

Table 1: SUMMARY OF ANALYTICAL RESULTS

GROUNDWATER MONITORING DATA - collected by PNM, except as noted

Well		Date Sampled	GWEL (ft,msl)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Total BTEX (ug/L)	Product Thickness (ft)	2-MethylPentane (ug/L)
MW-1		10/30/97	6110.10	2.4	2.3	<0.2	1.1	5.8	--	NA
Upgradient well		01/12/98	6107.47	4.3	3.3	0.2	1.0	8.8	--	NA
	MP =	04/14/98	6107.52	1.0	1.3	<0.5	<0.5	2.3	--	NA
		07/01/98	6107.13	1.3	1.0	<0.5	3.7	6.0	--	42.0
		10/05/98	6106.09	<1.0	<1.0	<1.0	<3.0	<6.0	--	NA
		11/09/98	6107.40	NA	NA	NA	NA	NA	--	NA
		01/27/99	6107.51	0.8	0.9	<0.5	<1.5	1.7	--	NA
		05/05/99	6106.76	NA	NA	NA	NA	NA	--	NA
		07/12/99	6106.55	1.1	0.5	<0.5	<0.5	1.6	--	NA
MW-2		12/16/96	NM	3840.0	7960.0	896.0	7920.0	20616.0	NM	NA
PNM drip pit well		02/04/97	NC	NA	NA	NA	NA	NA	4.40	NA
	MP =	08/27/97	NC	NA	NA	NA	NA	NA	4.75	NA
		10/29/97	NC	NA	NA	NA	NA	NA	4.58	NA
		01/12/98	NC	NA	NA	NA	NA	NA	4.41	NA
		04/14/98	NC	NA	NA	NA	NA	NA	2.59	NA
		07/01/98	NC	NA	NA	NA	NA	NA	2.25	NA
		10/05/98	NC	NA	NA	NA	NA	NA	2.01	NA
		11/09/98	NC	NA	NA	NA	NA	NA	2.15	NA
MW-3		1/31/97	NM	<0.2	<0.2	<0.2	<0.2	<0.2	--	NA
Up & cross-gradient to PNM		2/4/97	6101.06	NA	NA	NA	NA	NA	--	NA
	MP =	5/5/97	NM	NA	NA	NA	NA	NA	--	NA
		10/29/97	6101.19	<0.2	<0.2	<0.2	<0.2	<0.2	--	NA
		1/12/98	6101.11	<0.2	<0.2	<0.2	<0.2	<0.2	--	NA
		4/14/98	6100.97	<0.5	<0.5	<0.5	<0.5	<0.5	--	NA
		7/1/98	6101.14	0.03 JB	0.05 JB	<0.5	<0.5	0.08 JB	--	<30.0
		10/5/98	6100.57	<1.0	<1.0	<1.0	<3.0	<6.0	--	NA
		11/9/98	6100.89	<1.0	<1.0	<1.0	<3.0	<6.0	--	NA
MW-4		1/31/97	NM	811.7	1420.5	31.0	388.1	2651.3	--	NA
Upgradient PNM; downgradient Burlington		2/4/97	6106.16	NA	NA	NA	NA	NA	--	NA
		5/1/97	NM	1162.0	1797.0	41.0	486.0	3486.0	--	NA
	MP =	8/27/97	6106.87	NA	NA	NA	NA	NA	--	NA
		10/29/97	6106.73	NA	NA	NA	NA	NA	--	NA
		1/12/98	6105.88	1251.0	6.0	82.0	24.0	1363.0	--	NA
		4/14/98	6105.93	1100.0	7.2	28.0	12.0	1147.2	--	NA
		7/1/98	6106.14	1400.0	50.0	120.0	124.0	1694.0	--	10.0 J
		10/5/98	NC	NA	NA	NA	NA	NA	0.63	NA
		11/9/98	NC	NA	NA	NA	NA	NA	0.26	NA
		1/27/99	NC	NA	NA	NA	NA	NA	0.40	NA
MW-5		10/29/97	6075.23	5934.0	10024.0	709.0	8188.0	24855.0	--	NA
Downgradient along wash		1/12/98	6075.09	7521.0	11213.0	779.0	8436.0	27949.0	--	NA
	MP =	4/14/98	6075.33	7000.0	11000.0	720.0	7800.0	26520.0	--	NA
		7/1/98	6075.43	6500.0	10600.0	780.0	7500.0	24780.0	--	800.0
		10/5/98	6074.48	6800.0	8400.0	740.0	6900.0	22840.0	--	NA
		11/9/98	6074.89	6200.0	8200.0	670.0	6500.0	21570.0	--	NA
		1/27/99	6074.87	6400.0	8900.0	660.0	6700.0	22660.0	--	NA
		5/5/99	6075.23	6800.0	9800.0	900.0	7800.0	25300.0	--	NA
	Burlington	5/26/99	NR	6600.0	10000.0	650.0	8100.0	25350.0	--	NA
		7/12/99	6075.60	8300.0	10000.0	750.0	8800.0	25850.0	--	NA
MW-6		11/12/97	NC	NA	NA	NA	NA	NA	4.80	NA
PNM drip pit/product recovery		1/12/98	NC	NA	NA	NA	NA	NA	4.71	NA
	MP =	4/14/98	NM	NA	NA	NA	NA	NA	pumping	NA
		7/1/98	NC	NA	NA	NA	NA	NA	pumping	NA
		10/5/98	NC	NA	NA	NA	NA	NA	pumping	NA
		11/9/98	NC	NA	NA	NA	NA	NA	2.27	NA
MW-7		1/12/98	6047.12	780.0	246.0	258.0	3942.0	5226.0	--	NA
Downgradient along wash; adj pipeline		04/14/98	6047.09	820.0	340.0	190.0	2450.0	3800.0	--	NA
	MP =	07/01/98	6047.03	950.0	440.0	200.0	3020.0	4610.0	--	200.0
		10/05/98	6046.77	1600.0	930.0	180.0	1530.0	4240.0	--	NA
		11/09/98	6046.77	1800.0	1000.0	160.0	1240.0	4200.0	--	NA
		01/27/99	6046.77	2100.0	1000.0	160.0	1050.0	4310.0	--	NA
		05/05/99	6046.44	210.0	2.9	30.0	147.0	389.9	--	NA
	Burlington	05/26/99	NR	190.0	7.4	32.0	150.0	379.4	--	NA
well screen bottom elevation		07/12/99	6046.04	130.0	7.2	22.0	101.3	260.5	--	NA
MW-8		1/12/98	6104.71	6410.0	17301.0	693.0	9397.0	33801.0	Sheen	NA
Upgradient PNM; downgradient Burlington		4/14/98	6104.41	NA	NA	NA	NA	NA	0.37	NA
	MP =	7/1/98	6105.14	NA	NA	NA	NA	NA	0.37	NA
		10/5/98	6104.54	NA	NA	NA	NA	NA	0.13	NA
		11/9/98	6104.77	NA	NA	NA	NA	NA	0.02	NA

