

# Fairfax Solid Waste Implementation Plan

## SWME Profile

<b>Name of SWME</b>	<b>Fairfax Municipality</b>
<b>Year Chartered (if applicable)</b>	Click here to enter text.
<b>Mission for Materials Management</b>	<b>The mission is to reduce trash ending up in the landfills by increasing recycling. As well, be in compliance with the state and Act 148</b>
<b>Names of Member Town(s)</b>	<b>Fairfax</b>

## General

<b>G1</b>	<b>Disposal and Diversion rates for the SWME's jurisdiction.</b> Include the calculation of the total disposal and per capita disposal rate for municipal solid waste from the jurisdiction for the SWME.
<b>Data tracking system:</b>	There is a system in place for tracking and reporting diversion rates biannually and disposal rates annually (check box) <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> (If No please indicate the deadline date below for when system will be in place).
<b>Plan for Annually tracking data:</b>	In 2014, 833 tons of MSW and 237 tons of recycling were collected giving Fairfax a recycling rate of 22%. (237/(833+237)) and a disposal rate of .25 tons per resident (1070/4300). Using Re-Trac we will report trash and recycling data annually, household hazardous waste event data annually. The town will report diversion data for the previous year on July 1, 2016 and annually thereafter by July 1st. Also, the town will report diversion data on July 1, 2017 and biannually (every other year) thereafter by July 1st to the ANR.
<b>Expected Timeframe</b>	July 1, 2016

<b>G2</b>	Within 6 months of VT ANR approval, post approved SWIP on SWME website.
<b>Plan for Posting:</b>	Immediately upon approval we will place our SWIP on the town's website as well as vtgrandpa a local website. Town website: fairfax-vt.gov

<b>G3</b>	Within 3 months of VT ANR approval, submit one newspaper article or op-ed piece introducing SWIP.
<b>Plan for Submittal:</b>	Stacy Wells, Adm. Assistant to the Selectboard will be responsible for submitting an article in the St. Albans Messenger immediately upon approval.

<b>G4</b>	Within 6 months of VT ANR approval, conduct a survey of constituents on current knowledge; including variable rate pricing, recycling, organics, C&D, HHW/CEG, electronic waste, and universal waste. Survey to be done at beginning and end of SWIP term.
<b>Plan for Surveys:</b>	A survey will be sent out to the residents of the Town, equating to approximately 1400 residents. The survey will include survey questions provided on the ANR survey template.

<b>G5</b>	Hold two public meetings during SWIP term, one before the end of the second year, the second in the fifth year.
<b>Planned Meeting Schedule:</b>	As per the SWIP, we will hold a public meeting intended to obtain feedback from the residents on the existing programs the town provides. Such meetings will be held in 2016 and in 2019.

<b>G6</b>	Develop and maintain a webpage linked to a homepage for the SWME that lists regional management options for waste material (A through Z).
<b>Date Planned for publishing Webpage:</b>	A webpage, already developed, has been dedicated to SWME. The person(s) responsible for updates and developing the list of management options for waste material in Fairfax will be either the Adm. Asst. to the Selectboard or the town's website manager.

<b>G7</b>	Adopt and implement variable rate pricing for municipal solid waste from residential customers and show plan for bringing haulers and facilities into compliance.
<b>Description of Program and copies of ordinances passed:</b>	<p><i>Please attach copies of any ordinances passed to this template, as well as a brief program description in a PDF or Word document. Indicate the title of the ordinance here.</i></p> <p>As of June 1, 2015 changes were made to the contract the town has with Duffy's Waste &amp; Recycling INC. Services are still subsidized by the town but now include a weekly limit per household of 65gal of trash and unlimited recycling. A tag program has also been introduced where residents who generate more than the 65gal limit are able to purchase tags to be applied to their additional bags. We will also audit pricing of all haulers and facilities operating in Fairfax on an annual basis to ensure compliance with unit based pricing and our town ordinance.</p>

<b>G8</b>	Collect contact information for all commercial solid waste haulers and a list of services they provide within the SWME jurisdiction.
<b>Description of collection process:</b>	We will collect data from all haulers offering services in town including: contact information and services by phone or email. This list will be updated on a quarterly basis and made available to Fairfax residents through our town website or in hard copy at the town office.
<b>Expected Timeframe:</b>	We have already submitted information through re-trac and plan on reporting the data we receive quarterly. The spreadsheet is already available and on the town's website.

