



SSRC MSW Manager/Board Minutes
January 10, 2013, Scituate Harbor Community Building

Sponsored by Harvest Power

Accepted 2/7/2013

Attendance: **Abington:** Sharon White*, Lorraine Mavrogeorge; **Cohasset:** Merle Brown*, Mary Snow*;
Duxbury: Ed Vickers*; **Hanover:** Steve Herrmann*; **Hingham:** Brenda Black*; **Kingston:** Paul Basler*;
Middleboro: Andy Bagas*; **Norwell:** Brian Flynn*, Norm Thoms*; **Plymouth:** Kerin McCall*; **Scituate:**
Kevin Cafferty*; **Weymouth:** Bob O'Connor*

Janine Delaney, Ellie Donovan, **MassDEP**; Will Conrad, SCS; Claire Sullivan, **SSRC**; John Troupe, **Troupe Waste Service**; Tania Keeble, **The Paint Exchange**

9:15 Chairman Merle Brown called to order

Chris Balfe of [Harvest Power](#) (HP) gave a slide presentation on organics management. HP is an international company with \$120M annual revenue, 450 employees, established in 2008. The largest organic waste manager in NA, HP owns and operates 45 organics facilities. Waste Management, Al Gore, WalMart are investors.

Most organic (food and yard) waste is currently disposed, very little is recovered. HP captures it, and produces mulch, compost, renewable energy from organic waste using anaerobic digesters (AD).

Balfe's experience with organics management began with a request for service at a NYC restaurant owned by Robert DeNiro in 2000. After much trial and error, picked up toters with hydraulic arms.

One AD in British Columbia (BC), processes 40K TPY of material, generates 1.2 MW of electricity. Others in construction process, including the largest digester in US in FL, 3.2 MW capacity, 130K TPY, half from industrial/commercial sector outside Disney, the rest from Disney, including WWTP biosolids, will open by end of year. Prefer food waste for AD, high biogas potential.

Bourne Energy Garden expected to open in 2014, 5.5MW from landfill gas and AD. Started process in 2010. Capacity to process 80K TPY food waste, \$36M self financed, on 2 acres of leased land.

Working with WeCare to source. Can produce 6K TPY residual soil amendment (may not need to compost) for sale. Seeking residential food waste. Will sell back power to Bourne.

AD- odors are all contained, only odors from tip floors. BC has high solids AD, all organics in one curbside bin, not liquefied. Low solids AD is more costly, must liquefy, pulverize (i.e. Ontario). Bourne is low solids now, high solids can be added on if they can source enough source separated organics (SSO).

Have front and back end technology to remove contaminants and de-package, solves a lot of problems, increases source potential. Capture recyclable packaging. Paper can liquefy, leaves not so much.

There are 300+ residential SSO programs in NA. Harvest wants it. Tip fee estimated to be \$42-43/ton for food waste (will probably drop).

Collection challenges: no perfect way; use modified rendering truck with sled, toters, rolloff truck compatible. Splash wings. Mix and distribute throughout truck (heavy). Must have good seal on transfer containers, avoid release of liquid, rolloffs are tricky for loose food.

Seeking other sites. Private land, collocation can take 18 months. Prefer to keep food separate from yard waste. Harvest doesn't do hauling. Hub and spoke transfer stations to one facility. Lots of competition for SSO, i.e. composting. cbalfe@harvestpower.com, 781-902-8623.

Approve November **minutes**: Ms. White moved to approve as written, Mr. Basler seconded, AIF

Treasurer's Report : Mr. Basler reported that we are on target; Ms. Sullivan reported some unexpected equipment expenditures with the demise of laptop, printer and keyboard.

Household Hazardous waste contract extension: PSC proposed a 2.5% rate increase for FY14. Hanover is happy with service. Minor invoicing issues noted. Mr. Basler moved to extend our HHW contract with PSC Environmental for FY14, Mr. Vickers seconded, AIF.

Ms. Keeble from **The Paint Exchange** reported that they are still collecting leftover latex paint at their store, but plans for larger collections are on hold right now pending a move to a new location, can't commit to spring collections yet.

