

# RUTLAND COUNTY SOLID WASTE DISTRICT RCSWD SOLID WASTE IMPLEMENTATION PLAN 2015

FINAL VERSION DATED JUNE 10, 2015

ADOPTED BY RCSWD BOARD OF SUPERVISORS JUNE 24, 2015

APPROVED BY VT ANR AUGUST 6, 2015



## Member Towns

Brandon, Castleton, Clarendon, Danby, Hubbardton, Ira, Killington, Mendon, Mount Tabor, Mount Holly, Pittsford, Poultney, Proctor, Rutland City, Wallingford, Wells, West Rutland

# SWIP Template & Checklist

This template can be used to draft a Solid Waste Implementation Plan (SWIP). **Solid Waste Management Entities (SWMEs) are not required to use this template but may find it helpful for drafting their SWIP.**

This document is meant to provide a suggested structure for the SWME to use to submit a SWIP that will be consistent with the State’s MMP. This template will assist the SWME in describing how the performance standards will be fulfilled but the **original MMP document and MMP performance standards must be referenced** to ensure that you’ve provided a complete description of how the deliverables required will be met from SWMEs. In addition, you may also reference the SWIP Guidance document that was created to offer suggestions for meeting the MMP performance standards.

**Planning:** Please describe how you intend to meet the requirements of each MMP performance standard within the SWIP period. You may write a brief description of a program you plan to implement or bullet point specific tasks you plan to execute. Two to three sentences may be sufficient to respond to the MMP performance standards, but provide as much description as you need to ensure clarity of how the performance standard will be met. Note that the space in the tables below will adjust to the amount of text you write.

In the event an attachment is required, please attach and make note of it in the material sections of the template. All documents that are required to be submitted as part of a SWIP inclusive of the performance standards are listed in the checklist on the last page of this document.

## SWME Profile

<b>Name of SWME</b>	<b>Rutland County Solid Waste District</b>
<b>Year Chartered (if applicable)</b>	<b>1979</b>
<b>Mission for Materials Management</b>	The District’s mission is to provide efficient, economical, and environmentally sound management of solid waste generated by member towns and cities and their residents and businesses.
<b>Names of Member Town(s)</b>	<b>Brandon, Castleton, Clarendon, Danby, Hubbardton, Ira, Killington, Mendon, Mount Tabor, Mt. Holly, Pittsford, Poultney, Proctor, Rutland City, Wallingford, Wells &amp; West Rutland</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>	The District tracks MSW monthly. A combination of in-house developed excel programs and PC Scales are used for tracking. The District also reports for a number of facilities on the State required ReTrac quarterly and yearly reporting forms. For 2013 the total amount of MSW generated was 34,948 tons. The District has collected detailed material weights at all District Town transfer stations along with cost for transport and disposal. The 2013 population for the Rutland County Solid Waste District was 46,416. This equates to 4.22 pounds per day. There is a significant increase in population for three of the towns that have a lake within their

<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.
	boundary and there is one town that sees a huge increase in population during the winter months.
<b>Expected Timeframe</b>	The Rutland County Solid Waste District will gather required information within 30 days of the previous calendar year. And as required report through the State ReTrac. The District will also report disposal data annually by July 1st and diversion data biannually by July 1st to ANR.
<b>G2</b>	Within 6 months of VT ANR approval, post approved SWIP on SWME website.
<b>Plan for Posting:</b>	The Material Management Plan will be posted on the District's website <a href="http://www.rcswd.com">www.rcswd.com</a> within the required 6 months VT ANR approval. Notice of such will also be publicly made through various social channels.
<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>	The waste reduction coordinator of the Rutland County Solid Waste District will submit at a minimum one newspaper article about the MMP within 3 months of ANR approval. RCSWD has a close working relationship with the local daily newspaper, most of the weekly news journals and many of the town newsletters.
<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>	The Rutland County Solid Waste District and the Solid Waste Alliance Communities will distribute a questionnaire at Rutland County Transfer Stations asking constituents on their current knowledge of VRP, recycling, organics, C&D, HHW/CEG, electronic waste and universal waste. The state has indicated a preference that their survey be utilized and RCSWD will participate if that so develops. If the state has not developed a survey, a RCSWD/SWAC survey will be developed and administered utilizing survey monkey targeted to the extensive data base of businesses on file. A link will also be listed on the RCSWD and SWAC websites. The questionnaire/survey will be repeated in the fifth year of the MMP.
<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>	Rutland County Solid Waste District and the Solid Waste Alliance Communities will co-host two public meetings to receive feedback on county wide programs and also requirements set forth from the state. The meetings will be held at a central location and be published through a number of social and printed medias. The first meeting will be held in the summer of Year 2 and the second meeting will be held during Year 5 of the SWIP. The meeting will be held at a convenient site in Rutland City. Copies of sign-in sheets, lists of questions and concerns, and copies of outreach materials will be provided to ANR
<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>	The Rutland County Solid Waste District maintains a detailed website <a href="http://www.rcswd.com">:www.rcswd.com:</a> for activities within the District. Links are also in place for state and national developments. Plans have been underway to develop a comprehensive list for A through Z materials with the help of interns.
<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</b>	<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> The RCSWD Civil Ordinance was passed by the Board of Directors at the May 6 <sup>th</sup> 2015 board meeting. The ordinance in its entirety was published as a public notice in the Rutland Herald on May 8, 2015. A

