



TOWN OF MILFORD
DEPARTMENT OF PUBLIC WORKS

~ 2012 REPORT ~

Public Works Administration - The Public Works Administration provides for all the processing and record keeping of all activities within Public Works. The records maintained consist of building, cemeteries, developments, highways, memorials, parks, recycling center and storm water. The office processes everything from payroll and accounts payable to citizen concerns and requests. The office also provides for inspection services for construction activities in existing right-of-way as well as construction of new right-of-way in new developments. During the calendar year 2012 we issued 26 street opening permits, 9 driveway permits, and 4 pole licenses.

Cemeteries - DPW crews annually maintain and upgrade the 5 cemeteries within the town with activities including mowing, brush cutting, tree pruning, raking, and grounds maintenance.

There were 23 full burials and 31 cremation burials in 2012. DPW crews installed foundations for 4 monuments as well as placing 6 military markers. There were 15 full or cremation lots sold in 2012.

Upgrades in lawn care began this year in West Street Cemetery and Riverside Cemetery. A professional tree service spent two days in Riverside Cemetery removing dead trees and trimming damaged trees.

We would like to thank the Cemetery Trustees for their continued service and support. (Mary Dickson – Chairman, Leonard Harten, Robert Courage)

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**Highway Right-Of-Way Maintenance** - The town maintains approximately 88.91 miles of roadway and 11 miles of sidewalk. We continue to implement annual programs such as roadway sweeping, grading gravel roads, roadside ditch and culvert cleaning, tree and brush trimming, line painting, roadside mowing and sidewalk maintenance.

**Crack Sealing** – The annual crack sealing program is all done in house by DPW staff. This year there was 21,656 linear lane feet done. The amount done every year is determined by the condition, amount and size of the cracks in the roadway surface. DPW staff will continue this preventative maintenance program in the future, which will add life to the road surface.

The following roads were part of the surface rehabilitation program:

| <b><u>Milled 1 ¼"</u></b> | <b><u>1 ¼" Shim and Overlay</u></b> | <b><u>1" Overlay</u></b> | <b><u>Crack Sealing</u></b> |
|---------------------------|-------------------------------------|--------------------------|-----------------------------|
| Elm Street                | Elm Street                          |                          | McGettigan Road             |
|                           | Federal Hill Road                   |                          | Clark Road                  |
|                           |                                     |                          | Mason to Osgood Road        |
|                           |                                     |                          | Boulder Drive               |

**Highway Winter Maintenance** – The total snowfall for year 2012, as recorded by Jamie Soucy of Wastewater and a National Weather Service Co-operative Observer, was 21.0”. The following is a monthly breakdown:

**Snowfall in Milford, New Hampshire – 2012**  
**Measured in inches and tenths, for 24 hour periods ending at 7:00 pm**

| <u>JANUARY</u> | <u>FEBRUARY</u> | <u>MARCH</u> | <u>APRIL</u> | <u>OCTOBER</u> | <u>NOVEMBER</u> | <u>DECEMBER</u> |
|----------------|-----------------|--------------|--------------|----------------|-----------------|-----------------|
| 7.7            | 0               | 0            | 0            | 0              | 1.0             | 12.3            |

**Storm Drainage Maintenance** – A contractor is hired annually to clean upwards of 1,100 storm drains and DPW assists by cleaning the remaining 22 that are not machine accessible. This year we were able to video 1,025 feet of our drainage system for root cutting maintenance as well as 247 feet of video that enabled us to perform extra cleaning.

**Sign Maintenance** – Federal mandate has required all communities to begin a retro reflectivity standard program for all signage. Towns must inventory, determine condition of signs, replace or upgrade as needed, and place them in a maintenance program to meet the mandates. DPW is utilizing newly purchased software will help Milford inventory our existing signs as well as newly added signs, in addition to tracking stolen and/or repaired signs. We have inventoried 95% of our existing signs thus far.

**Highway Street Lighting** – Currently there are 424 street lights rented on a monthly basis from Public Service of New Hampshire.

**Roadway Striping** – The town annually hires a contractor to refresh the highway pavement marking lines. This year 30 miles of double yellow and 16 miles of white fog line were done. DPW crews refresh crosswalks, stop bars, handicapped and standard parking space lines and other roadway markings throughout the town.

**Dam Maintenance** – The Town of Milford has oversight of 6 dams. The DPW crew performed 10 weeks of maintenance on three of these dams in 2012.

**Bridge Maintenance** – There are 19 bridges within the Town of Milford. Three (3) of these bridges are permanently closed. Three (3) of them are “red listed”; 4 are rated as “fair”; 4 are rated as “satisfactory”; 2 are rated as “good”; and 3 are rated as “very good” by the state.

**Park and Memorials** - DPW crews annually maintain and upgrade the town’s 15 parks and 4 memorials with activities such as mowing, raking, pruning, weeding, vandalism repairs, painting, new plantings and maintenance of irrigation systems.

**Kaley Park** – Town crews and equipment assisted in fence work to the field. We also applied lime/fertilizer to field #2.

