

2019 Solid Waste Implementation Plan Template & Approval Process

Overview and Approval Process

This template can be used to write a Solid Waste Implementation Plan (SWIP) to be in conformance with the State's 2019 Materials Management Plan (MMP). **Solid Waste Management Entities (SWMEs) are not required to use this template but may find it helpful for SWIP drafting.**

Minimum 2019 SWIP Requirements:

- 1. SWME Performance Standards.** SWIPs must address how each SWME Performance Standard is/will be completed during the SWIP term. SWIPs that adequately address the SWME Performance Standards are considered to be implementing the priorities of this MMP, as further outlined by 10 V.S.A. § 6604(a)(1). SWME Performance standards include all the requirements from 24 V.S.A. § 2202a.
- 2. Solid Waste Facility Siting Criteria.** Describe siting criteria that will apply to solid waste facilities which may be proposed by any public or private entity in the SWME region. As required by 10 V.S.A. §6605(c), siting criteria shall not be less stringent than the criteria in Vermont Solid Waste Management Rules.
- 3. Specify the Facilities that are Included in the SWIP and Describe How Proposed Facilities will be Reviewed for Inclusion.** Explain the process and standards to be used to determine if newly proposed solid waste facilities would be included in the SWIP. The process may reference siting criteria and existing zoning ordinances, may require a host town agreement, or may defer to requirements in the Vermont Solid Waste Management Rules for some or all types of solid waste facilities. The standard(s) for being included in the SWIP should be clear.
- 4. Public Participation in the SWIP Approval Process.** Describe the process to be used to ensure public participation in the development and implementation of the SWIP. The local community should be notified of opportunities to participate in the SWIP development and implementation. In accordance with state statute, SWMEs must hold at least two public meetings on the draft SWIP.
- 5. Ordinances.** Include copies of any solid waste related ordinances with the SWIP.
- 6. Conformance with Other Plans.** Demonstrate that the SWIP is in conformance with any regional plan adopted in accordance with 24 V.S.A Chapter 117. Demonstration may be in the form of a letter from the applicable regional planning commission regarding conformance of the SWIP with the regional plan(s), copies of pertinent sections of the regional plan(s), or other documentation that proves conformance.
- 7. SWIP Reports.** All SWMEs must submit an annual SWIP Report on their Performance Standards and demonstrate completion of all required activities via ReTRAC by July 1st. ANR will provide SWIP Reporting Guidance.

2019 SWIP Approval Process:

1. SWMEs must submit a draft SWIP to ANR by July 1, 2020 that is in conformance with the 2019 MMP.
2. Solid Waste Program staff will review the SWIP and send a letter outlining any unmet requirements.
3. SWMEs are responsible for submitting revised SWIPs within 30 days to address unmet requirements.
4. If the revised SWIP completely addresses all comments in the letter, ANR will recommend it for pre-approval. If the revised SWIP does not address all the comments, a follow-up review letter will be sent and the SWME will have another 30 days to address all comments in a subsequent revision.
5. Once a draft SWIP is recommended by ANR for pre-approval, the SWME must hold two public hearings in its region on the draft SWIP.
6. Upon completion of two public hearings and provided that no changes were made to the pre-approved SWIP, the SWME Board of Supervisors, Select Board or City Council may adopt the draft SWIP, which can then move toward full approval by ANR.
7. The following must be provided by the SWME as proof that public meetings were held in order to move toward final approval:
 - a. dates of at least two public meetings that were held by the SWME warning the draft SWIP, and
 - b. a summary of the meetings.

2019 Solid Waste Implementation Plan Template & Approval Process

8. If no changes were recommended on the draft SWIP at the public meetings, then it can move forward for final approval from ANR. The ANR, DEC, Waste Management and Prevention Division Director will provide final approval of SWIPs via an ANR approval letter. If the draft SWIP is revised in any way, ANR will need to review the changes before moving it forward for final approval.