<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>passed:</b>	copy is included with this SWIP draft revision. As such all facilities need to follow the civil ordinance. The District also does the reporting requirements for the facilities and will have detailed information on activities at the facilities. The haulers are required to renew licensing every calendar year. A component will be included that haulers will be required to provide rate schedules to RCSWD. The District will review hauler rates to ensure compliance with the civil ordinance.

<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>	The Rutland County Solid Waste District and the Solid Waste Alliance Communities maintain a list of commercial solid waste haulers that is renewed on a calendar year. The application list the services offered including contact information and a current certificate of insurance. The licensing requirements are mailed to the haulers in November of each year. The information is compiled in an excel spreadsheet.
<b>Expected Timeframe:</b>	The Rutland County Solid Waste District and Solid Waste Alliance Communities renew all commercial haulers on a calendar year and will submit the list to ANR by January 31st of each year.

## Recyclables

<b>R1</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 describe how you plan to work with the schools each year.  *If work performed with schools covers recyclables and organics, only one description is required.
<b>Description of program:</b>	The Rutland County Solid Waste District will use a combination of in-house and contracted services to work with at least 10% of the schools within its boundaries. There are 30 schools within the District. . Of which 6 are private. A comprehensive list along with contacts is attached to this document. Though there isn't a full-time staff dedicated to youth outreach, district staff responds to request for presentations in class, contracted services through NRRA is being investigated and interns have been employed to provide the service. Contracted services will be primarily responsible for initiating contact and outreach. A detailed data base has been developed with administrative and teachers contacts. A list has also been developed containing "involved" teachers/staff that have been active in the past. The RCSWD and SWAC have worked with the VT DEC EOA, coordinating activities targeting the custodial staff at various schools. The District has historically supplied desk side recycling bins to classrooms and is currently loaning 65 gallon wheeled toters to a couple of schools on a trial basis for their compost programs. Rutland City public schools currently have zero-sort recycling, with the remaining schools using a combination of private haulers or custodial staff transporting recyclables to their local transfer stations. Interns will be contracted to document that schools are collecting the mandatory recyclables and developing tracking on the success. Currently the District has an ongoing relationship with 9 of the public schools. There is a private connection through UVM working on the city schools. District staff have been very active and available providing transfer station and MRF tours for school and interested parties. Casella also has dedicated staff available for tours of the MRF. A tracking spreadsheet is being developed detailing the group visiting, the number of students and also the age/grade.
<b>Expected Timeframe:</b>	The District is actively engaged with 38% of the public schools. The District will reach out to 100% of the District school by the end of the SWIP term. The District has historically been involved with 85% of the public schools before downsizing in 1999.