## Recyclables

<b>R1</b>	<p>Work with at least 10% or 2 schools (whichever is greater) to implement a school-wide waste reduction program (covering recyclables, organics, and HHW) each year ensuring that 50% of schools are reached by end of SWIP term). Please describe how you plan to work with the schools each year.</p> <p><i>*If work performed with schools covers recyclables and organics, only one description is required.</i></p>
<b>Description of program:</b>	<p>BFA currently has an established waste and recycling program with Duffy's Waste &amp; Recycling. THIS program allows for the proper disposal of all Municipal Solid Waste, acceptable to the Vermont ANR's standards and the diversion of all mandated recyclables. See below.</p> <p><b>Outreach</b></p> <p>Joe Trask, Duffy's Waste &amp; Recycling Inc, has been contracted by the town to assist in the compliance of Act 148. Joe, together with the town and school officials will create and implement a food waste diversion program for the school. Joe estimates that this program will be operational within the next 6 months, well before June 1, 2016 when BFA will be required to have such a program based on Joe's estimation of tonnage generated by the school.</p> <p>The selectboard as well as Duffy's plan to work with the school in coordinating presentations and/or workshops within the school community. The SB plans on making site visits to the school as well as hold workshops to promote proper disposal of MSW, HHW/CEG and the diversion of mandated recyclables and organic material. We will establish a contact person (teacher/student) within the school who we will make phone calls to during the school year to answer any questions,</p>

	<p>or make suggestions. The town will work with the EAO at the State of Vermont to address safe and improved HHW/CEG storage, handling and disposal at the school. We will receive a waste report from Duffy's as they collect for the school and will track their progress.</p> <p>The town is committed to making a connection with the school (BFA) to ensure the following: recycling of mandated recyclables; meets the requirements for food scrap diversion; provide environmental assistance with proper handling, storage and disposal of all hazardous materials the school uses. As well as reduction in the use of hazardous waste where possible.</p>
<b>Expected Timeframe:</b>	July 1, 2015, working towards 2016 requirements now through June 1, 2016.

<b>R2</b>	Implement an ongoing multi-media public outreach campaign to inform the residents and businesses of the preferred practices to recycle materials including plan for raising awareness of the provisions from the UR law: 7/1/15-landfill ban and public space recycling.
<b>Description of campaign:</b>	<p>The Selectboard will expand the town's website on Act 148 information regarding recycling and waste. The Selectboard will also make sure that vtgrandpa.com, another Fairfax website, and the local paper (St. Albans Messenger), has the pertinent information. We will continue the outreach program and will evaluate it over different periods of time. Specific messages about Universal Recycling requirements will be promoted focusing on increasing recycling and reuse. Reaching people who don't currently recycle by offering convenient recycling options in an educational and easy to understand way.</p> <p>Joe will be the designated person responsible for overseeing the implementation of public education and raising awareness about disposal of organics.</p>
<b>Expected Timeframe:</b>	July 1, 2015

<b>R3</b>	Conduct outreach to at least 2% or 20 businesses/institutions (whichever is greater) in the region per year to increase their recycling and access to recycling in their public spaces, ensuring that a minimum of 10% of the businesses and institutions have been reached by the end of the SWIP term.
<b>Description of outreach plan:</b>	With approximately 15 businesses in town. Joe Trask will be responsible for outreach to local businesses by making a phone call as well as a site visit if necessary. IF the SB does not feel that the businesses are complying with the requirements a letter will be sent first. Follow-ups will also be made part of the plan for businesses to insure that they are complying with the requirements of Act 148.
<b>Expected Timeframe:</b>	Once our SWIP has been approved and adopted we will begin reaching out to businesses. 9/2015

<b>R4</b>	<p>Provide technical assistance for waste reduction at public and private events.</p> <p>*If technical assistance covers recyclables and organics, only one description is required.</p>
<b>Description of program:</b>	We feel increasing our web presence and access to the information, residents and businesses will be more conscientious regarding recycling and their obligations to do so. We will put on the town's website as well as local websites options for waste & recycling services for residents and businesses holding events within the town. A phone number will be provided on the town's website who residents can contact should they have questions on recycling/composting at events held in town.