2019 SWIP Timeline

- SWMEs must submit a draft SWIP that conforms to the 2019 MMP by July 1, 2020.
- All SWIPs must be approved by November 19, 2020.
- During the interim year in 2020 when SWIPs are being written and reviewed, SWMEs must continue to conform to Year 5 of the 2014 MMP with the following exceptions:
 - For Household Hazardous Waste (HHW) collection requirements, SWMEs can choose to meet 2019 MMP requirements or the 2014 MMP's Year 5 HHW requirements.
 - The survey is not required.
 - Drywall collection is not required.
 - Asphalt shingle collection is not required until 7/1/2021.
- 2019 MMP was finalized on November 19, 2019 therefore "SWIP years" for reporting purposes will begin with calendar year 2021 as follows:
 - SWIP Year 1 = Jan. 1 – Dec. 31, 2021
 - SWIP Year 2 = Jan. 1 – Dec. 31, 2022
 - SWIP Year 3 = Jan. 1 – Dec. 31, 2023
 - SWIP Year 4 = Jan. 1 – Dec. 31, 2024
 - SWIP Year 5 = Jan. 1 – Dec. 31, 2025

2019 Solid Waste Implementation Plan Template & Approval Process

SWIP Template

Please describe how you intend to meet the requirements of each MMP performance standard within the 5-year SWIP period. You may write a brief description of a program you will implement or bullet point specific tasks you will complete. Two to three sentences is often 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.

SWME Solid Waste Implementation Plan

Name of SWME	Mad River Resource Management Alliance
Year Chartered (if applicable)	1994
Mission for Sustainable Materials Management	The mission of the MRRMA in materials management is to assist the public and private partnership in reducing to the greatest extent possible the generation and toxicity of waste through education, implementation of programs and common sense.
Names of Member Town(s)	Fayston, Moretown, Waitsfield, Warren Waterbury
<input type="checkbox"/>	Attach cover page once SWIP has been pre-approved with title and date adopted by SWME.

General

G1	<p>Disposal and Diversion Reporting.</p> <ol style="list-style-type: none"> DISPOSAL RATE: To track progress with state waste reduction goals, SWMEs must report their disposal rate in SWIP years one and five. SWMEs may use the method in the <i>ANR Data Guidance</i> to calculate their disposal rate or another method approved by ANR. Disposal rate reports must be based on calendar year data and be submitted to ANR via ReTRAC by July 1st. DOCUMENTATION (only required in annual SWIP reports): <ol style="list-style-type: none"> First (1st) Year SWIP Report: report year 1 annual per person per year disposal rate. Fifth (5th) Year SWIP Report: report year 5 annual per person per year disposal rate. DIVERSION RATE: SWMEs are not required to report diversion rates to ANR; however, it is strongly recommended that SWMEs track their diversion efforts to determine the success of their programs and services.
Plan to submit data:	The disposal rate for the MRRMA uses the ANR Data Guidance to calculate the disposal rate. The current disposal rate is 5.02 lbs/per person/day.

2019 Solid Waste Implementation Plan Template & Approval Process

G2	<p>SWIP Posting & Publicity. To ensure community members are aware of and can access the SWIP, each SWME must—within one month of their SWIP approval—post their approved SWIP on their website and submit one press release about their SWIP to local newspapers within two months of SWIP approval.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. First (1st) Year SWIP Report: supply website link of SWIP and attach press release along with date released and list of newspapers where it was sent.
Plan for Posting and Press Release:	The MRRMA will post our SWIP on the MRRMA website, madriverrma.org within 1 month of approval by the ANR and submit a press release to the Valley Reporter and the Waterbury Roundabout at the same time.

G3	<p>A-Z Waste & Recycling Guide. To ensure community members have access to local information on state disposal bans and how to reuse, recycle, donate, compost, and safely dispose of their unwanted materials, each SWME will develop and maintain an A-Z guide on their website that lists regional management options for various materials. This guide must be updated on the SWMEs website within the first SWIP year and remain accurate throughout the SWIP term. The list must contain, at minimum, information on how to manage, recycle, or divert all state disposal banned items in addition to information on where to recycle/reuse the following materials: clothing/textiles, asphalt shingles and drywall, sharps, pharmaceuticals, and food for donation.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. Provide A-Z website link in annual SWIP report. 2. A-Z website link must be easily found from the district, alliance or town’s website within 2 clicks or fewer from the homepage. 3. Publicize the A-Z Waste & Recycling Guide with at least two forms of outreach annually throughout the SWIP term.
Plan for Updating Webpage:	The A-Z Waste and Recycling Guide will conform to the State’s recommended 2020 A-Z Requirement by the end of SWIP Year 1. The waste and recycling guide is found at the madriverrma.org website.
Plan for Publicity:	The announcement of the annually updated Guide will be presented through our web site madriverrma.org and a press release to the Valley Reporter and the Waterbury Roundabout.