<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 Rutland County Solid Waste District will work to develop partnerships with public and private organizations to launch thorough public education campaigns with the goals to:</p> <ul style="list-style-type: none"> <li>a. Influence the behavior of consumers and businesses, and</li> <li>b. Improve awareness and use of sustainable materials management services and practices such as recycling and composting.</li> </ul> <p>A comprehensive list of businesses was gathered by an intern in the summer of 2014. The list are attached at the end of the SWIP. It will be a joint effort among staff to develop and provide outreach material. The staff is the foremost provider of information. The public comments frequently on the expertise and professionalism District staff provide.</p> <p>Some of the media the District utilizes include an active Facebook page, a twitter account, frequent PSA's in the county weekly publications, a list of town published newsletters and a District produced newsletter. The recycling coordinator has taken a class at the public TV station enabling the use of video equipment. Also the technical division of the high school has been involved in educational material. Conversation has been ongoing with Castleton State College's communications class in developing educational videos.</p>
<b>Expected Timeframe:</b>	Ongoing. All of the materials has been and will be utilized for the duration of the SWIP term. The discussion with the communications class at CSC is expected to continue in the fall 2015 semester and continue during each semester thereafter.

<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>	<p>The Rutland County Solid Waste District will use a combination of in-house and contracted services to work with at least 2% of the businesses within its boundaries. Though there isn't a full-time staff dedicated to business outreach, district staff responds to request for presentations and the district works closely with state and local business connected organizations. State organizations include the environmental assistance office, VT small business develop center and the local chamber of commerce. Multiple sources were used in developing the excel data tracking for businesses in Rutland County. The VT Department of Labor: <a href="http://www.vtlmi.info/employer.cfm">http://www.vtlmi.info/employer.cfm</a> was the primary source of business listings providing an estimated 2189 establishments within Rutland County. The District also has membership in the Rutland Chamber of Commerce, the Poultney Chamber of Commerce, the Killington Chamber of Commerce and the Brandon Chamber of Commerce. A description of District services is listed in each chamber newsletter. Currently the outreach is limited to businesses calling the District for additional information or advice on fulfilling ACT 148 requirements. The State news sources have generated a great deal of interest within the business community and with continued news coverage the District will act as a local source of assistance for the 1<sup>st</sup> year of the SWIP. Years 2-5 the District will have a goal of connecting through a combination of forms with 45 businesses annually. Interns will be employed to initially connect by a phone call and email message detailing ACT 148 conditions.</p>
<b>Expected</b>	Year 1 respond to questions/concerns from businesses that have learned of ACT 148 through State

<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>Timeframe:</b>	informational pieces. Years 2-5 connect with 45 businesses annually.

<b>R4</b>	Provide technical assistance for waste reduction at public and private events.  *If technical assistance covers recyclables and organics, only one description is required.
<b>Description of program:</b>	The Rutland County Solid Waste District has links on its webpage that provides technical assistance for waste reduction at events. The District has a multiple array of recycling containers that are lent out for special events. 64 gallon totes are available along with pickup service for multi-day events. The District has been involved with SolarFest for a number of years. A multi-bin recycling trailer was purchased recently and is being refurbished. The trailer will be available for special events.
<b>Expected Timeframe:</b>	Current and ongoing

<b>R5</b>	Include outreach & options for textile reuse and recycling.
<b>Description of program:</b>	The Rutland County Solid Waste District has coordinated the placement of collection bins at a number of transfer stations for the collection of textiles. Planet Aid and SEVCA both have a presence at the District Transfer Stations. Also located in the District is a retail Salvation Army retail operation. The Open Door Mission Thrift Store offers some of the most extensive selection of used textiles for the local population. A number of used clothing retail shops advertise for used clothing. The service is advertised on the RCSWD website. The list of locations for textile collection will be updated annually on the District website.
<b>Expected Timeframe:</b>	The Rutland County Solid Waste District currently meets this requirement but will also plan to construct an A – Z item list and will include all reuse shops.

## 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>	The Rutland County Solid Waste District will use a combination of in-house and contracted services to work with at least 10% of the schools within its boundaries. Though there isn't a full-time staff dedicated to youth outreach, district staff responds to request for presentations in class, contracted services through NRRA is being investigated and interns have been employed to provide the service. A detailed data base has been developed with administrative and teachers contacts. A list has also been developed containing "involved" teachers/staff who have been active in the past. The RCSWD and SWAC have worked with the VT DEC EOA, coordinating activities targeting the custodial staff at various schools. There are 30 schools within the District. Of which 6 are private. A comprehensive list along with contacts is attached to this document. The District has historically supplied desk side recycling bins to classrooms and is currently loaning 65 gallon wheeled totes to a couple of schools on a trial basis for their compost programs. <b>The District will offer resources to schools or connect</b>

