

Ashfill Post Burn Metal Reclamation Proposal

ecomaine has been approached by Reserve Management Group (RMG) with a proposal to excavate and reprocess ash to recover post burn metals previously landfilled.

In 2004 ecomaine installed a drum magnet that now allows us to recover and recycled post burn metals from the ash before it is landfilled. However, prior to 2004, ash containing unrecovered metal was taken to the ashfill. It is estimated that there is between 40,000 and 70,000 tons of post burn metal currently stored at the landfill.

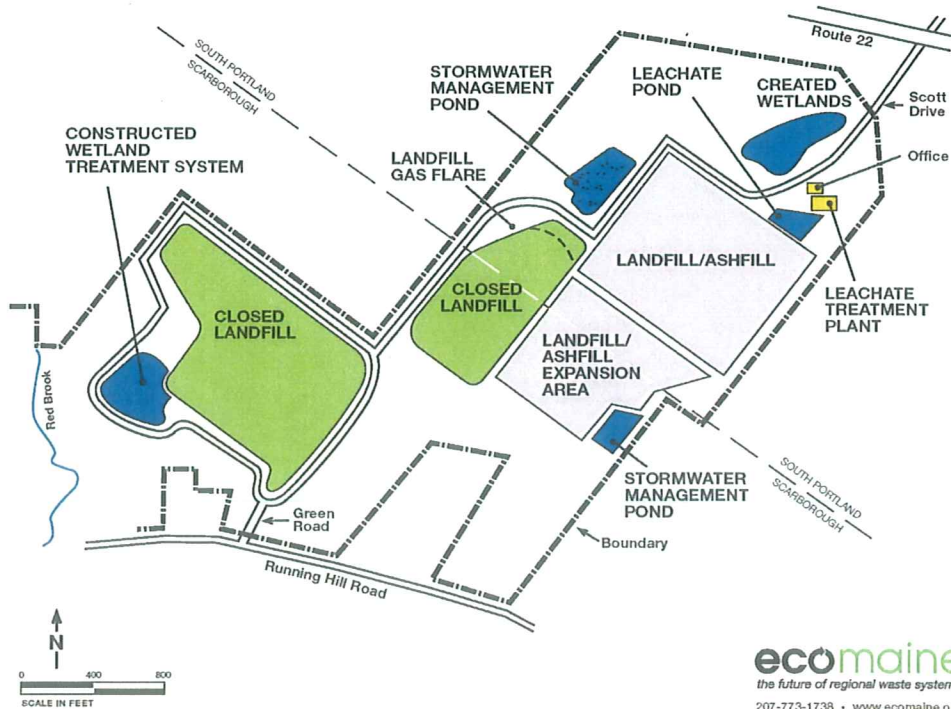
RMG is proposing to excavate, reprocess the ash and recycle the metals. For exclusive rights to recover this material, RMG proposes to pay a per ton fee, based on a graduated pay scale.

Potential benefits to ecomaine:

- Potential revenues estimated at roughly \$320,000+. Even if the original projections are too high and we are only able to recover 20,000 to 35,000 tons, projected revenues would still be estimated at \$160,000 to \$280,000.
- Recovery of additional useable airspace
- Increased metals recycling

Potential downside:

- Markets crash and the project ends prematurely
- Recovery rates are not sustainable and project ends
- The company leaves us with a mess (ecomaine should be covered by performance bond and/or the contract)