G4	<p>Variable Rate Pricing. SWMEs must implement a variable rate pricing system that charges for the collection of municipal solid waste from a residential customer for disposal based on the volume or weight of the waste collected.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, explain the method used to ensure haulers and facilities are charging residents for trash based on volume or weight.
Description of System:	Each town in the MRRMA has adopted a variable rate pricing ordinance. The prices for disposal of trash and recycling are updated semiannually for three facilities through the Mad River Resource Management Alliance (MRRMA) Newsletter. This shows the price for disposal is higher than the price for recycling by volume or weight.

2019 Solid Waste Implementation Plan Template & Approval Process

G5	<p>Solid Waste Hauling Services. To ensure community members have access to information on solid waste hauling services in their region or town, SWMEs must annually update the contact information and trash, recycling, and food scrap pickup services offered by all commercial solid waste haulers operating within their region on the SWME website. SWMEs may elect to establish licensing or registration programs to accomplish this requirement.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide website link to hauler contact list and services haulers provide.
Description of Updating Process:	The solid waste haulers are identified in the SWIP and contact information will be updated annually. The haulers identified in the MRRMA will be listed in the madriverrma.org website.

Outreach – Recycling, Organics, HHW/CEG, EPR Programs

O1	<p>School Outreach. To ensure all K-12 public and private school children, faculty and staff understand state disposal bans and how to reduce waste, reuse, recycle, compost, donate, and safely manage materials responsibly, SWMEs must annually visit and work with K-12 public and private schools to implement school-wide waste reduction programs — covering, at minimum, disposal ban information, how to recycle correctly, how to separate food scraps for composting, how to reduce wasted food and donate what is appropriate, how to safely manage hazardous waste, and collection options available from Vermont’s Extended Producer Responsibility Programs for electronics, paint, batteries, mercury-containing bulbs and thermostats. SWMEs must assist schools on a continual basis to ensure the effectiveness of waste reduction programs.</p> <p>SWMEs must conduct in-person outreach and education assistance to at least 10% or 2 schools (whichever is greater) within their jurisdiction each year, ensuring that at least 50% of the schools are reached by the end of the SWIP term. SWMEs should prioritize outreach to schools that have not yet been visited. For SWMEs with fewer than 10 schools, assistance should be offered on an annual basis to at least 2 schools per year, with re-visits to schools if all schools in the jurisdiction are reached early in the SWIP term.</p> <p>SWMEs may work with ANR’s Environmental Assistance Office to obtain information and technical assistance on HHW/CEG handling, disposal, waste reduction, recycling, and finding cost effective disposal options.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. Provide a list of schools contacted, dates visited, informational materials provided (such as VT Waste Not Guide), technical assistance or outreach offered, and status of recycling and food scrap diversion programs in annual SWIP report.
Description of Outreach Plan:	There are five public and 1 private school in the MRRMA. There is some waste reduction activity in the area of the collection of recyclables, organics and household hazardous waste. We will continue to work with the Northeast Resource Recovery Association, Grow Compost and other entities in developing programs for the schools annually and will work with the administration and staff to improve the effectiveness of waste reduction in the schools. Grow Compost works with the schools generating food scraps to determine the appropriate containers and programs to implement. The haulers that contract with the schools help determine the appropriate containers for collection of recyclables. Outreach to our schools will include disposal ban information and how to reduce wasted food. We will provide a list of food shelves for donating appropriate schools. All mandated recyclables will be addressed during site visits to ensure that they are diverted from the waste