**Keyes Field** – DPW crews helped install a sun shade at the Kiddie Pool this year. A hired contractor painted the adult pool and a security camera was installed as well.

**Other related programs and projects** – The town lost the service of the Hillsborough Department of Corrections work program due to budget cuts at the county level. The program was able to provide the town with 3 weeks of 6 to 8 men performing duties such as painting, brush cutting, fall cleanup and some construction duties. The

town only had to provide the lunches for the personnel and receives a tremendous benefit from their work. The town will miss this program.

**Rail Trail (in Conjunction with the Conservation Commission)** – Each year DPW works 1 to 2 weeks on a section of rail trail, improving the condition of the trail.

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Recycling Center - This year a total of 2,307.00 tons of MSW trash was disposed of at this facility. The trash was delivered to Wheelabrator's Concord facility which is located in Penacook, NH, a waste to energy plant under contract with Waste Management and the Town of Milford. There was also 832.00 tons of demolition material including painted, varnished and stained wood, sheet rock, insulation, shingles, mattresses, and overstuffed furniture that was transported to staging sites in Londonderry, Auburn, and Salem/Peterborough under a contract with Waste Management and the Town of Milford.

The department's recycling effort from January through December removed from the waste stream a total of 1,311 tons. (This does not include propane tanks which are shipped out by the piece.)

The Town started a new pilot program in September 2004 where we have the residents voluntarily separate glass and place them directly into the hoppers. The glass is then hauled to Goffstown, NH and ground up for use as road bedding through a program with the NRRRA. In the updated ordinance of 2007 glass separation is mandatory for all who use the Transfer Station. For the year 2012 we have shipped 274.00 tons of glass to Goffstown. The glass program continues to save money as we move forward and fully implement the program. The final product after crushing is used for road bedding. This number does not include residents who are in the craft business making lamps out of bottles, all types of "glass" for resale that comes in is picked up weekly. We also have a couple of business owners making counter tops out of glass. This saves on disposal costs and the glass is being recycled. In 2012, toilets with metal fixtures detached were added to glass.

Approximately 775 cubic yards of yard and leaf materials were added to our composting effort. The material is piled in windrows and periodically turned over. After about 2 years, it has decomposed into an excellent product that can be used as a soil amendment and is free to residents. Thank you to all the Milford residents for their continued efforts to empty out all bags of leaves out into the leaf pile and for continuing to keep contaminated debris out of leaves for our wonderful product of composting used by residents for gardens, landscaping, flower beds, grass, etc. We would like to send a special thank you to Soiland for all the time, equipment and dedication at the Transfer Station for the work with the compost piles (old and new), leaves and the use of pushing up our brush piles from time to time when needed. As a reminder to all residents, we also offer wood chips for free to anyone needing this material.

Total electronics shipped out for 2012 totaled 68,915 pounds. We have two vendors (1 vendor picks up CPUs only). We also have school children who pick up CPUs to repair for school projects. We shipped out 351 Freon items which includes refrigerators, air conditioners and dehumidifiers. In 2011 we added plastic grocery bags, clean to reuse at the "Still Good Shed". Residents can drop them off for reuse.

Several projects were completed at the Transfer Station in 2012 which included:

- Refurbishing 3 roll off containers
- Paving in front of the recycling center and other locations where it was needed
- New roofing was installed over the recycling drop off area as well as the opposite side of the recycling building (storage area)
- Scale work – beams, cross members replaced
- Fence at the trash drop off area was reworked and welded

Milford Recycling Center
Historical Data

Solid Waste Data				Miscellaneous Solid Waste Data					Recyclable Solid Waste Data					Other	Total	Transfer Station Expenses and Revenue Data						
Year	MSW* Trash Tonnage	Demolition Trash Tonnage	Glass Tonnage	Total Category Tonnage	Batteries Tons	Electronics Tons	Freon # of units evacuated	Number of Propane Tanks	Tires Tonnage	Total Category Tonnage	Aluminum Cans Tonnage	Corrugated Cardboard Tonnage	Metals and Tin Tonnage	Mixed Paper Tonnage	Plastics #1/#2 Tonnage	Total Category Tonnage	Clothing Tonnage	Grand Total Tonnage	Year	Non-Cap. Op Budg Cost	Revenue Income	Net Cost
2003	3,508	990	221	4,719	18	-	-	-	18	36	27	178	444	380	80	1,109	90	5,954	2003	\$739,976	\$168,053	\$571,923
2004	3,299	1,277	137	4,713	12	-	-	-	30	42	25	140	497	468	70	1,200	110	6,065	2004	\$671,570	\$140,031	\$531,539
2005	3,275	1,341	235	4,851	14	-	-	341	33	47	33	126	219	452	69	899	55	5,852	2005	\$656,822	\$131,984	\$524,838
2006	3,196	1,402	235	4,833	21	-	294	226	22	43	42	117	238	480	80	957	53	5,886	2006	\$681,045	\$172,722	\$508,323
2007	3,014	1,072	256	4,342	20	8	495	343	16	36	21	257	224	493	65	1,060	60	5,498	2007	\$656,630	\$179,190	\$477,440
2008	3,043	1,030	259	4,332	41	22	371	400	22	85	22	107	165	501	73	868	72	5,357	2008	\$685,718	\$184,285	\$501,433
2009	2,930	1,008	272	4,210	50	35	425	550	41	126	32	125	190	664	78	1,089	93	5,518	2009	\$712,874	\$123,803	\$589,071
2010	3,006	957	264	4,227	75	30	300	600	63	168	36	130	200	725	85	1,176	97	5,668	2010	\$715,254	\$142,103	\$573,151
2011	2,528	867	257	3,652	102	30	400	594	43	175	20	90	150	383	65	708	95	4,630	2011	\$654,647	\$189,140	\$465,507
2012	2,307	832	274	3,413	155	33	351	495	48	236	22	92	140	389	60	703	98	4,450	2012	\$654,115	\$151,177	\$502,938
Total	30,105	10776	2,410	43,292	508	158	2,636	3549	336	994	280	1362	2467	4935	725	9769	823	54878				
Ave.	3,011	1,078	241	4,329	51	26	377	444	34	99	28	136	247	494	73	977	82	5,488				

