

End Cap Technology, LLC
Material Acceptance Submittal
Peabody Ash Monofill
Farm Ave
Peabody, Massachusetts

A. SITE INFORMATION:

Site Name (if applicable): _____

Location Description (if applicable): _____

Address: _____

City: _____ State, Zip: _____

Release Tracking No. or Site ID No. (if applicable) _____

B. GENERATOR INFORMATION

Name: _____ Contact: _____

Address:: _____ Phone: _____

City: _____ Email _____

State, Zip _____

C. CONSULTANT INFORMATION

Company: _____ Contact: _____

Address:: _____ Phone: _____

City: _____ Email _____

State, Zip _____

D. ESTIMATED SOIL QUANTITY

Cubic Yards: _____ Or Tons: _____

E. LABORATORY ANALYSES

Check the following laboratory analysis performed on the material to be reused
(check all that apply)

- VOCs, SVOCs, TPH, PCBs, As, Cd, Cr, Pb, Hg (required)
- TCLP (if required by total metal concentrations) Conductivity
- Other laboratory analysis performed (list all)

- Field screening performed (list all)

Attach data summary tables and all laboratory reports

F. DESCRIPTION/SOURCE OF RELEASE

UST: Yes No Describe _____

Date of Release: _____ Type of Release: _____

Other (describe): _____

Contaminants of Concern _____

G. SITE HISTORY

- Check if extra sheet is attached

Past Use (s): _____

Current Use(s): _____

H. PHYSICAL SOIL DESCRIPTION

Physical description (sand, gravel, silt, peat, etc.): _____

Check if the following materials are present (check all that apply):

- Construction debris Coal Ash Organic Matter Vegetative Matter

Other (specify): _____

I. SOIL SAMPLING METHODOLOGY

Sampling Methods (check all that apply):

- Grab Composite Headspace screened Soil boring Test pit
- Stockpile Other (specify): _____
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J. SOIL CHARACTERIZATION METHODOLOGY

Soil characterization Sampling Methods (check all that apply):

- Stockpile In-Situ Other (specify): _____

Number of samples collected: _____ Were "Hotspots" identified Yes No

If "Yes" how is the hotspot material segregated: _____

K. CERTIFICATION:

End Cap Technology, LLC (End Cap) is materially relying on this submittal. By signing below the Generator certifies and warrants that Peabody Ash Monofill, having used due diligence: (a) all the information contained in this submittal is true, accurate and complete, (b) the materials covered by this submittal do not contain any petroleum based substances, hazardous wastes, or hazardous materials other than as disclosed in this submittal, and (c) the Generator will indemnify and hold-harmless End Cap from and against all damages and liability of any kind (including reasonable attorney fees and costs) that arises from or relates to the materials covered by this submittal.

Signature of Generator _____ Date: _____
identified

Generator (Printed Name) _____

- Check if Bill of Lading is Attached
- Check if Material Shipping Record is Attached

L. SITE DIAGRAM:

A site diagram is required that shows all site details and all sampling locations.

Check if Diagram is attached.

A large, empty rectangular box with a thin black border, intended for the user to draw or attach a site diagram showing all site details and sampling locations.

End Cap Technology, LLC

Material Acceptance Submittal Peabody, MA Ash Monofill Farm Ave

TABLE 1: Summary of Soil Analytical Results

Location: _____

Address: _____

Address: _____

Analytical Test	Sample ID	XX	XX	XX	COMM-97-001 Standards Lined Landfill Unlined Landfill	
	Estimated Volume	XX cubic yards				
	In-situ/Stockpile	Stockpile	In-Situ	Stockpile		
	Date Collected	x/x/2009	x/x/2009	x/x/2009		
PID Field Screening Results (if applicable)	PID Results (ppmv)	25	50	10		
Total Metals	Arsenic	7.0	3.3	3	40	40
	Cadmium	0.8	< 0.5	0.48	80	30
	Chromium	27.6	8.6	7	1,000	1,000
	Lead	36.0	15	15	2,000	1,000
	Mercury	0.0	< 0.08	< 0.07	10	10
TCLP Metals	Lead (mg/L)	<0.5	<0.5	<0.5	5	5
Total Petroleum Hydrocarbons (TPH)	Total TPH	200	367	975	5,000	2,500
Polychlorinated Biphenyls (PCBs)	Aroclor 1254	0.5	0.0373	< 0.034		
	Aroclor 1260	0.1	< 0.034	< 0.034		
	Other Target Aroclors	< c/s	<c/s	< c/s		
	Total PCBs:	0.6	0.0373	ND	<2	<2
Semi-Volatile Organic Compounds (SVOCs)	Anthracene	0.1	< 3.4	< 0.68		
	Benzo(a)anthracene	0.2	< 3.4	1.2		
	Benzo(a)pyrene	0.1	< 3.4	< 0.68		
	Benzo(b)fluoranthene	0.2	< 3.4	2.4		
	Benzo(k)fluoranthene	0.2	< 3.4	1.5		
	Benzo(ghi)pyrene	< 0.05	< 3.4	1.4		
	Bis(2-ethylhexyl)phthalate	0.6	< 6.8	9.5		
	Chrysene	0.4	< 3.4	2.3		
	Dibenzo(a,h)anthracene	< 0.05	< 3.4	< 0.68		
	Dibenzofuran	0.5	< 3.4	< 0.68		
	Fluoranthene	0.5	7.2	3.1		
	Indeno(1,2,3-cd)Pyrene	< 0.05	< 3.4	1.2		
	Naphthalene	1.7	< 3.4	< 0.68		
	Phenanthrene	2.3	5.4	1.9		
	Phenol	0.4	< 4.8	< 0.95		
	Pyrene	0.7	6.2	2.5		
	Other target SVOCs	< c/s	< c/s	< c/s		
	Total SVOCs:	7.8	18.8	27.0	100	100
Volatile Organic Compounds (VOCs)	Benzene	0.5	0.78	0.82		
	Toluene	3.2	3.2	3.2		
	Ethylbenzene	0.52	0.61	0.6		
	Naphthalene	1.2	4.8	3.8		
	pm-Xylene	1.5	2.7	2.6		
	o-Xylene	1.5	1.6	1.5		
	n-Propylbenzene	0.05	0.12	0.12		
	1,2,4-Trimethylbenzene	0.75	1.6	1.5		
	1,3,5-Trimethylbenzene	< 0.3	< 0.3	0.26		
	Other Target VOCs	< c/s	< c/s	< c/s		
	Total VOCs:	9.2	15.41	14.4	10	4
	Conductivity	Specific Conductance (umhos/cm)	150	850	940	8,000

Notes: All results reported in milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm), unless otherwise noted
 TCLP Metal results reported in milligrams per liter (mg/L) which is equivalent to parts per million (ppm)
 < indicates compound was not detected. Detection limit is provided.
 c/s - compound specific
 "--" indicates not analyzed
 Bold and boxed values indicated an exceedance of applicable landfill limit.

M. LSP OPINION LETTER:

LSP Opinion Letter about site and materials for this submittle.

Check if Letter is attached.