	The Board will make sure that the Rec. Dept. follows the criteria as well for events held at the Rec. Park.
<b>Expected Timeframe:</b>	July 1, 2015

<b>R5</b>	Include outreach & options for textile reuse and recycling.
<b>Description of program:</b>	The Town has recently added three yellow Planet Aid boxes for recycling of textiles where residents can bring their clean unwanted clothing. We will provide the placement of the Planet Aid boxes on the Town's website. The SB will commit to updating the list of textile collection locations and providing outreach information annually.
<b>Expected Timeframe:</b>	July 1, 2015

## Organics

<b>O1</b>	Work with at least 10% or 2 schools (whichever is greater) to implement a school-wide waste reduction program (covering recyclables, organics, and HHW) each year ensuring that 50% of schools are reached by end of SWIP term.  *Please note if this description is provided above in the recyclables section.
<b>Description of program:</b>	Please see comments above for R1. We currently hold two leaf and yard debris pick-ups annually provided by Duffy's Waste & Recycling. Food scraps will be diverted by having a program to help residents obtain special containers to hold food scraps which will be picked up by our local waste & recycling hauler. We will continue to look into how we can adequately achieve the goal of no food scraps ending up in the landfill by 2020.  The Town is committed to making a connection with the school to insure the following: recycling of listed recyclables; meets the requirements for food scrap diversion; provide environmental assistance with proper handling, storage and disposal of lab chemicals as well as cleaning supplies.
<b>Expected Timeframe:</b>	July 1, 2016 – end of SWIP term.

<b>O2</b>	Implement an ongoing public education and outreach campaign to inform the residents, businesses, and institutions (hospitals, nursing homes, colleges, correctional facilities, and other large waste generators) of the better ways to manage organic materials. Must include at a minimum the plan for raising awareness about the organics disposal bans (leaf and yard debris and food scraps) and food recovery hierarchy from the UR Law.
<b>Description of campaign:</b>	See comments above for R2 and O1. If we do not join a solid waste district, 1 FTE person will be dedicated to overseeing the implementation of the SWIP requirements.  Joe Trask will be responsible for overseeing the implementation of a community outreach campaign focusing on raising awareness about the disposal of organics through June of 2016. Including information on the Town website, an article in the local newspaper, site visits to businesses and the opportunity for one on one discussion at public meetings. We will be looking into all options including joining a solid waste district at that time.

<b>Expected Timeframe:</b>	2016-July 1, 2020
----------------------------	-------------------

<b>O3</b>	Conduct outreach to at least 2% or 20 food based businesses and institutions (whichever is greater) within their jurisdiction each year, ensuring that at a minimum 10% of the business and institutions are reached by the end of the SWIP term.
<b>Description of outreach plan:</b>	See comments above for R3. We will send local businesses flyers explaining Act 148 statutory provisions and requirements regarding the proper disposal of waste , reuse and recycle techniques.
<b>Expected Timeframe:</b>	2017 – July 1, 2020

<b>O4</b>	Provide technical assistance for waste reduction at public and private events.  *Please note if this description is provided above in the recyclables section.
<b>Planned Tasks:</b>	Please see comments for R4.  We feel by increasing our web presence and access to the information, residents and businesses will be more conscientious regarding recycling and their obligations to do so. We will put on the Town’s website as well as local websites options for waste & recycling services for residents and businesses holding events within the Town. A phone number will be provided on the Town’s website who residents can contact should they have questions related to waste & recycling options for events held in Town. The Board will make sure that the Rec. Dept. follows the criteria as well for events held at the Rec. Park.
<b>Expected Timeframe:</b>	Summer 2017 – Summer 2017 timeframe.