Handout 3

**ecomaine
RECYCLING TOTALS**

	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
July	287.96	323.48	496.67	533.59	593.37	667.46	666.77	732.22	1,085.76	1,174.28	1,439.83	1,392.49	1,670.01	1,536.03	1,801.55	1,963.92	2,212.79	2,776.35	2,743.86
YTD	287.96	323.48	496.67	533.59	593.37	667.46	666.77	732.22	1,085.76	1,174.28	1,439.83	1,392.49	1,670.01	1,536.03	1,801.55	1,963.92	2,212.79	2,776.35	2,743.86
August	283.48	349.92	507.49	632.76	669.37	716.80	631.03	681.37	1,160.65	1,335.45	1,549.36	1,380.26	1,611.16	1,725.95	2,157.27	2,285.15	2,394.69	2,729.66	2,605.20
YTD	571.44	673.40	1004.16	1166.35	1262.74	1,384.26	1,297.80	1,413.59	2,246.41	2,509.73	2,989.19	2,772.75	3,281.17	3,261.98	3,958.82	4,249.07	4,607.48	5,506.01	5,349.06
September	281.94	374.41	546.27	606.30	660.45	682.07	741.43	827.63	1,175.35	1,217.37	1,474.21	1,420.08	1,836.76	1,742.24	2,117.62	2,078.68	2,045.61	2,868.29	2,718.77
YTD	853.38	1047.81	1550.43	1772.65	1923.19	2,066.33	2,039.23	2,241.22	3,421.76	3,727.10	4,463.40	4,192.83	5,117.93	5,004.22	6,076.44	6,327.75	6,653.09	8,374.30	8,067.83
October	325.51	339.49	516.48	608.88	677.03	730.60	693.07	772.33	1,013.54	1,290.35	1,998.15	1,667.28	1,800.58	1,593.15	1,993.01	2,294.74	2,357.24	2,783.06	2,796.23
YTD	1178.89	1387.30	2066.91	2381.53	2600.22	2,796.93	2,732.30	3,013.55	4,435.30	5,017.45	6,461.55	5,860.11	6,918.51	6,597.37	8,069.45	8,622.49	9,010.33	11,157.36	10,864.06
November	281.68	337.00	543.15	626.32	688.18	688.07	621.13	824.11	1,146.92	1,316.17	1,750.31	1,596.47	1,483.24	1,744.19	2,198.55	2,277.91	2,256.00	2,333.81	2,662.58
YTD	1460.57	1724.30	2610.06	3007.85	3288.40	3,485.00	3,353.43	3,837.66	5,582.22	6,333.62	8,211.86	7,456.58	8,401.75	8,341.56	10,268.00	10,900.40	11,266.33	13,491.17	13,526.64
December	321.02	388.94	514.09	599.10	683.42	806.53	795.31	834.70	1,178.45	1,341.32	1,764.33	1,841.63	1,919.08	1,936.94	2,256.75	2,166.13	2,362.55	2,937.11	3,158.21
YTD	1781.59	2113.24	3124.15	3606.95	3971.82	4,291.53	4,148.74	4,672.36	6,760.67	7,674.94	9,976.19	9,298.21	10,320.83	10,278.50	12,524.75	13,066.53	13,628.88	16,428.28	16,684.85
January	271.05	359.99	444.28	557.29	608.08	632.55	606.67	673.01	909.51	1,367.61	1,707.27	1,765.43	1,467.16	1,657.08	2,114.52	2,068.29	2,564.76	2,441.23	2,685.89
YTD	2052.64	2473.23	3568.43	4164.24	4579.90	4,924.08	4,755.41	5,345.37	7,670.18	9,042.55	11,683.46	11,063.64	11,787.99	11,935.58	14,639.27	15,134.82	16,193.64	18,869.51	19,370.74
February	244.13	310.62	464.59	451.68	523.30	619.28	605.88	616.02	945.88	1,084.71	1,547.84	1,395.61	1,394.75	1,497.44	1,689.38	1,633.72	2,139.22	2,078.44	2,286.95
YTD	2296.77	2783.85	4033.02	4615.92	5103.20	5,543.36	5,361.29	5,961.39	8,616.06	10,127.26	13,231.30	12,459.25	13,182.74	13,433.02	16,328.65	16,768.54	18,332.86	20,947.95	21,657.69
March	275.97	436.63	512.53	570.16	584.39	616.62	671.88	751.34	1,062.77	1,098.41	1,459.30	1,572.04	1,629.24	1,774.99	2,016.88	1,823.79	2,258.34	2,354.49	2,907.84
YTD	2572.74	3220.48	4545.55	5186.08	5687.59	6,159.98	6,033.17	6,712.73	9,678.83	11,225.67	14,690.60	14,031.29	14,811.98	15,208.01	18,345.53	18,592.33	20,591.20	23,302.44	24,565.53
April	319.29	517.14	549.15	538.63	667.71	676.79	671.45	752.00	1,000.57	1,220.48	1,638.89	1,710.90	1,524.35	1,627.25	1,831.65	1,871.62	2,363.75	2,395.67	2,875.88
YTD	2892.03	3737.62	5094.70	5724.71	6355.30	6,836.77	6,704.62	7,464.73	10,679.40	12,446.15	16,329.49	15,742.19	16,336.33	16,835.26	20,177.18	20,463.95	22,954.95	25,698.11	27,441.41
May	315.59	488.88	547.91	671.66	698.84	639.03	707.09	765.11	1,193.95	1,311.08	1,714.14	1,732.85	1,576.35	1,877.96	2,224.46	2,279.00	2,516.52	2,279.50	2,791.10
YTD	3207.62	4226.50	5642.61	6396.37	7054.14	7,475.80	7,411.71	8,229.84	11,873.35	13,757.23	18,043.63	17,475.04	17,912.68	18,713.22	22,401.64	22,742.95	25,471.47	27,977.61	30,232.51
June	352.14	523.69	583.87	654.97	624.78	660.55	752.80	807.31	1,234.16	1,348.20	1,453.10	1,783.82	1,683.84	2,020.91	2,207.89	2,140.94	2,459.61	2,727.78	
Total	3,559.76	4,750.19	6,226.48	7,051.34	7,678.92	8,136.35	8,164.51	9,037.15	13,107.51	15,105.43	19,496.73	19,258.86	19,596.52	20,734.13	24,609.53	24,883.89	27,931.08	30,705.39	30,232.51