2019 Solid Waste Implementation Plan Template & Approval Process

<p>O1</p>	<p>School Outreach. To ensure all K-12 public and private school children, faculty and staff understand state disposal bans and how to reduce waste, reuse, recycle, compost, donate, and safely manage materials responsibly, SWMEs must annually visit and work with K-12 public and private schools to implement school-wide waste reduction programs — covering, at minimum, disposal ban information, how to recycle correctly, how to separate food scraps for composting, how to reduce wasted food and donate what is appropriate, how to safely manage hazardous waste, and collection options available from Vermont’s Extended Producer Responsibility Programs for electronics, paint, batteries, mercury-containing bulbs and thermostats. SWMEs must assist schools on a continual basis to ensure the effectiveness of waste reduction programs.</p> <p>SWMEs must conduct in-person outreach and education assistance to at least 10% or 2 schools (whichever is greater) within their jurisdiction each year, ensuring that at least 50% of the schools are reached by the end of the SWIP term. SWMEs should prioritize outreach to schools that have not yet been visited. For SWMEs with fewer than 10 schools, assistance should be offered on an annual basis to at least 2 schools per year, with re-visits to schools if all schools in the jurisdiction are reached early in the SWIP term.</p> <p>SWMEs may work with ANR’s Environmental Assistance Office to obtain information and technical assistance on HHW/CEG handling, disposal, waste reduction, recycling, and finding cost effective disposal options.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. Provide a list of schools contacted, dates visited, informational materials provided (such as VT Waste Not Guide), technical assistance or outreach offered, and status of recycling and food scrap diversion programs in annual SWIP report.
	<p>stream. Two schools will be visited annually in the MRRMA. Our outreach will cover all aspects of the Universal Recycling Act and Extended Producer Responsibility Programs operating in Vermont including electronics; paint; batteries; mercury containing bulbs and thermostats. All schools in the MRRMA will be visited during the SWIP term. The MRRMA continues to provide all the schools information on our HHW collection events and how to reduce HHW and use less toxic alternatives. Establishing a baseline for tracking progress in the schools will be accomplished.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>O2</p>	<p>Direct Business Outreach. To ensure businesses and institutions (hospitals, nursing homes, colleges, correctional facilities, and other large waste generators) understand how to meet State requirements and reduce waste, recycle, compost, donate food/goods, and safely manage materials responsibly, SWMEs must annually conduct business outreach and education either in person or via phone — covering, at minimum, disposal ban information, how to recycle correctly, how to separate food scraps for composting, how to reduce wasted food, how to safely manage hazardous waste, and collection options available from Vermont’s Extended Producer Responsibility Programs for electronics, paint, batteries, mercury containing bulbs and thermostats. SWMEs must provide business outreach and education on a continual basis to ensure the effectiveness of waste reduction programs.</p> <p>SWMEs must conduct business outreach and education to at least 2% or 20 businesses/institutions (whichever is greater) within their jurisdiction each year and reach at least 10% of the businesses and institutions within their region by the end of the SWIP term. For SWMEs with fewer than 20 businesses, all businesses must receive outreach at least twice during the SWIP term.</p> <p>SWMEs should prioritize outreach to businesses that have not yet been contacted or visited or those whose status is not yet known.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide list of businesses/institutions contacted, date contacted, outreach materials provided (such as the VT Waste Not Guide), and the status of recycling and food scrap diversion programs and whether follow up is needed.
<p>Description of Outreach Plan:</p>	<p>There are over 1,159 businesses and institutions in the MRRMA. We commit to contact 2% of these businesses annually and will reach 10% of them by the end of the SWIP term. Contact is made primarily over telephone with recommendations to go online and check the madriverrma.org website and vtrecycles.com site for a variety of educational information. Technical outreach will also be accomplished either onsite or telephonically. As with the schools, the Universal Recycling Act components and the Extended Producer Responsibility Act programs will be covered. Outreach to our businesses will include disposal ban information and how to reduce wasted food. Tracking business recycling and food scrap diversion will be tracked and if necessary followed up with additional actions..</p>
<p>O3</p>	<p>Waste Reduction at Events. To ensure community members have resources to reduce waste, recycle, and divert food scraps from the trash at events, SWMEs must, at minimum, offer technical assistance which could include signage and coordination with local haulers and facilities accepting food scraps. Though not required, SWMEs are encouraged to host waste-sorting stations at events with SWME staff or volunteers or to loan community members basic supplies such as signage and collection bins.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. Provide information on SWME or town website of event waste reduction and diversion resources and services and provide link in annual SWIP report. 2. In annual SWIP report, list events that have received assistance each year.
<p>.</p>	<p>The MRRMA makes Clear Stream Recycling Stations available for events within the MRRMA. The Paint and other reusable material drop and swap will be better publicized in the madriverrma.org website.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

