

MADISON SOLID WASTE ADVISORY COMMITTEE
MEETING MINUTES

DATE: January 10th, 2013 TIME: 8:00 AM

PLACE: Madison Town Hall

The SWAC meeting notice is published in the Town Office upper and lower levels and in both town Post Offices. A yearly schedule is published at the beginning of the year. The meeting generally is the second Thursday of each month unless noted on the schedule or amended by a change notice posted in all the above locations at least 24 hours prior to the previously planned meeting.

Chairman Dave Downs opened the meeting at 8:20am.

ITEM: Approval of 12/12/2012 minutes: Motion by Ray/ Dave vote was unanimous. Approval of 12/13/2012 did not happen, because although they were done, Secretary O'Brien did not send them out. So they will be sent and acted on at the next meeting.

PUBLIC COMMENT: none

ITEM: We discussed an electronics vendor change based on recommendation from Gerry Cornett: Dave spoke with East Coast Electronics. They will pick up 3 times per year at \$685= 2055. We have paid less than \$2000. We ship approx 15,000 pounds over the last two years. Dave will ask Willy how much time he spends on electronics and what about just putting it in the container and leaving it. It is more expensive with ECE, but it might save time. We will discuss whether it is worth it.

ITEM: DES Inspection and responses

- Facility operations plan: Dave will get a copy to us for review and we can act on it at the next meeting
- Facility closure plan: Dave gave us the most recent update for feedback. All will review and get back to Dave. (Addendum: A)
- Regarding a sign for the facility: Ray will create an order to NH the Beautiful for Melissa. She will check with selectmen and make the order. It should be a free sign.

ITEM: Backhoe warrant article.

- Follow-up on Ray's idea for starting a capital reserve fund: Ray attended the Advisory Budget Committee meeting where the selectmen are present. Ray discussed the backhoe in the context of the Solid Waste line of the budget and selectmen Arruda address this too. Selectman Arruda said that he discussed this issue with a vendor who suggested that the town get a slightly newer used backhoe so we don't have two older ones. That might cost \$70,000. There was general support for a back hoe, but there was no formal proposal to spend \$70,000. I suggested getting one out of surplus funds if there are any. Selectman Brooks thought that might work, but he would like to seek explicit authority to do so from the legislative body. The best we can do seek a Warrant article to authorize selectmen to get the best deal they can under a set amount out of surplus funds in 2013.
- Cost savings analysis: Dave will send info about his analysis. He showed the change in expense of \$22,847.50 if we could compact the Demo and recyclables. It correlated with Ray's wild estimate taking rough numbers from September 2012. (Addendum: B)

ITEM: Brief Status Update on prior items:

- Oil Tank move: John is looking at a crane.
- Is brush burning legal? Check with Selectman John Arruda that he is satisfied.
- Aluminum trailer status: At KHS Voc, funds of \$580 encumbered. Melissa and Andy Shaw have discussed the logistics of paying/billing, etc so everyone gets what they need.
- Signs & cement – on hold till Spring.

ITEM: Other new business or members “list” items

- Budget for 2013
 - Reduction recommendations: We underspent last year’s budget of \$152,278 by \$8115.
 - Since the selectmen have not completed their budget, they might find some room to cut the proposed increase in the solid waste line.
 - Should we seek John’s input to use some of our existing budget for a paid consultant to advise us on the TS and generate a report. Dave will seek an estimate for a consultant and we can discuss it in February.
- 2012 Statistics: See below. MSW tonnage down from 1044 to 730 over 5 years. There doesn’t seem to be a corresponding increase in other categories so where did it go? Maybe we are not throwing away as much. Also notice the data on single and tandem hauls and the opportunity that still exists. Quote of the day: “All roads lead to compaction.”- Dave Downs (Addendum: C)
- Objectives for 2013
 - Verify these items with John
 - Aluminum plan with trailer
 - Single haul reduction
 - Backhoe
 - Education about recycling and compaction
 - Signs on tires

ITEM: Reminder list of Topics for Future follow-up, research or discussion

- Transfer station reorganization – on hold
- Alternative ideas for scrap metal – on hold
- Education video(s) with school participation
- Non-resident Coupon cost revision

