Table 2

Boneyard Creek Pipeline and Soil Sample Results

Sample Date: 02/07/2011 by EEC

Chemicals of Interest at MGP Sites (Gas Research Institute 1996)	Detected EFH and VFH (CADHS/8015B and EPA 5030/8015)	Concentrations (mg/kg) BC Sediment	Pipe Outlet	Pipe Outlet #2	Minimum Composite Tier 1 RO*	Soil Component to Groundwater (Class I)
VOCs found in MGP waste	**Detected VOCs (EPA 5030B/8260B)**	**BC Sediment**	**Pipe Outlet**	**Pipe Outlet #2**		
Benzene		ND	ND	ND	0.8	0.03
Ethyl Benzene		ND	ND	ND	58	13
(see PAH's)	**Napthalene**	ND	**0.024**	ND	1.8	12
Styrene	**Styrene**	ND	**0.0025**	ND	430	4
Toluene		ND	ND	ND	42	12
		ND	ND	ND	----	----
		ND	ND	ND	----	----
Total Xylenes		ND ND	ND ND	ND ND	5.6	150
PAHs found in MGP waste	**Detected PAHs (EPA 8270C)**	**BC Sediment**	**Pipe Outlet**	**Pipe Outlet #2**		
Acenaphthene	Acenaphthene	ND	ND	**270**	4,700	570
Acenaphthylene	Acenaphthylene	ND	**320**	**330**	----	----
Anthracene	Anthracene	ND	**300**	**660**	23,000	12,000
Benzo(a)anthracene	Benzo(a)anthracene	**46**	**1,200**	**1,200**	0.9	2
Benzo(a)pyrene	Benzo(a)pyrene	**66**	**1,300**	**1,200**	0.09	8
Benzo(b)fluoranthene	Benzo(b)fluoranthene	**60**	**1,200**	**1,100**	0.9	5
Benzo(g,h,i)perylene	Benzo(g,h,i)perylene	**35**	**710**	**650**	----	----
Benzo(k)fluoranthene	Benzo(k)fluoranthene	ND	**460**	**430**	9	49
Chrysene	Chrysene	**45**	**1,100**	**1,100**	88	160
Dibenzo(a,b)antbracene	Dibenzo(a,b)antbracene	ND	**170**	**170**	0.09	2
Dibenzofuran		ND	ND	ND	----	----
Fluoranthene	Fluoranthene	**60**	**1,700**	**2,200**	3,100	4,300
Fluorene	Fluorene	ND	ND	**160**	3,100	560
Indeno(l,2,3-cd)pyrene	Indeno(1,2,3-cd)pyrene	**31**	**600**	**570**	0.9	14
2-Methylnaphthalene	2-Methylnaphthalene	ND	**130**	ND	2,300	29
Naphthalene	Naphthalene	ND	**220**	**190**	1.8	12
Phenanthrene	Phenanthrene	ND	**260**	**560**	----	----
Pyrene	Pyrene	**81**	**2,400**	**2,700**	2,300	4,200
Phenolic found in MGP waste	**Detected Phenolic Compounds (EPA 8270C)**					
Phenol		ND	ND	ND	4,700	100
2-Methylphenol		ND	ND	ND	----	----
4-Methylphenol		ND	ND	ND	----	----
2,4-Dimethylphenol		ND	ND	ND	1,600	9

Notes:

Analytical result exceeds one or more Tier 1 Remeidal Objectives (RO)

---- NO Remediation Objective has been established by the ILEPA

* Minimum remedial objectives value for Residential, Commercial, and Construction (ingestion and inhalation)