<b>01</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.</p> <p>*Please note if this description is provided above in the recyclables section.</p>
	<p><b>schools with other organizations regarding different methods of diverting food scraps such as onsite composting, composting facilities and hauler services throughout the SWIP term.</b> Rutland City public schools currently have zero-sort recycling, with the remaining schools using a combination of private haulers or custodial staff transporting recyclables to their local transfer stations. Interns will be contracted to document that schools are collecting the mandatory recyclables and developing tracking on the success. Currently the District has an ongoing relationship with 9 of the public schools. There is a private connection through UVM working on the city schools. District staff have been very active and available providing transfer station and MRF tours for school and interested parties. Casella also has dedicated staff available for tours of the MRF. A tracking spreadsheet is being developed detailing the group visiting, the number of students and also the age/grade.</p>
<b>Expected Timeframe:</b>	<p>Current and ongoing. During each year of the SWIP 5 schools will be contacted by the Waste Diversion staff person. Data will be gathered to show status of school waste reduction programs and the infrastructure in place for the composting requirements.</p>

<b>02</b>	<p>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.</p>
<b>Description of campaign:</b>	<p>The Rutland County Solid Waste District will use a combination of in-house and contracted services to work with businesses within its boundaries. RCSWD will coordinate with SWAC maintaining the existing database of businesses and institutions. Though there isn't a full-time staff dedicated to youth outreach, district staff responds to request for presentations in businesses, contracted services through NRRRA is being investigated and interns have been employed to provide the service. Currently the Waste Diversion District staff has worked closely with the SWAC administrator in providing outreach materials. A detailed data base has been developed with business contacts. The RCSWD and SWAC have worked with the VT DEC EOA, coordinating activities targeting businesses throughout the county. The District relies on outreach materials that have been developed by other agencies. But the information is distributed through a combination of PSA's in the local daily, weekly and town newsletters.</p>
<b>Expected Timeframe:</b>	<p>Current and ongoing. Year 1 the District and SWAC will initiate conversation with facilities that service both solid waste entities. The remaining years of the SWIP the District and SWIP will distribute and promote information that coincides with rolling MMP deadlines and implementation dates.</p>


<b>03</b>	<p>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.</p>
<b>Description of outreach plan:</b>	<p>The Rutland County Solid Waste District and the Solid Waste Alliance Communities have developed an extensive database of food-based businesses and institutions within Rutland County. The use of interns to connect with this industry has been utilized in the past. The area is dependent on tourism</p>

<b>03</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.
	consequently there is a very large food industry within the county, many realizing the significance of a "green" presentation. The option of using the Vermont Business Environmental Partnership to further provide information is fully utilized as is many of the formats they have developed for the specific industries in the tourism industry The VT Department of Labor: <a href="http://www.vtلمي.info/employer.cfm">http://www.vtلمي.info/employer.cfm</a> was the primary source of business listings providing an estimated 2189 establishments within Rutland County. The District also has membership in the Rutland Chamber of Commerce, the Poultney Chamber of Commerce, the Killington Chamber of Commerce and the Brandon Chamber of Commerce. A description of District services is listed in each chamber newsletter. Currently the outreach is limited to businesses calling the District for additional information or advice on fulfilling ACT 148 requirements. The State news sources have generated a great deal of interest within the business community and with continued news coverage the District will act as a local source of assistance for the 1 <sup>st</sup> year of the SWIP. Years 2-5 the District will have a goal of connecting through a combination of forms with 45 businesses annually. Interns will be employed to initially connect by a phone call and email message detailing ACT 148 conditions.
<b>Expected Timeframe:</b>	Current and ongoing. The District has assisted large generators for years. Currently concerns focus on siting a facility within the Rutland County. The District will continue and expand outreach to 45 businesses annually with current information on available options.

<b>04</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>	The Rutland County Solid Waste District and the Solid Waste Alliance Communities provide links on their websites to the state developed brochures offering technical assistance at public and private events. The RCSWD has provided and will continue to provide operational assistance to large functions through the use of collection containers for specific materials. RCSWD has been very active through the years providing a food waste collection for Solar Fest.
<b>Expected Timeframe:</b>	Current and ongoing



<b>05</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 Rutland County Solid Waste District promotes staff involvement with local food redistribution groups and networks. Currently staff contributes 4 plus hours a month with hands on staffing of a local food shelves. Also included is actual pickup and delivery of donated foods to local food shelves. District staff will stay involved with the extensive network developed within the county between Farm to Plate and the existing food distribution connections. A recent establishment of the VT Food Bank in a central Rutland location will extend the perishable food materials offerings to the local food groups.
<b>Expected Timeframe:</b>	Ongoing. The District will stay in close communication with the local food shelves, VT Food Bank and the localvore network. A data base will be maintained with all the organizations contacts.