PUBLIC COMMENT: none

ADJOURNMENT: 9:42am

NEXT MEETING: February 14, 2013, 8am, Town Hall

Submitted by Ray O’Brien

See Addenda

A Facility closure plan

B Backhoe compaction benefits

C 2012 Tonnage data for MSW, D&B, Paper, Commingled

Closure Plan

For

Madison, NH Transfer Station

Permit # DES-SW-TP-97-028

Date: January 2013
Latest Revision: 1/10/2013

Section 1
Facility Identification

Facility Name: Town of Madison, NH Transfer Station

Address of Facility: 219 Boulder Rd, Madison, NH 03849

Mailing Address: Town Administrator
 PO Box 248
 Madison, NH 03849

Permittee: Town of Madison, NH

Permit Number: DES SW-TP-97-028

Section 2 Closure Schedule

There is currently no expectation of closing the Madison Transfer Station. It is the primary facility for trash disposal for town residents operated under the town budget and will continue to be staffed, maintained and upgraded as necessary. However, if the closure of the Madison Transfer Station becomes necessary, it will be accomplished in 90 days under the following schedule:

1. 60 days before start of closure:
 - a. NHDES will be notified in writing with a current revision of this plan.
 - b. A notice will be published to the town in the local newspapers and posted at the Town Office and both town post offices and on the town website and at the transfer station..
2. Day 1 of closure the Transfer Station will be closed to the public and all waste collection activities will cease.
3. Day 2-45 all waste will be removed:
 - a. All municipal solid waste and bulky and demolition debris will be picked up by the hauling vendor.
 - b. All recyclables will be removed by the appropriate vendor
 - c. All glass will be removed from the glass pit and delivered to a grinder or ground for the highway department.
 - d. All scrap metal will be picked up by the appropriate vendor
 - e. Brick, ceramic and concrete material will be disposed of.
 - f. Compost, yard waste and brush will be removed.
 - g. Electronics will be picked up by the appropriate vendor.
 - h. Freon appliances will be serviced and sold with the scrap metal.
 - i. Used oil will be transferred to the town garage for heating purposes.
4. Day 46-89 All facility equipment will be decommissioned and sold or moved to another appropriate use in the town. The septic tank will be pumped. Power, phone and propane will be discontinued and equipment removed. Concrete and asphalt surfaces will be swept. Any remaining stray trash or signage will be picked up and removed. Concrete barriers used to delineate the glass pit may remain on site for later use by the town.
5. Day 90 (or sooner if tasks are completed) notification will be submitted to NHDES that the facility closure is complete.

a.

Section 3 **Waste Identification**

Authorized types of waste that can be received at the Madison Transfer Station are listed below:

1. **Municipal Solid Waste (MSW):** Env-Sw 103.46 “Municipal solid waste (MSW)” means solid waste generated at residences, commercial or industrial establishments, and institutions, but excluding construction and demolition debris, automobile scrap and other motor vehicle waste, infectious waste, asbestos waste, contaminated soil and other absorbent media and ash other than ash from household stoves. Note: ash from household stoves is not accepted.
2. **Bulky waste:** Env-Sw 102.23 “Bulky waste” means large items that cannot be handled by normal solid waste processing, collection or disposal methods, such as appliances, furniture, large auto parts... Note that appliances are handled separately below.
3. **Construction and Demolition:** Env-Sw 102.42 “Construction and demolition debris” means non-putrescible waste building materials and rubble which is solid waste resulting from the construction, remodeling, repair or demolition of structures or roads. The term includes, but is not limited to, bricks, concrete and other masonry materials, wood, wall coverings, plaster, dry wall, plumbing, fixtures, non-asbestos insulation or roofing shingles, asphaltic pavement, glass, plastics that are not sealed in a manner that conceals other wastes and electrical wiring and components, incidental to any of the above and containing no hazardous liquid or metals. The term does not include asbestos waste, garbage, corrugated container board, electrical fixtures containing hazardous liquids such as fluorescent light ballasts or transformers, furniture, appliances, tires, drums and containers, and fuel tanks.
 - a. Note: Appliances containing Freon must be segregated for processing to remove the Freon.
 - b. Certain segments of bulky and C&D debris will be segregated in separate locations as identified by the transfer station operators.
4. **Recyclables:** Certain recyclables are collected and segregated as directed by the transfer station operators:
 - a. Glass
 - b. Mixed paper including cardboard
 - c. Scrap metal
 - d. Plastics
 - e. Aluminum beverage cans
 - f. All other cans
 - g. Textiles
5. Used motor oil.
6. Yard waste and brush less than 5 inches in diameter.

Section 4 **Notifications**

The Madison Transfer Station will provide written notification of the planned date of closure to all users of the facility, the Town of Madison and the NHDES at least 60 days prior to the anticipated cessation of facility operations in accordance with the requirements of New Hampshire Solid Waste Rules. Notices which include a final date that solid wastes will be accepted will also be posted around the facility.