Projection based on:

33,065.49

**ecomaine Neighborhood Recycling Monthly Totals For
May 01, 2010 Through May 31, 2010**

	Pop.	Town Tons- MSW Month	Town Tons-Rec Drop-off - Month	Town Tons-Rec Curb- month	Town Tons-Rec Monthly Total	Town MSW + Rec Monthly Total	Town % Rec Month
Bridgton	5,120	183.62	48.10		48.10	231.72	20.76%
Cape Elizabeth	9,178	209.21	94.93		94.93	304.14	31.21%
Casco	3,690	75.03	14.56		14.56	89.59	16.25%
Cumberland	7,762	228.67	0.00	76.53	76.53	305.20	25.08%
Falmouth	10,950	147.01	69.53	65.20	134.73	281.74	47.82%
Freeport	8,010	138.20	40.44		40.44	178.64	22.64%
Gorham	15,183	164.19	21.46	75.47	96.93	261.12	37.12%
Harrison	2,458	74.59	9.79		9.79	84.38	11.60%
Hollis	4,583	68.67	0.00	23.49	23.49	92.16	25.49%
Limington	3,822	113.32	12.28		12.28	125.60	9.78%
Lyman	4,155	82.89	17.29		17.29	100.18	17.26%
Naples	3,498	97.16	17.79		17.79	114.95	15.48%
No. Yarmouth	3,485	40.28	0.00	37.98	37.98	78.26	48.53%
Ogunquit	1,286	44.73	2.32		2.32	47.05	4.93%
Parsonsfield	1,770	76.53	0.00	8.80	8.80	85.33	10.31%
Portland	64,249	777.10	72.57	320.87	393.44	1170.54	33.61%
Pownal	1,610	12.34		9.84	9.84	22.18	44.36%
Saco	18,328	390.24	6.32	135.84	142.16	532.40	26.70%
Scarborough	18,604	396.33	55.35	162.35	217.70	614.03	35.45%
S. Portland	23,729	484.54	27.43	169.49	196.92	681.46	28.90%
Standish	9,946	269.39	49.61		49.61	319.00	15.55%
Tri-Town	4,403	136.57	4.67		4.67	141.24	3.31%
Waterboro	7,247	194.16	43.95		43.95	238.11	18.46%
Windham	15,988	155.63	7.00	112.42	119.42	275.05	43.42%
Yarmouth	8,266	195.70	86.41		86.41	282.11	30.63%
		4,756.10	701.80	1,198.28	1,900.08	6,656.18	28.55%