<b>O5</b>	Contact and collaborate with local food redistribution groups and networks to conduct outreach and education to food service businesses and institutions about the opportunities to donate quality food within the region to feed people.
<b>Planned Tasks:</b>	The Town currently has one local food shelf. We will contact the local food shelf and offer assistance, serving as a resource for outreach and education and maintain an open line of communication moving forward. We will make information available to residents and businesses on the Town website including: location, hours of operation, donation options, accepted items. The list of local food redistribution groups as well as all related information will be updated on an annual basis.
<b>Expected Timeframe:</b>	Present and ongoing.

<b>O6</b>	Establish or promote year-round collection location for leaf and yard debris within SWME region. List existing location or the plan to establish and timeline for reaching operational capacity.
<b>Planned Tasks:</b>	The Town of Fairfax along with Duffy's Waste & Recycling, provides the residents with two leaf and yard debris pick-ups per year (spring and fall). This service was just implemented a year ago. We will increase advertising of the service to improve participation. If the town doesn't join the NWSWD by July 1, 2016, an area in Town will be designated for a year-round collection location.
<b>Expected Timeframe:</b>	July 1, 2016

## Construction & Demolition (C&D)

<b>C1</b>	Implement a multi-media outreach campaign to inform the residents and businesses of the preferred practices for the reduction of C&D materials generated and for end-of-life management.
<b>Description of campaign:</b>	<p>As C&amp;D recycling is relatively new to our Town we will put special emphasis on advertisements and other educational tools to increase awareness and knowledge surrounding C&amp;D recycling. We will offer names of C&amp;D recycling facilities and reuse building supply businesses. It will be the Town's mission to employ a FTE to carry out the provisions within the implementation plan. However, as stated previously, we will most likely entertain joining the NWSWD and plan to discuss it during budgeting for 2016.</p> <p>We will contact local contractors, as well as DIY's within the community on where to find reusable materials, as well as locations to take reuseable and recyclable C&amp;D materials via email and/or mail.</p>
<b>Expected Timeframe:</b>	July 1, 2016

<b>C2</b>	Establish a program for clean wood recycling prior to July 1, 2016 to coincide with the UR Law landfill ban.
-----------	--

<b>Description of program:</b>	As we do not currently have a program for clean wood recycling we will focus on this to be compliant by July 1, 2016. Once a collection location has been established the Selectboard will make sure that the materials collected will be reused or recycled. How this will be undertaken has not yet been determined. We will look into a C&D facility.
<b>Expected Timeframe:</b>	July 1, 2016.

<b>C3</b>	Establish at least one collection location for asphalt shingles collection and drywall by end of the SWIP term in each SWME's jurisdiction.
<b>Planned Tasks:</b>	Once we have established a collection site materials such as asphalt shingles and drywall will be available to be recycled/reused.
<b>Expected Timeframe:</b>	July 1, 2016

## HHW & CEG

<b>H1</b>	Work with schools and VT ANR's Environmental Assistance Office to provide information and technical assistance on HHW/CEG hazardous waste handling, disposal, waste reduction, recycling and assistance accessing cost effective disposal options. Work with at least 10% or 2 schools (whichever is greater) each year ensuring that 50% of schools are reached by end of SWIP term.
<b>Description of program:</b>	<p>BFA, the only school in Town, currently has an established waste and recycling program with Duffy's Waste &amp; Recycling.</p> <p>The selectboard as well as Duffy's Waste &amp; Recycling plan to work with the school in coordinating presentations and/or workshops within the school community. The SB plans on making site visits to the school as well as hold workshops to promote proper disposal of MSW, HHW/CEG and the diversion of mandated recyclables and organic material. We will establish a contact person (teacher/student) within the school who we will make phone calls to during the school year to answer any questions, or make suggestions. The Town will work with the EAO at the State of Vermont to address safe and improved HHW/CEG storage, handling and disposal at the school. We will receive a waste report from Duffy's as they collect for the school and will track their progress.</p> <p>The town is committed to making a connection with the school (BFA) to ensure the following: recycling of mandated recyclables; meets the requirements for food scrap diversion; provide environmental assistance with proper handling, storage and disposal of all hazardous materials the school uses. As well as reduction in the use of hazardous waste where possible.</p>
<b>Expected Timeframe:</b>	July 1, 2015