<b>06</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>	<p>The Rutland County Solid Waste District currently accepts yard debris year round at the regional facilities in Rutland County and assists some towns in dealing with large quantities of municipal and community yard debris in the fall. The District maintains separate piles for the leaf material and a separate pile for the yard waste materials.</p>  <p>A number of District Town transfer stations are also taking leaf materials. The leaves for all the sites are used as a carbon source in the compost industry. 5 of the transfer stations have State permitted burn programs for brush and clean wood. Eight of the facilities are open at least one week day and one weekend day per week. RCSWD runs multi-channel seasonal awareness promotions online (website, social media, newsletter) and in traditional print media (including handouts)</p>
<b>Expected Timeframe:</b>	Ongoing for the Regional Transfer Station in Rutland City. Education and options will be developed for towns that use a burn program to manage the yard debris

## 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>	The Rutland County Solid Waste District provides information through it's website about options for C&D material diversion. With ACT 250 requiring C&D waste management on jobs over specific criteria, RCSWD has and will continue to provide option and information for various materials. The Vermont Business Environmental Partnership has also been an outreach tool the District references frequently. A detailed list of contractors/developers has been developed. Post cards have been mailed directly to firms informing them of local options for C&D options. Act 175 has already generated a stream of phone calls for District's approval on demolition projects. District also maintains a membership with the Home Builders & Remodelers Association of Southern VT. The District is invited each year to participate in the Home and Recreation Show to answer questions and provide information.
<b>Expected Timeframe:</b>	Current and ongoing. The District has had a very active C&D diversion element of their campaign since the beginning. And will continue to stay active with builders associations

<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>	Rutland Count Solid Waste District has developed a connection dating back to 2007 with a number of entities that use clean wood chips for energy. The District has a very significant clean wood diversion program well established. The District has developed an active database detailing potential markets for carbon needs to meet ACT 148 requirements. Active sites receiving clean wood include the regional transfer station on Gleason Road in Rutland. Material arrives from throughout the county and beyond because of the low cost for disposal. Other sites that collect clean wood but use permitted burn programs to manage the program include Brandon, Castleton, Clarendon, Mount Holly, Pittsford, Poultney, Proctor and Wells. Discussion has been ongoing to establish a container collection system for the clean wood and move it to the established Gleason Road program.
<b>Expected Timeframe:</b>	ongoing

<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>	The Rutland County Solid Waste District developed an area at the regional transfer station in Rutland for the management of various C&D materials 15 years ago. The District has dedicated roll-off containers that have been used for the collection of clean sheetrock and asphalt shingles. Clean sheetrock has historically been shipped to Newington HN GP Gypsum, Gypsum Recycling in Cambridge MA, and USA Gypsum in Reinholds PA. Discussion is ongoing with the CSWD program and with Meyers C&D in Williston. Currently asphalt shingles are mixed in with the C&D grind that is used in an alternative use at the landfill. Discussion is ongoing with multiple outlets that accept these materials to negotiate the most favorable fees. A local asphalt plant has expressed interest in recycling asphalt shingles and conversation will continue with this end market.
<b>Expected Timeframe:</b>	ongoing

