

Summary of Analytical Data Surface Soil Sampling

111 Greenwood Street

New Bedford, Massachusetts

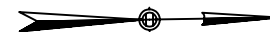
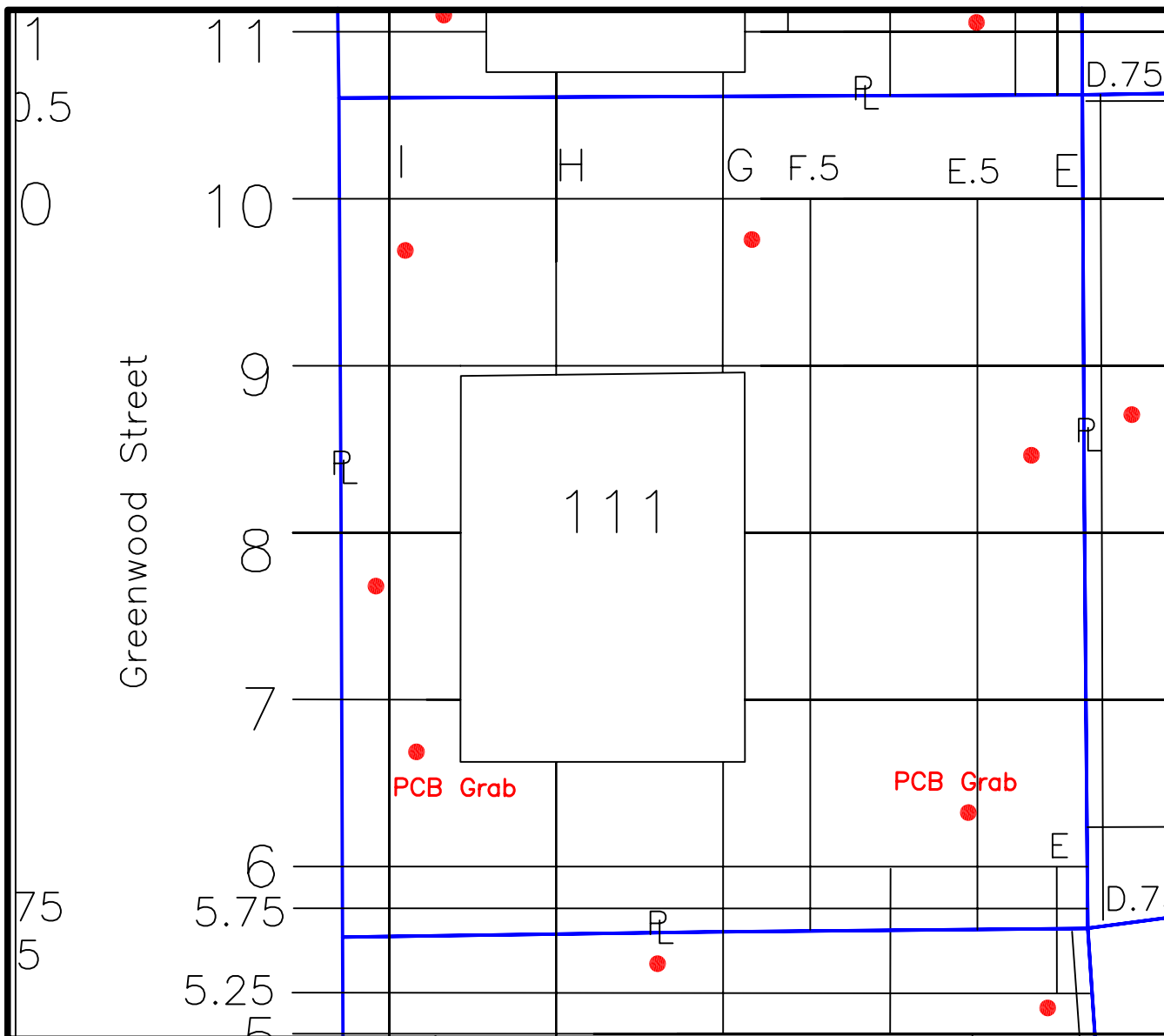


February 13, 2006

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Notes:

- - Sample Location
- 1. Three grab samples were composited from both the front and back yards and analyzed for RCRA 8 Metals and PAHs respectively.
- 2. One grab sample from each composite set was also analyzed for PCBs (locations identified on figure).