<b>H2</b>	Implement a multi-media outreach campaign to inform residents, businesses and institutions of environmentally preferable purchasing and of the preferred practices for hazardous materials including pharmaceuticals.
<b>Description of program:</b>	<p>The Selectboard office will be responsible for updating the website and/or generating flyers and website postings. Fairfax-vt.gov website will be the main vehicle for providing information to the residents. Flyers will be made available for students to bring home on how to reduce toxins at home and at school within the waste reduction committee. We will also produce a flyer listing where to purchase environmentally friendly products and how to properly dispose of potentially hazardous materials.</p> <p>The outreach campaign on household hazardous waste will include businesses and institutions, as well as residents.</p>
<b>Expected Timeframe:</b>	July 1, 2015 - Ongoing

<b>H3</b>	Work with 2% or 20 (whichever is greater) of businesses and institutions within jurisdiction per year on proper disposal and waste reduction information, ensuring that at a minimum 10% of the business and institutions are reached by the end of the SWIP term.
<b>Description of program:</b>	Please see comments from R3. The Town will connect businesses with available resources such as Environmental Assistance Office, Efficiency VT for proper management of hazardous waste.
<b>Expected Timeframe:</b>	July 1, 2015 - Ongoing



<p><b>H4</b></p>	<p><b>Year 1:</b> Establish a minimum of 2 HHW/CEG events per year, or access to a permanent facility.  <b>Year 2:</b> Demonstrate that year-round HHW/CEG collection exists for additional MMP-specified materials, provide 2 HHW/ CEG events per year or access to a permanent facility for items not listed.  <b>Year 3:</b> Demonstrate that year-round HHW/CEG collection exists for additional MMP-Specified materials, provide 3 HHW/CEG events per year or access to a permanent facility for products not listed.  <b>Year 4:</b> Demonstrate that year-round HHW/CEG collections exists for additional MMP-Specified materials, provide a minimum of 3 HHW/CEG events per year or access to a permanent facility for products not listed, ensure households have access to HHW/CEG event or permanent facility within 15 miles.  <b>Year 5:</b> Demonstrate that year-round HHW/CEG collections exists for additional MMP-Specified materials, provide a minimum of 4 HHW/CEG events per year or access to a permanent facility for products not listed, ensure households have access to HHW/CEG event or permanent facility within 15 miles.</p> <p>Ensure that minimum requirements outlined in MMP under Convenience are met each year.</p> <p><b><u>Current Year round collection options</u></b></p> <p>Batteries - Fairfax Town Office</p> <p>Fluorescent Lamps - St. Albans: Sticks and Stuff, 44 Lower Newton Road St. Albans, VT (802) 524-2136 St. Albans: St. Albans Ace Hardware, 133 North Main Street St. Albans, VT (802) 527-7007</p> <p>Mercury Thermostats - F.W. Webb CO., 5 Franklin Park W. St. Albans, VT 05478</p> <p>1 and 20lb Propane Tanks - Town Garage</p> <p>Electronics- NWSWD: North West Solid Waste District, 158 Morse Drive Fairfax, VT 05454 (802) 524-5986</p> <p>Paint - Paint Care</p> <p>Used Oil - Fairfax Town garage</p> <p>Information regarding these year round collection options for Fairfax residents will be made available online, including hours of operation.</p>
<p><b>Description of plan for each year:</b></p>	<p>Year 1: Currently have two events per year, one in the spring and one in the fall.  Year 2: As stated above, we have two events.  Year 3: If the Town has not joined a SWD, we will conform by having the amount of HHW and CEG hazardous waste events in the MMP requirements of three annually.  Year 4: All of the HHW/CEG events are held at the Town Garage making it accessible to the residents in town well within the 15 miles specification.  Year 5: Again, if we do not belong to a SWD by year 5 we will comply with the minimum of 4 HHW/CEG events per year.</p> <p>We may begin by having the Town Garage located on Fletcher Road as the starting point for the collection location where residents may dispose of batteries, fluorescent lamps, mercury thermostats, propane tanks, e-waste etc. starting in year 2 of the SWIP term.  We will look into the local hardware store and auto parts shop for also handling some of these products but to date have not done this.</p> <p>We will work with EAO to offer a waste evaluation at schools and offer guidance on what is hazardous or toxic in school and home. As well, alternatives to toxic product information will also be available for students</p>