## HHW & CEG

<p><b>H1</b></p>	<p>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.</p>
<p><b>Description of program:</b></p>	<p>The Rutland County Solid Waste District approaches contacting schools through two methods. RCSWD provides rural services for a number of special waste, the roving vehicle driver trained in RCSWD programs. Site visits are preformed both on an on call basis and a convenience style. Information is exchanged detailing what's available and what methods are currently employed. The other approach is the HHW program has two staff during the busier season. During the winter months the two staff visits businesses and schools analyzing current management styles and offering advice. The Rutland County Solid Waste District will use a combination of in-house and contracted services to work with at least 10% of the schools within its boundaries. There are 30 schools within the District. . Of which 6 are private. A comprehensive list along with contacts is attached to this document. Though there isn't a full-time staff dedicated to youth outreach, district staff responds to request for presentations in class, contracted services through NRRRA is being investigated and interns have been employed to provide the service. Contracted services will be primarily responsible for initiating contact and outreach. A detailed data base has been developed with administrative and teachers contacts. A list has also been developed containing "involved" teachers/staff that have been active in the past. The RCSWD and SWAC have worked with the VT DEC EOA, coordinating activities targeting the custodial staff at various schools. The District has historically supplied desk side recycling bins to classrooms and is currently loaning 65 gallon wheeled toters to a couple of schools on a trial basis for their compost programs. Rutland City public schools currently have zero-sort recycling, with the remaining schools using a combination of private haulers or custodial staff transporting recyclables to their local transfer stations. Interns will be contracted to document that schools are collecting the mandatory recyclables and developing tracking on the success. Currently the District has an ongoing relationship with 9 of the public schools. There is a private connection through UVM working on the city schools. District staff has been very active and available providing transfer station and MRF tours for school and interested parties. Casella also has dedicated staff available for tours of the MRF. A tracking spreadsheet is being developed detailing the group visiting, the number of students and also the age/grade.</p>
<p><b>Expected Timeframe:</b></p>	<p>Current and ongoing. The District is actively engaged with 38% of the public schools. The District will reach out to 100% of the District school by the end of the SWIP term. The District has historically been involved with 85% of the public schools before downsizing in 1999.</p>
<p><b>H2</b></p>	<p>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.</p>
<p><b>Description of program:</b></p>	<p>The staff most likely to assume the responsibility of outreach materials will be the recycling coordinator. Much of the material will be information previously available through other agencies. The Rutland County Solid Waste District approaches contacting businesses through two methods. RCSWD provides rural services for a number of special waste, the roving vehicle driver trained in RCSWD programs. Site visits are preformed both on a on call basis and a convenience style. Information is exchanged detailing what's available and what methods are currently employed. The other approach is the HHW program has two staff during the busier season. During the winter months the two staff visit businesses and schools analyzing current management styles and offering advice. The District has a comprehensive list of county businesses and a check list will be kept of all businesses contacted. Other forms of connecting with businesses and institutions is the District website and the local public television system.</p>

<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>Expected Timeframe:</b>	Current and ongoing. The District will update it's website on a regular basis. Contact with businesses is scheduled that year 1 the District will respond to questions/concerns from businesses that have learned of ACT 148 through State informational pieces. Years 2-5 connect with 45 businesses annually

<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>	The Rutland County Solid Waste District approaches contacting businesses through two methods. RCSWD provides rural services for a number of special waste, the roving vehicle driver trained in RCSWD programs. Site visits are preformed both on a on call basis and a convenience style. Information is exchanged detailing what's available and what methods are currently employed. The contact and services of the VT Environmental Assistance Office, Efficiency VT, VT Agency of Natural Resources are all offered through direct mailings, phone calls, site visit referrals and links on the District website. The other approach is the HHW program has two staff during the busier season. During the winter months the two staff visit businesses and schools analyzing current management styles and offering advice on District services for CESQG materials. The recycling coordinator is also in contact with businesses explaining the District services. CESQG materials are NOT allowed to participate in the Rural Rover Collection because of permitting conditions. The District has a comprehensive list of county businesses and a check list will be kept of all businesses contacted.
<b>Expected Timeframe:</b>	The District will update it's website on a regular basis. Contact with businesses is scheduled that year 1 the District will respond to questions/concerns from businesses that have learned of ACT 148 through State informational pieces. Years 2-5 connect with 45 businesses annually

<b>H4</b>	<p><b>Year 1:</b> Establish a minimum of 2 HHW/CEG events per year, or access to a permanent facility.</p> <p><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.</p> <p><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.</p> <p><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.</p> <p><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>
<b>Description of plan for each year:</b>	The Rutland County Solid Waste District has meet and exceeded these expectations since becoming one of the first HHW facilities in the state and will continue to do so. The RCSWD HHW facility is advertised that they're open Tuesday, Wednesday and Thursday year round. Staffing of the facility is Monday thru Friday, and have always accommodated participants during the week. The HHW Rural schedule for 2015 is attached and this format has been followed for years. The next 5 years of the SWIP there won't be changes other than the dates to reflect Saturday's visits. Along with the collection of HHW the depot is also responsible and available for the proper handling of all special waste. There is a very active program accepting non-friable asbestos, batteries, bulbs, HG thermostats, electronics, Freon containing devices, paint, tires, used oil and 1 & 20lb propane tanks.



