRYSITE

Area Description	Surface Area (square feet)	LNAPL Volume (gallons)	Average Maximum Thickness (feet)
Less Viscous	186,901	81,921	0.279
More Viscous	139,487	82,176	0.375
Total	326,388	164,097	NA

LNAPL volume = Surface Area x Average Maximum LNAPL Thickness x 7.481 (gallons per cubic foot) x 0.21 (value of effective porosity)

Average Maximum LNAPL Thickness derived from monthly LNAPL thickness measurements collected from KRY Site monitoring wells from July 2006 through July 2007.

Note: LNAPL presence is inferred in the areas between wells with documented LNAPL occurrences.

NA - Not Applicable

Table 3-7
Estimated Volume of Sludge
KRY Site

Feature	Description	Estimated Sludge Volume (cy)
Sludge Pit	Liquid layer (0 ft to 0.5 ft)	9
Sludge Pit	Sludge mixed with debris (0.5 ft to 4 ft)	31
Area Distribution of Sludge	Potential sludge area based on boring logs	2,871
Area Distribution of Sludge	Surface sludge at low depressions and surrounding GWRR-3	10
Area Distribution of Sludge	Surface sludge in the triangular area	122
Fenced-off Sludge Area (East of Railroad)	Sludge at the ground surface (0.5 ft estimated maximum thickness)	83
Grand Total -- Sludge Volume Estimate		**3,126**

TABLE 5-1
DESIGN ASSUMPTIONS
KRY SITE

Option	Primary Source Treated	Description	Unit	Quantity
Multi-phase Extraction	LNAPL	6-in Extraction Wells	ea	46
		Well Depth	ft	30
		Bioslurping System Liquid Extraction Rate	gpm	35
		Vapor Recovery Rate	scfm	1,000
LNAPL Extraction	LNAPL	6-in Extraction Wells	ea	46
		Skimmers	ea	46
		Well Depth	ft	30
		Total LNAPL Volume	gal	165,000
Extraction and Ex Situ Treatment	Groundwater	6-in Extraction Wells (each)	Shallow Deep	11 3
		Well Depth (feet)	Shallow Deep	30 100+
		Groundwater Extraction and Treatment Rate	gpm	75
In Situ Enhanced Bioremediation	Groundwater and Soil	ORC Injection Point	ea	1,300
		Maximum Injection Depth	ft	30
		ORC Injection Rate	lb each yr	55,158
In Situ Chemical Oxidation[1]	Groundwater and Soil	Injection Wells (each)	Shallow Deep	345 3
		Well Depth (feet)	Shallow Deep	22 100+
		Ozone Generation Systems	ea	25
Soil Barrier	Soil	Cap Area	sf	750,000
		Geomembrane Thickness	mm	40
		Asphalt Thickness	in	4
		Base Gravel Thickness	in	12
Excavation and Offsite Disposal	Soil	Excavation Volume	cy	272,000
		Overburden	percent	50
		Non-hazardous Waste	cy	73,000
		Hazardous Waste	cy	69,000
Excavation, Ex Situ Treatment and Backfill[1]	Soil	Excavation Volume	cy	262,822
		Overburden	percent	50
Site-wide Elements	Groundwater	Wells to be Sampled	shallow	42
			deep	15
		Cost of Analysis[2]	per well	$1,773
Monitored Natural Attenuation	Groundwater	Wells to be Sampled	shallow	42
			deep	15
		Cost of Analysis[2]	per well	$1,773

[1] - These cost estimates, and therefore design assumptions, were revised based on public comments and the revised costs/design assumptions were included in the Final FS Report.

cy - cubic yards
ea - each
ft - feet
gal - gallons
gpm - gallons per minute
in - inches
lb - pounds
mm - millimeter
scfm - standard cubic feet per minute
sf - square feet
yr - year

[2] - Analytical suite includes MNA parameters (dissolved oxygen, temperature, pH, oxidation/reduction potential, nitrate, sulfate ferrous iron, and dissolved manganese), PCP (low-level, in combination with SVOCs), dioxins/furans, petroleum hydrocarbons (EPH/VPH), and metals. Costs reported as a lump sum per well, which includes costs for all of these analyses.

Table 6-1
Comparison of Alternatives
KRY Site

Alternatives	Protectiveness	Compliance with ERCLs	Mitigation of Risk	Effectiveness and Reliability	Implementability and Practicability	Treatment or Resource Recovery Technologies	Present Cost at 3% Over 100 Years
1 - No Action	No	No	No	No	Yes	No	$0
2 - Multi-Phase Extraction and Disposal	Yes (when combined)	Yes (when combined)	Yes (when combined)	Yes (for LNAPL)	Yes	Yes	$ 9,910,800
3 - LNAPL Extraction and Disposal	Yes (when combined)	Yes (when combined)	Yes (when combined)	Yes (for LNAPL)	Yes	Yes	$ 12,392,100
4 - Extraction, Ex-Situ Treatment, and Discharge of Groundwater	Yes (when combined)	Yes (when combined)	Yes (Groundwater contamination) No (LNAPL, sludge, soil contamination)	Yes (for petroleum and PCP) No (for dioxins/furans and metals)	Yes	Yes	$ 36,223,000
5 - In-Situ Bioremediation of Groundwater and Soil	Yes (when combined)	Yes (when combined)	Yes (PCP and petroleum) No (LNAPL, sludge, dioxin/furan and metals)	Yes (PCP and petroleum) No (dioxin/furans and metals)	Yes	Yes	$ 52,272,900
6 - In-Situ Chemical Treatment of Groundwater and Soil	Yes (when combined)	Yes (when combined)	Yes (PCP and petroleum) No (LNAPL, sludge, metals) Maybe (dioxins/furans)	Yes (PCP and petroleum) No (metals) Maybe (dioxins/furans)	Yes	Yes	$ 15,688,701
7 - Soil Barriers	Yes (when combined)	Yes (when combined)	Yes (when combined)	Yes (when combined)	Yes	No	$ 5,599,800
8 - Excavation, Off-Site Disposal	Yes (when combined)	Yes (when combined)	Yes (for soils) No (for LNAPL and groundwater)	Yes (for soils)	Yes	No	$ 120,950,900
9 - Excavation, Ex-Situ Treatment, and Backfill	Yes (when combined)	Yes (when combined)	Yes (for soils) No (for LNAPL and groundwater) Maybe (dioxin)	Yes (when combined)	Yes	Yes	$8,526,496.00
10 - Monitored Natural Attentuation	Yes (when combined)	Yes (when combined)	Yes (for groundwater) No (for soils, sludge, and LNAPL)	Yes (for groundwater, when combined)	Yes	Yes	$4,952,892.00