<b>Expected Timeframe:</b>	July 1, 2015

## Sludge, Septage and Residual Wastes

<b>S1</b>	Implement a public education and outreach campaign to inform residents and businesses of the quality and beneficial uses of Vermont's biosolids and residual wastes to address public perceptions and to educate residents and businesses to not dispose of household hazardous wastes, pharmaceuticals, and other chemicals in wastewater and septic systems.
<b>Description of program:</b>	<p>We will use our Town website, meetings and flyers to educate residents and businesses about biosolids. Including information on beneficial uses of biosolids and the importance of proper disposal of HHW, pharmaceuticals and other chemicals to stop these chemicals from coming in contact with wastewater and septic systems. We will also make use of the ANR's flyer on beneficial uses of Biosolids to work to dispel and negative connotations residents may have with wastewater and biosolids.</p> <p>We are currently advertising tours of the wastewater building in the town report each year.</p>
<b>Expected Timeframe:</b>	Currently have tours available to school groups and interested parties. Ongoing education to residents and businesses on the proper way to dispose of HHW, and especially pharmaceuticals. We will continuously look for ways to educate and inform the commercial sector and the public.

<b>S2</b>	SWMEs shall work with their respective municipalities, plant operators, and septic service providers to encourage the beneficial use of biosolids and septage.
<b>Description of program:</b>	We plan to work with the Town's wastewater treatment plant operator to encourage beneficial uses of Biosolids by the end of the SWIP term. According to the wastewater management division, Biosolids, are not allowed in any fashion to be used as a nutrient on any crop that will be used for human consumption.
<b>Expected Timeframe:</b>	Currently with an ongoing goal of improving procedures of Biosolids and septage usage. Our water and sewer superintendent will take on the responsibility of fulfilling the obligations of this area.

### **Solid Waste Facilities Siting Criteria**

The town does not have any siting criteria but, will use criteria no less stringent than those included in Vermont Solid Waste Management Regulations.

### **Solid Waste Facilities**

There are currently no Solid Waste Facilities located in the town of Fairfax. If there is in the future we will update our solid waste plan with the facilities information. We will also include them in our annual audits to ensure they are in compliance with our town ordinance and all other standards set by Act 148.

### **Public Participation Plan**

We believe that the meeting the State's standards for outreach and convenience will encourage early public participation. Taking steps to make information available to Fairfax residents through mailings, town meetings and the town website will insure that Town residents have the necessary information to comply with Act 148. Throughout the planning and implementation process of Act 148 information and opportunities for discussion have been made available to Fairfax residents through public hearings the town website. Duffy's Waste & Recycling providing service to the Town in a way that is compliant with state laws will also ensure that Fairfax residents are participating.

### **List of Haulers**

**Duffy's Waste & Recycling (802) 849-2309** Services: Residential collection townwide, roll off containers, commercial containers, recycling collection, MSW collection, C&D collection

**Casella (802) 891-4050** Services: roll off containers, commercial containers, recycling collection, MSW collection, C&D collection

**Gauthiers Trucking (802) 316-3447** Services: roll off containers, commercial containers, recycling collection, MSW collection, C&D collection

**Myers Container Corp. (802) 655-4312** Services: roll off containers, commercial containers, recycling collection, MSW collection, C&D collection