Section 5 Closure Requirements

Facility closure will conform to this closure plan and applicable regulatory requirements. On the specified closure date the activities described below will begin. Completion of the following activities will result in closure of the facility.

- A. **Solid Waste Removal** – Following the last day of facility operations all solid waste will be removed from the site. The contracted solid waste haulers will remove all non-recyclable solid waste and transport it to an authorized disposal facility. Recyclable items and scrap metals will be transported to or picked up by appropriate recycling facilities depending on the material. Any material in the brush pile will be burned and the ash properly disposed of. Yard waste will be transported to a local composting facility. Used motor oil will be transported to the town garage for heating purposes. Glass will be crushed for town use or transported to an aggregate purchaser. All solid waste will be disposed of in accordance with New Hampshire Solid Waste Rules.
- B. **Equipment Removal and Decommissioning** – After all solid waste has been removed from the site, all facility equipment will be cleaned and either sold or moved to a location appropriate for its use. It will be ensured that power will be disconnected from any equipment that remains on the premises in the interim after closure. Propane service will be discontinued and any containers will be removed. Phone service will be discontinued.
- C. **Facility Cleanup** – After removal of all solid waste and recyclable material the entire facility will be cleaned. The concrete pads and asphalt surfaces will be swept. If the office building is left on site it will be cleaned. The septic tank will be pumped and tank removed if the office building is removed. Any irregularities in the grounds will be filled or smoothed as appropriate so as not to present a hazard when the area is fully closed. A final well testing will be performed after all cleanup has been done to ensure water quality has not been impacted.

Section 6 **Post-Closure Requirements**

The Madison Transfer Station will follow the closure plan described in this document. The closure plan ensures after transfer activities cease that the remaining structures not adversely affect the environment, public health or safety. Since the solid waste at the transfer facility was actively managed, post closure monitoring will not be necessary unless there was evidence of contamination. No post-closure monitoring or inspection is proposed and as a result, post-closure reporting will not be necessary.

Section 7 **Record Keeping & Reporting**

- A. **Closure Reporting** – after completion of the closure requirements stated in section 5 of this closure plan, the Madison Transfer Station will submit a written notice to the Town of Madison and the NHDES Waste Management Division that the closure has been completed.
- B. **Recordkeeping** – Following the closure of the Madison Transfer Station, all records and documents pertaining to the facility operation and closure will be retained at the Madison Town Office.

Section 8 **Other Permits**

No further actions or permits are required to implement facility closure.

Section 9 **Closure Cost Estimate**

No closure cost estimate is required since the Madison Transfer Station is a municipal operation. All costs are covered by the town budget.

Addendum B

Projected Savings in 2012 if Roll-Offs had been Compacted with a Backhoe						
	Without Compaction			With Compaction		
Type	Hauls	Cost	Total	Hauls	Cost	Total
Recyclables Tandem	33	\$250.00	\$8,250.00	17	\$250.00	\$4,250.00
D&B Tandem	75	\$367.50	\$27,562.50	38	\$367.50	\$13,965.00
D&B Single	43	\$250.00	\$10,750.00	22	\$250.00	\$5,500.00
			\$46,562.50			\$23,715.00
Annual Savings with compaction:		\$22,847.50				

Additional Benefits of having the Backhoe onsite:

Savings by reducing time and equipment expense from the highway department for:

- Brushpile management
- Yard waste & compost management
- Partial snow removal
- Metal pile management
- Brick & masonry pile management
- Glass management

Cost of used backhoe \$15-70,000???

Cost of part time operator for backhoe ???

Cost of fuel for backhoe???

Cost of maintenance for backhoe???

Volume in Tons

YEAR	MSW	DEMO	PAPER	COMMINGLED
2008	1044	379	90	56
2009	884	351	92	72
2010	874	314	87	52
2011	732	378	98	79
2012	730	336	91	36

MADISON TRANSFER STATION

2012 ACTUAL								
Commo-dity	Tons	Hauls	Can	Tons/Haul	\$/Ton	\$/Haul	Combined \$/Ton	TOTAL COST
MSW	730	72	50	10.1	46.00	250.00	\$71	\$51,580
D&B	336	85	40	4.0	46.00	250.00	\$109	\$36,706
Commingled	36	33	30	1.1	17.50	125.00	\$132	\$4,755
Paper	91	33	30	2.8	-46.86	125.00	-\$2	-\$139
								\$92,902

2012 Weekend calls for MSW compactor exchange: $37 \times \$35 = \$1,295$

2012 MSW/D&B Tandem

hauls: 43

2012 MSW/D&B Single hauls: 72

2012 missed opportunity: $36 \times \$117.50 = \$4,230$