**ecomaine Neighborhood Recycling Year to Date Totals For
July 1, 2009 Through May 31, 2010**

Town	Town Tons-MSW To Date	Town Tons-Rec Drop off To Date	Town Tons-Rec Curb To Date	Town Tons-Rec Total To Date	Town Total MSW+Rec	Town % Rec To Date
Bridgton	2025.53	530.63	0.00	530.63	2556.16	20.76%
Cape Elizabeth	2373.54	1062.27	0.00	1062.27	3435.81	30.92%
Casco	838.59	170.07	0.00	170.07	1008.66	16.86%
Cumberland	1574.28	0.00	661.70	661.70	2235.98	29.59%
Falmouth	1951.63	856.48	719.65	1576.13	3527.76	44.68%
Freeport	1695.54	434.89	0.00	434.89	2130.43	20.41%
Gorham	1970.54	249.76	916.56	1166.32	3136.86	37.18%
Harrison	876.38	175.47	0.00	175.47	1051.85	16.68%
Hollis	867.61	0.00	290.14	290.14	1157.75	25.06%
Limington	1502.10	99.76	0.00	99.76	1601.86	6.23%
Lyman	1042.64	219.42	0.00	219.42	1262.06	17.39%
Naples	1032.42	207.84	0.00	207.84	1240.26	16.76%
No. Yarmouth	527.01	90.86	389.01	479.87	1006.88	47.66%
Ogunquit	561.61	65.62	0.00	65.62	627.23	10.46%
Parsonsfield	817.52	0.00	90.32	90.32	907.84	9.95%
Portland	9206.70	851.27	3654.80	4506.07	13712.77	32.86%
Pownal	188.17	47.75	81.97	129.72	317.89	40.81%
Saco	4603.62	131.37	1458.86	1590.23	6193.85	25.67%
Scarborough	4895.23	658.54	1906.49	2565.03	7460.26	34.38%
S. Portland	6079.23	270.30	1959.51	2229.81	8309.04	26.84%
Standish	2779.07	650.10	0.00	650.10	3429.17	18.96%
Tri-Town	1514.06	90.70	0.00	90.70	1604.76	5.65%
Waterboro	2239.15	427.94	0.00	427.94	2667.09	16.05%
Windham	2023.48	104.52	1343.16	1447.68	3471.16	41.71%
Yarmouth	2157.24	885.47	0.00	885.47	3042.71	29.10%
	55,342.89	8,281.03	13,472.17	21,753.20	77,096.09	28.22%

Dear _____ :

During these tough economic times many municipalities are considering ways to reduce costs. If your municipality is considering reducing or eliminating household hazardous waste collections, ecomaine encourages you to continue to offer this important service.

When residents find limited outlets for household hazardous waste disposal due to economics or convenience issues they are more likely to improperly dispose of these materials in their household garbage. This has a measurable impact on our environment and could result in an air license violation resulting in a potential fine assessed to ecomaine. If you do not have a scheduled collection event, please ensure your residents have the enclosed information by posting the attached information on your town website or including this information with town reports and other public correspondence.

Respectfully,

The ecomaine Board of Directors

Household Hazardous & Universal Waste Disposal Options

Goodwill Industries free disposal option

Goodwill will accept any computer brand in any condition at no cost. There is no volume limit and the parts will be recycled. For more information contact David Crossman at Goodwill:

david.crossman@goodwillnne.org

207-774-6323 or 207-774-6323

Motorola brand disposal option

Motorola's take-back program applies to batteries, cell phones and other equipment in any quantity. Please read their Web page for details and instructions.

<http://responsibility.motorola.com/index.php/environment/products/recycling/>

Riverside Recycling Facility, Portland

(also open to other municipalities)

910 Riverside Street, Portland

1-207-797-6200 1-207-797-6200

Items listed below are considered Universal waste and are accepted Monday through Saturday 7AM-4PM

- Straight fluorescent bulbs
- U-shape & compact fluorescent
- HID lamps
- Lighting ballast (all types)
- Capacitors (all types)
- Thermostats & thermometers
- Mercury switches & blood pressure cuffs
- Floor copiers & printers
- Console & Non- console TV's (business and residential)
- Desktop office equipment (copiers, printers, scanners, fax)
- CPU's and laptops
- PC peripherals (mouse, keyboard)
- Small batteries (non-mercury AAA, AA, 9V)
- Small specialty batteries (button cells, NiCD, etc.)
- Automotive/large lead batteries
- Cell phone batteries

Items listed below are considered Household Hazardous Waste and are accepted on the 1st and 3rd Saturday of each month from April through June

and the 1st Saturday of the month from July through November 7AM-4PM.

- Workshop/ Paint supplies- Paints, thinners, adhesives, stains, photographic chemicals
- Automobile fluids- gas, antifreeze, motor oil
- Indoor pesticides- ant spray, mouse and rat poison
- Lawn and Garden Products- Herbicides, Insecticides, Fungicides/wood preservatives
- Misc. – Driveway sealer

For a full list of items accepted go to www.recycling.portlandmaine.gov/hhw.asp

Plan-it Recycling & Transfer, Inc.

18 Gorham Industrial Parkway, Gorham

1-207-854-5353 1-207-854-5353

Items listed below are accepted Monday through Saturday from 7AM-4PM.

- Automotive batteries
- Monitors & televisions (residential)
- Desktop copiers, printers, scanners, fax machines
- Floor copiers & printers
- CPU's and laptops
- Straight fluorescent lamps (uncoated)
- U-lamps, circle lamps & compacts
- High pressure sodium lamps
- NiCd, NiMH, NiZn, Zinc, carbon, carbon air, lithium ion, alkaline batteries
- PCB & DEHP Ballasts
- Mercury devices

****No household hazardous wastes (liquids) accepted**

For more information please go to www.planitrecycling.com