

Table C-2
KeySpan Corporation
Bay Shore/Brightwaters Former MGP
Brightwaters Yard - Operable Unit 3 (OU-3): Interim Remedial Measure (IRM)
Brightwaters, New York

Post-IRM Groundwater Analytical Results
Fourth Quarter 2004 and First Quarter 2005

Brightwaters Yard Area: Total BTEX and PAH Concentrations		
Sampling Date	Fourth Quarter 2004	First Quarter 2005
Total BTEX Concentrations (ug/L)		
MW-01S	ND	NS
MW-02IR	NS	62
PDMW-01	ND	ND
PDMW-02	83,000	90,000
MW-02S/MW-02SR	427	2,050
MW-16S/MW-16SR	317	66,800
MW-16I	NS	ND
MW-29S	ND	ND
MW-29D	ND	NS
Total PAH Concentrations (ug/L)		
MW-01S	ND	NS
MW-02IR	NS	ND
PDMW-01	71	ND
PDMW-02	2,316	2,616
MW-02S/MW-02SR	ND	14
MW-16S/MW-16SR	2,068	3,500
MW-16I	NS	57
MW-29S	ND	ND
MW-29D	ND	NS
Brightwaters Yard Downgradient Area: Total BTEX and PAH Concentrations		
Sampling Date	Fourth Quarter 2004	First Quarter 2005
Total BTEX Concentrations (ug/L)		
MW-64	7,650	ND
MW-65	3,852	ND
MW-78	8,400	15,700
MW-79	24,100	32,300
MW-80	66,900	132,000
MW-81	35,200	37,800
MW-82	10,400	5,340
MW-83	1,543	788
SV-02	ND	ND
SV-03	4,400	936
MW-73	27,700	26,700
MW-75	212	1,815
MW-76	33	ND
BBMW-28S	NOT INSTALLED	ND
BBMW-28I	NOT INSTALLED	ND
Total PAH Concentrations (ug/L) - Line 1		
MW-64	120	ND
MW-65	502	ND
MW-78	22	463
MW-79	661	1,400
MW-80	1,370	2,400
MW-81	1,200	1,700
MW-82	995	233
MW-83	76	140
SV-02	ND	ND
SV-03	130	80
MW-73	1,030	956
MW-75	ND	22
MW-76	ND	47
BBMW-28S	NOT INSTALLED	ND
BBMW-28I	NOT INSTALLED	ND
Oxygen Injection Area: Total BTEX and PAH Concentrations		
Sampling Date	Fourth Quarter 2004	First Quarter 2005
Total BTEX Concentrations (ug/L)		
MW-45W	11,300	39,300
MW-46WR	22,500	37,100
MW-70	70	267
MW-71	6,700	ABANDONED
MW-34S	12,370	5,068
MW-34I	NS	1,348
MW-34D	NS	ND
MW-30W / MW-30WR	NS	ND
MW-11W	1,449	30
MWBS-02S	ND	22
MWBS-02I	ND	ND
MWBS-02D	NS	87
BBMW-29	NS	ND
MW-32W/MW-32WR	33,300	8,413
Total PAH Concentrations (ug/L)		
MW-45W	341	723
MW-46WR	443	1,048
MW-70	ND	ND
MW-71	250	ABANDONED
MW-34S	210	212
MW-34I	NS	290
MW-34D	NS	ND
MW-30W / MW-30WR	NS	ND
MW-11W	110	ND
MWBS-02S	ND	150
MWBS-02I	ND	ND
MWBS-02D	NS	ND
BBMW-29	NS	ND
MW-32W/MW-32WR	877	55

Notes:
BTEX - Benzene, Toluene, Ethylbenzene and Xylenes
PAH - Polycyclic Aromatic Hydrocarbons
NS - Not Sampled
ND - Not Detected
ug/L - microgram per liter (ppb)