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Surface Sampling 0-6"
February 6, 2006

111 Greenwood Street

Scale: 1" = 20'

111 Greenwood Street
Surface Samples
Polychlorinated Biphenyls (PCBs)

					Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1					2.0	~	~	~	~	~	~	~	~
UCL					100	~	~	~	~	~	~	~	~
Sample Identification	Depth	Date Sampled	Date Extracted	Date Analyzed									
111 Greenwood Front 0-6"	0-6"	2/6/06	2/7/06	2/7/06	0.722	ND	ND	ND	ND	0.431	0.291	ND	ND
111 Greenwood Rear 0-6"	0-6"	2/6/06	2/7/06	2/7/06	0.45	ND	ND	ND	ND	0.234	0.216	ND	ND

NOTES:

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil.

(mg/kg) = milligrams per kilogram (parts per million (ppm))

ND = Not detected above method detection limit

111 Greenwood Street
Surface Samples
Polynuclear Aromatic Hydrocarbons (PAHs)

			Naphthalene	2-Methylnaphthalene	Acenaphthylene	Acenaphthene	Dibenzofuran (RCS-1 Soil Standard)	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene (Dibenzo(a,h)anthracene)	Benzo(g,h,i)perylene (Benzo(g,h,i)perylene)
			(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
MADEP Background ^{S-1}			100,000	500,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	700,000	700	700	700	7,000	700	700	700	1,000,000
UCL			-	-	-	-	-	-	-	-	-	-	9,000	7,000	8,000	-	7,000	3,000	-	-
			-	10,000,000	10,000,000	10,000,000	-	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	100,000	400,000	100,000	400,000	100,000	100,000	100,000	10,000,000
Sample Identification	Date Sampled	Date Analyzed																		
111 Greenwood Front Comp	2/6/06	2/10/06	ND	ND	140	30	ND	61	1,300	340	3,000	2,800	1,400	1,200	1,200	720	1,200	680	200	750
111 Greenwood Rear Comp	2/6/06	2/10/06	ND	ND	63	ND	ND	ND	540	150	1,200	1,400	590	480	380	410	490	280	84	320

Notes:
(ug/kg) = micrograms per kilogram (parts per billion (ppb))
ND = not detected above method detection limit
S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).
RCS-1 = Massachusetts Contingency Plan (MCP) Reportable Concentration Soil Standard for category S-1 soil. There is no S-1 Soil Standard listed in Section 40.0976(6) Tables 1 & 2.
¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002
value Bold font indicates concentration exceeding MCP S-1 Soil Standard

**111 Greenwood Street
Surface Samples
RCRA 8 Metals**

		RCRA 8 Metals							
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
MADEP Background ¹ Regulatory Limit UCL	S-1	30	1,000	30	1,000	300	20	400	100
		20	50 ²	3	40	600	1	1	5
		~	~	~	~	~	~	~	~
		300	10,000	800	10,000	6,000	600	10,000	2,000
Sample Identification	Date Sampled								
111 Greenwood Front Comp	2/6/06	4.43	68	0.81	9.9	273	0.189	0.51	ND
111 Greenwood Rear Comp	2/6/06	4.26	65	0.97	11	937	0.222	0.72	ND

NOTES:

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).

¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002

² = In the absence of fill-specific data the "natural" soil value has been adopted (refer to ¹)

(mg/kg) = milligrams per kilogram (parts per million (ppm))

ND = Not detected above method detection limit

value Bold font indicates concentration exceeding MCP S-1 Soil Standard

value Dark gray shading with italic, bold font indicates concentration exceeding Background Levels¹ for shallow soils