MassDEP Solid Waste Master Plan comments: Ms. Sullivan distributed draft comments in support of DEP's proposal to partially lift moratorium on waste facilities that convert waste to energy. Mr. Basler moved to oppose the lifting of moratorium, Mr. Cafferty seconded, then noted confusion about what the vote was on. Mr. Basler withdrew motion. Mr. Herrmann would like to see traditional waste to energy incineration to be an option as well as the proposed new technologies. Mr. Basler moved to endorse the letter in favor of lifting moratorium, and to add current incineration technology to the new technologies proposed to be included. Mr. Cafferty seconded, AIF.

SSRC draft Solid waste legislation: Ms. Sullivan distributed draft legislation as directed by Board at November meeting. Bill is similar to an Attleboro BOH ordinance, and would require that all waste haulers operating in Mass. provide recycling collection service along with waste collection to all customers, in accordance with the State's waste Ban regulations. Haulers would have to register with MassDEP. Would haulers still have to be licensed by BOH? No, but they still can be. DEP could hire third party inspectors. John Troupe of Troupe Waste service expressed concerns about the onus being on the haulers. Noted that Brockton fines business that don't recycle. Bill should also require all residents and businesses to separate recyclables from trash. Mr. Bagas moved to seek a sponsor for the bill. Ms. McCall seconded. Ms. Black moved to amend that it include fine for generators who don't recycle, Mr. Herrmann seconded; AIF of motion with amendment.

Member solid waste program updates: Abington will present info at next meeting.

Executive Director's Report:

Spring HHW collection schedule provided with agenda; 7 events.

Regional contract negotiation status – 10 Cape towns and 8 South Shore towns are involved in negotiations, which are proceeding with SEMASS for another 2 weeks.

Payroll documentation (prevailing wage)- listserv discussion flagged the requirement that waste haulers provide evidence of prevailing wage payment to drivers regularly, i.e. with invoices.

Office move, equipment- moved office from basement to second floor, spent a lot of time organizing and cleaning out. Daylight is very helpful.

New business Kingston: landowner wants to start a 60 acre organic farm, looking for leaf and yard waste; seaweed from Scituate? Mr. Basler will give her card out to anyone who is interested.

Ms. Delaney: Organics ban news, number of students at a school is estimated at 1600, to fall under new waste ban. Has passes to Mass. Municipal Association Conference and Trade Show 1/27-1/28 for anyone interested (exhibit hall only).

Next meetings: 2/7 Hanover, 3/14 Kingston

10:57 Mr. Herrmann moved to adjourn

SEMASS				
Communities included in Cape Cod Commission Group				
As of December 2012				
		Exp Date	Current Tonnage	
Cape Towns (10)				
1	Barnstable	1/1/2015	9,282	
2	Chatham	1/1/2015	5,457	
3	Dennis	1/1/2015	4,446	
4	Eastham	1/1/2015	2,750	
5	Harwich	1/1/2015	7,098	
6	Mashpee	1/1/2015	5,152	
7	Orleans	1/1/2015	2,347	
8	Provincetown	1/1/2015	3,058	
9	Truro	1/1/2015	1,508	
10	Wellfleet	9/1/2016	1,881	
			42,979	
Off-Cape Towns (5)				
1	Duxbury	12/31/2015	2,496	Tier 2
2	Hanson	1/1/2015	2,758	
3	Plymouth	1/1/2015	11,878	
4	Rockland	6/30/2015	4,707	Tier 2
5	MV Refuse District	8/31/2015	7,731	Tier 2
6	Abington	6/30/2015	4,171	Tier 2
7	Hingham	12/31/2015?	6,646	Tier 2
8	Cohasset	?	1636	Tier 2
			85,002	
	Tier 1		57,615	
	Tier 2		27,387	

SPRING 2013

4/6 **Weymouth** DPW,
120 Winter St.

Unwanted medications also accepted

4/13 **Plymouth** DPW,
169 Camelot Dr.

4/27 **Hanover** Transfer Station,
118 Rockland St. (Rt. 139)

5/4 **Kingston** Hwy Garage, 32
Evergreen St., with **Duxbury**

5/18 **Hingham**, Plymouth River
School, 200 High St.

6/15 **Scituate** Highway Dept., Capt.
Pierce Rd., with **Cohasset**

6/22 **Middleboro** Town Hall, 10
Nickerson Ave.