Notes:

J = Analyte detected below Practical Quantitation Limit
B = Analyte detected in the associated Method BlankNM = Not measured
NA = Not analyzed

NC = Not Calculated (product)

Table 1: SUMMARY OF ANALYTICAL RESULTS

Sample	Matrix	Date Sampled	GWEL (ft, msl)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	Total BTEX (ppb)	Product Thickness (ft)	2-MethylPentane (ug/L)
MW-9		7/1/98	6100.12	12.0	0.2	0.6	1.3	14.1	--	<30.0
Upgradient PNM, crossgradient Burlington		10/5/98	6100.03	16.0	<1.0	1.1	2.1	19.2	--	NA
MP = 6122.515		11/9/98	6100.40	12.0	<1.0	<1.0	<3.0	12.0	--	NA
		1/27/99	6099.23	0.8	<0.5	<0.5	2.2	3.0	--	NA
		5/5/99	6099.92	73.0	<0.5	2.2	1.6	76.8	--	NA
		5/26/99	6100.07	120.0	<0.5	2.5	1.8	124.3	--	NA
	Burlington	5/26/99	6100.07	120.0	<0.5	1.6	0.8	122.4	--	NA
		7/12/99	6100.18	140.0	<0.5	1.5	<0.5	141.5	--	NA
MW-10		7/1/98	NC	NA	NA	NA	NA	NA	2.00	NA
Upgradient PNM, downgradient Burlington		10/5/98	NC	NA	NA	NA	NA	NA	1.91	NA
MP = 6122.5		11/9/98	NC	NA	NA	NA	NA	NA	2.10	NA
MW-11	6015.75	1/27/99	5958.60	<0.5	2.5	0.7	13.1	16.3	--	NA
Downgradient well - 1800', near road		5/5/99	5958.65	<0.5	<0.5	<0.5	<1.5	0.0	--	NA
	Burlington	5/26/99	NR	0.8	1.7	<0.5	1.1	3.6	--	NA
		7/12/99	5958.27	NS	NS	NS	NS	NS	--	NS
MW-12 (new source well @ MW-6)										NA
SOIL sample TPH (ppm)	2350	5/5/99		1200	13000	5100	68000	87300.0	--	NA
		5/5/99		790.0	840.0	260.0	2880.0	4770.0	--	NA
TOC ~16' lower than MW-6	6109.02	5/26/99	6099.45	1900	820	200	1720	4640.0	Sheen	NA
	Burlington	5/26/99		1800	840	160	1600	4200.0	NR	NA
		7/12/99	6099.63	4500	760	400	3100	8760.0	Sheen	NA
	duplicate	7/12/99		4600	730	390	3080	8800.0	Sheen	NA
MW-13	6122.76	5/26/99	--	1800.0	25.0	12.0	35.3	1872.3	--	NA
BROG well between pit & MW-4 Burlington		5/26/99	--	2100	22	8.8	29	2159.8	--	NA
		7/12/99	6104.3	2100	14	9.9	10.9	2134.8	--	NA
TMP-1		11/11/97	NM	2171.0	4185.0	190.0	2856.0	9402.0	--	NA
Temporary well; wash midway MW-5, MW-7		7/1/98	6057.61	2000.0	4300.0	180.0	2700.0	9180.0	--	80.0
MP = 6076.48		11/9/98	NM	980.0	1900.0	84.0	1540.0	4504.0	--	NA
		7/12/99	Dry	NS	NS	NS	NS	NS	--	NS
EB WELL		11/25/97	5959.74	<0.2	<0.2	<0.2	<0.2	<0.2	--	NA