O3	<p>Waste Reduction at Events. To ensure community members have resources to reduce waste, recycle, and divert food scraps from the trash at events, SWMEs must, <u>at minimum</u>, offer technical assistance which could include signage and coordination with local haulers and facilities accepting food scraps. Though not required, SWMEs are encouraged to host waste-sorting stations at events with SWME staff or volunteers or to loan community members basic supplies such as signage and collection bins.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none">1. Provide information on SWME or town website of event waste reduction and diversion resources and services and provide link in annual SWIP report.2. In annual SWIP report, list events that have received assistance each year.

2019 Solid Waste Implementation Plan Template & Approval Process

HHW & CEG Hazardous Waste

<p>H1</p>	<p>HHW Collection Events and Facilities. To ensure community members have convenient access to safely dispose of Household Hazardous Waste (HHW) and Conditionally Exempt Generator Hazardous Waste (CEG), SWMEs must provide a minimum of two (2) HHW/CEG hazardous waste collection events per year or access to a permanent HHW collection facility defined within this MMP as a facility that is open at least one day per week and open at minimum from May through October (ANR may consider approving requests for alternative operating days and seasonal openings and closures of permanent facilities when necessary). SWMEs that provide access to a permanent HHW collection facility in their region, are exempt from the requirement to offer all towns at least one annual collection event within 20 road-miles.</p> <p>Minimum Requirements for SWMEs utilizing Collection Events: SWMEs must offer at least one event scheduled in the spring and one in the fall and events must operate for a minimum of 4 hours. SWMEs who only offer collection events or operate HHW facilities with operating hours similar to collection events must <u>annually</u> provide each of its towns with access to at least one collection event (or to a facility) within 20 road-miles; meaning a maximum distance of 20 road-miles from any point in the town. If a SWME provides additional events above the minimum requirement, waivers to the minimum duration for each event may be considered by ANR. To meet this 20 road-mile convenience requirement, certain regions may need to add collection events.</p> <p>SWMEs may share access to events and facilities provided a signed agreement confirming access by the SWME’s community members is obtained; and provided that an event or facility is within 20 road-miles from any point in a town that would be using that event or facility.</p> <p>In the event an EPR Program is established for certain HHW materials, SWMEs would be required to ensure that collection exists for all <u>other HHW materials not covered</u> by the HHW EPR Program and to meet and maintain the above HHW collection and convenience standards.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide dates of events or link to facility hours on SWME website, number of participants and the amount of HHW/CEG hazardous waste collected.
<p>Description of Collection Plan:</p>	<p>The MRRMA holds HHW/CEG Collection events on the second Saturday in May and the First Saturday in October. The spring and fall events are held at the Harwood Union High School. A licensed hazardous waste contractor is hired to manage the collection, transportation and disposal aspects of the program. MRRMA staff and volunteers collect data on the participants at the events. While the events are for the benefit of the MRRMA residents and CEGs, people from outside the MRRMA are able to dispose of their HHW for a fee. In 2019 a total of 629 households and 20 businesses and institutions participated in the collections. The Earthwise Transfer Station in Waitsfield collects used crankcase oil, primary and rechargeable batteries, cell phones, fluorescent lamps and e-waste. Kenyon’s and Bisbee’s Hardware stores in Waitsfield and Aubuchon’s and Waterbury True Value Hardware collect architectural oil and latex paints and fluorescent lamps. Bisbee’s in Waitsfield collects primary and rechargeable batteries and cell phones. SunCommon and Waterbury True Value Hardware collect primary and rechargeable batteries and cell phones. Empty propane tanks can go to Bisbee’s Hardware and A & J Recycling in Waitsfield, and Rodney’s Rubbish Transfer Station and Redemption Center in Waterbury. Mercury thermostats can go to Kenyons or Bisbee’s Hardware in Waitsfield or Waterbury True Value Hardware in Waterbury. The MRRMA has a written agreement with the Chittenden County Solid Waste District to gain access to the Environmental Depot to ensure MRRMA residents have year round ability to dispose of HHW if necessary. HHW Reports are completed in Re-Trac before the annual deadline.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>H1</p>	<p>HHW Collection Events and Facilities. To ensure community members have convenient access to safely dispose of Household Hazardous Waste (HHW) and Conditionally Exempt Generator Hazardous Waste (CEG), SWMEs must provide a minimum of two (2) HHW/CEG hazardous waste collection events per year or access to a permanent HHW collection facility defined within this MMP as a facility that is open at least one day per week and open at minimum from May through October (ANR may consider approving requests for alternative operating days and seasonal openings and closures of permanent facilities when necessary). SWMEs that provide access to a permanent HHW collection facility in their region, are exempt from the requirement to offer all towns at least one annual collection event within 20 road-miles.</p> <p>Minimum Requirements for SWMEs utilizing Collection Events: SWMEs must offer at least one event scheduled in the spring and one in the fall and events must operate for a minimum of 4 hours. SWMEs who only offer collection events or operate HHW facilities with operating hours similar to collection events must <u>annually</u> provide each of its towns with access to at least one collection event (or to a facility) within 20 road-miles; meaning a maximum distance of 20 road-miles from any point in the town. If a SWME provides additional events above the minimum requirement, waivers to the minimum duration for each event may be considered by ANR. To meet this 20 road-mile convenience requirement, certain regions may need to add collection events.</p> <p>SWMEs may share access to events and facilities provided a signed agreement confirming access by the SWME’s community members is obtained; and provided that an event or facility is within 20 road-miles from any point in a town that would be using that event or facility.</p> <p>In the event an EPR Program is established for certain HHW materials, SWMEs would be required to ensure that collection exists for all <u>other HHW materials not covered</u> by the HHW EPR Program and to meet and maintain the above HHW collection and convenience standards.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide dates of events or link to facility hours on SWME website, number of participants and the amount of HHW/CEG hazardous waste collected.