Note 1

Note 2

Note 3 Note 4

Footnotes:

*MSW = Municipal Solid Waste

Note 1: Electronics since July 1, 2007 are shipped separately with new program. They were previously put into demo.

Note 2: Total category tonnage miscellaneous solid waste does not include propane tank column. Prior to 2005 these tanks were included in scrap metal.

Note 3: The corrugated cardboard tonnage fluctuates based on local businesses and market pricing.

Note 4: The metal and tin tonnage fluctuated as a result of individuals taking advantage of the income potential from scrap metal driven by market pricing.

Note 5: In 2012 glass increased adding toilets with no fixtures attached, Pyrex dishware/taken out of demo – used for road bedding.

Comments:

MSW continued to decrease in 2012. Recycling - more taken out of trash and due to the economy.

Metal in 2003 and 2004 is overstated because of the inclusion of Propane Tanks and therefore distorts the yearly comparison of the category and grand total.

Demo decreased in 2012 due to the economy/building.

In September of 2002, the Town of Milford implemented a new recycling recovery program, which includes the removal of paper recyclables (residential mixed paper). Integrated Paper provided a two cubic yard compactor and a 40 cubic yard roll off container at no charge. The roll-off container was picked up on site every week and is replaced with another. This year 389 tons of mixed paper was taken out of the waste stream. As of May 2011, the town went with Empire Recycling out of Billerica, MA who provides the same set up and picks up once a week or as needed.

MILFORD'S MIXED PAPER RECYCLING

Please put only the items listed in the left-hand column (see below) in the mixed paper container. ALSO, PLEASE NO PLASTIC BAGS!

ACCEPTABLE PAPER	NOT ACCEPTABLE PAPER
Computer Paper	Carbon Paper
Paper Bags	Self-Sealing Envelopes
Magazines	Mylar
Catalogs	Tyvek
White/Colored Office Paper	Foil Paper
Fax Paper	Juice Boxes (Foil Inside)
Envelopes (With Or Without Windows)	Paper With Any Metals (Besides Paper Clips & Staples)
Tab Cards	Blue Prints
Newspapers (And Glossy Inserts)	Plastic Coated Paper
Manila Folders	Tissue Paper
Telephone Books	Paper Towels
Stapled & Paper Clipped Paper	Napkins
Paper Brochures	Paper Cups & Plates
Chipboard (Cereal Boxes, Tissues Boxes, Etc.)	Any Paper Soiled (With Food, Oils, Etc.)
Paperback Books	Wax Cardboard
Junk Mail (Plastic Windows Ok)	Plastic Laminated Paper
Mixed Office Paper	
Notebook Paper	Please Ask If You Have Questions
Drawing Pad Paper	

The Milford Transfer Station continues to utilize as many community workers as possible throughout the year. We work with the prosecutors and courts including the surrounding towns to help kids and adults who may be in trouble with the law and who are requested to do community service with the Town. This year we had 410 community workers at various times. We also worked very closely with the Welfare Department utilizing the work program implemented for residents that receive assistance from the town. This program has enormously grown in the last 2 years. Each individual who gets assistance is responsible for contacting the Transfer Station manager for a set schedule on a weekly basis.

We would like to thank the Selectmen for their continued interest and support in our very busy recycling operation. Special thanks go to the residents for their continued support and cooperation in our recycling efforts, and willingness to do more with recycling. Also thanks to all of you who donated time at our very successful Hazardous Waste collection at the DPW garage. We look forward to having it again in May 2013.

Special thanks to volunteers Fred and Moe who donated their time and energy at the Still Good Shed and up on the hill at the Demo Area. They spend their days helping the community and assisting residents during our peak hours. Thanks also to all the volunteers on the Recycling/Solid Waste Committee for your attendance at monthly meetings and all the homework involved, as well as your encouragement, dedication and continued support. We look forward to working with you all in 2013.

Respectfully submitted, Rick Riendeau, Public Works Director