Downgradient private well		7/12/99	5961.09							
MP = 6028.64										
Burlington Excavation	Surface Water	2/11/98	15'	1800	1700	<25	1420	4920	rainbow	NA
	Surface Water	7/1/98	6106.26	10.0	0.4	0.1	1.5	12.0	rainbow	<30.0
	Surface Water	11/9/98	NM	2.9	16.0	<1	18.1	37.0	--	NA
	Soil - @ water	7/1/98	NM	36000.0	560000.0	100000.0	1430000.0	2126000.0	--	NA
Hydrocarbon Seep	Surface Water	7/1/98	6098.72	1.6	0.7	0.6	0.36	3.26	rainbow	6.0 J
		4/14/99		40.0	2.2	2.1	19.00	63.30	rainbow	NA
Burlington Temporary Monitoring Well Sampling										
Sample	Matrix	Date Sampled	Depth (ft)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	Total BTEX (ppb)	TPH (mg/Kg)	PID (ppm)
TPW-01	Water	6/5/97		20.0	<1	<1	<1	20.0	NA	0
	Soil		25-26'	<1	<1	<1	<1	<1	<10	
TPW-02	Water	6/5/97	Product	NA	NA	NA	NA	NA	NA	187
	Soil		25-26'	2000.0	4600.0	14000.0	39000.0	59600.0	600.0	
TPW-03	Water	6/5/97	Dry	NA	NA	NA	NA	NA	NA	0
	Soil	6/5/97	25-26	<1	<1	<1	<1	<1	25	
TPW-04	Water	6/6/97		2000.0	3100.0	57.0	810.0	5967.0	NA	33
	Soil	6/6/97	20-21.5'	28.0	3.4	76.0	40.0	147.4	52	
TPW-05	Water	6/6/97		5800.0	460.0	16000.0	7000.0	29260.0	NA	470
	Soil	6/6/97	15-16'	4000.0	10000.0	4500.0	28000.0	46500.0	61	
TPW-06	Water	6/6/97		1600.0	3400.0	48.0	690.0	5738.0	NA	61
	Soil	6/6/97	16-16.5'	<1	<1	2.8	4.8	7.6	11	
TPW-07	Water	6/6/97		5300.0	18000.0	620.0	9300.0	33220.0	NA	948
	Soil	6/6/97	15-16'	7000.0	74000.0	20000.0	170000.0	271000.0	250	
Burlington Profile Borings										
SB-1 (near BROG excavation)	Soil	10/8/98	15-16'	335	697	181	1808	3021	26.4	1555
SB-2 (near PNM former pit)	Soil	10/8/98	15'	1950	9960	2460	22590	36960	194	>2000
PNM Test Holes along Wash										
TH-1	Soil	11/11/97	12.7'	NA	NA	NA	NA	NA	PID (ppm)	1412
TH-2	Soil	11/11/97	14.4'	NA	NA	NA	NA	NA	NA	1357
TH-3	Soil	11/11/97	16.5'	NA	NA	NA	NA	NA	NA	0
TH-4	Soil	11/11/97	15'	NA	NA	NA	NA	NA	NA	279
TH-5	Soil	11/11/97	14.5'	NA	NA	NA	NA	NA	NA	1211
TH-6	Soil	11/11/97	16'	NA	NA	NA	NA	NA	NA	0
TH-7 (temporary well)	Water	11/11/97	NA	2171.0	4185.0	190.0	2856.0	170000.0	279	
TH-8	Soil	11/12/97	14'	NA	NA	NA	NA	NA	0	

Notes:

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000013