<b>H4</b>	<p><b>Year 1:</b> Establish a minimum of 2 HHW/CEG events per year, or access to a permanent facility.</p> <p><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.</p> <p><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.</p> <p><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.</p> <p><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>The following towns collect the following:</p> <p>Brandon = lead acid batteries; electronics; used oil</p> <p>Castleton= electronics; tires</p> <p>Clarendon = electronics</p> <p>Danby = electronics</p> <p>Killington = electronics</p> <p>Mount Holly = electronics</p> <p>Pittsford = used oil; electronics</p> <p>Poultney = electronics</p> <p>Wallingford = used oil; electronics</p> <p>Wells = electronics</p> <p>Retailers in the community also accept some types of hazardous material from residents and businesses under the extended producer responsibly program. The material list includes paint, rechargeable batteries, mercury-containing thermostats, mercury-containing lamps and 20 gallon propane tanks.</p>
<b>Expected Timeframe:</b>	Current and ongoing

## Sludge, Septage and Residual Wastes

<b>S1</b>	<p>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.</p>
<b>Description of program:</b>	<p>The Rutland County Solid Waste District will continue to promote the proper disposal of hazardous wastes, pharmaceuticals, and other chemicals (avoiding wastewater and septic systems), as well as providing information about the beneficial uses of Vermont's biosolids and residual wastes. RCSWD will include the information where appropriate in its online and printed materials, ads, and promotions. RCSWD helped plan and coordinate, and participated in the first Vermont Pharmaceutical Take Back Event. RCSWD will continue to support this public outreach effort.</p>
<b>Expected Timeframe:</b>	<p>Ongoing. The District will have throughout the SWIP timeframe information on proper disposal of hazardous, pharmaceuticals and other chemicals. Beginning in year 1 there will be a link on the website providing information on sludge and septage waste management. Years 2-5 of the SWIP the District will provide educational material at all HHW events on the safe disposal of harmful substances.</p>

<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>	The Rutland County Solid Waste District has attended meetings between WWTP's and design engineers for the construction of biodigesters at interested facilities. RCSWD is a member of NOFA and follows a number of trade organizations, learning as much as possible to become better informed on the issues of biosolids. The District has worked with municipal WWTP's on contracts for hauling and disposal of sludge. Conversation will develop on the options available for WWTP's. Currently sludge from municipal WWTP's are trucked to Rutland's WWTP for final treatment before being shipped to Coventry landfill.
<b>Expected Timeframe:</b>	Year 1 of the SWIP the District will participate in Rutland's WWTP discussion on installing a biodigester. Years 2-5 the District will be in conversation with District towns that have WWTP to study the feasibility of installing a digester.

# Check List

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Please make sure all of the following items are included with the SWIP submittal. Further description of each requirement is included in the MMP.

**Tasks** that will be undertaken to complete each performance measure as outlined in each chapter of the MMP (all components of the template above.)

**Timeline** for each task, as well as the deadline for completing the performance measure.

**Disposal rate for the SWME area**

**Solid Waste Facilities Siting Criteria**

**Specify Facilities included in the plan.**

Specify what existing solid waste facilities are “included in” the plan. Describe how proposed facilities will be reviewed for inclusion in the plan.

**Public Participation Plan**

Describe the process used to ensure early and sustained public participation in development and implementation of the plan.

**Ordinances**

- Include copies of local ordinances pertaining to solid waste or materials management.

**Conformance with Other Plans**

- Demonstrate that the Implementation Plan is in conformance with any regional plan(s) adopted in accordance with 24 V.S.A Chapter 117.

**List of solid waste facilities and haulers** that exist to take materials identified as banned in the Universal Recycling law as well as additional non-banned but MMP identified materials (ex: textiles)

**Contact information** for all solid waste haulers and a list of services they provide within their region.

**Variable Rate Pricing Program description and plan for implementation** and any passed or proposed ordinances related to the program.

*Please note that these three check-list items are met by completing a SWIP using the provided template.*

*Entities choosing not to use the template should include these three items throughout their SWIP.*