2019 Solid Waste Implementation Plan Template & Approval Process

<p>H2</p>	<p>Collection of Landfill-Banned and Dangerous Materials. Each SWME shall demonstrate that year-round collection options exist in their region for the following materials: batteries, mercury containing lamps, mercury thermostats, 1- and 20-pound propane tanks, electronics, paint, tires, used oil, and white goods (including discarded refrigerators, washing machines, clothes dryers, ranges, water heaters, dishwasher, freezers). Collection locations can be privately or publicly owned, such as auto parts stores collecting used oil, or hardware stores collecting paint and fluorescent lamps. However, if the only collection location for a required material closes during the SWIP term, then the SWME must provide a collection option for its residents. All collection locations must be open at least one weekday and one weekend day per week. In addition, all outreach promoting the collection of these materials must make clear that the collection of these materials is separate from curbside, or blue-bin, recycling.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide link to SWME’s A-Z Guide’s listings with name, location, phone number, and website (if available) of the locations, by material type.
<p>Plan for Updating Collection Locations:</p>	<p>The various landfill banned and dangerous materials are identified in the MRRMA semi-annual newsletter and in the madriverrma.org website and these materials will be updated annually. 1 Pound empty propane tanks can be brought specifically to the Earthwise and Rodney’s Transfer Stations and A & J Recycling Saturday Collection for proper disposal. This will be identified in the MRRMA Newsletter and the madriverrma.org website to recognize they don’t belong in the recycling bins. The MRRMA commits that all outreach promoting the collection of landfill banned and dangerous materials is separate from curbside or blue-bin recycling.</p>

Food Donation

<p>F1</p>	<p>Food Rescue. To ensure community awareness of food donation centers, SWMEs must, at minimum, list food donation groups on their website (this can be part of the A-Z Guide). SWMEs should contact and collaborate with local food redistribution groups to conduct outreach and education to food businesses and institutions about opportunities to donate quality food within the region to feed people. Related groups include Vermont Foodbank, hunger councils, food shelves, churches, schools, and other nonprofit and community organizations that accept and distribute donated food items.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide link to SWME’s A-Z Guide’s food donation listing, with name, location, phone number, and website (if available) of the food donation centers.
<p>Plan for Updating Website:</p>	<p>The food donation sites are listed in the madriverrma.org website and this will be updated annually.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

Textiles

<p>T1</p>	<p>Textile Reuse and Recycling. To ensure community members have access to textile reuse and recycling centers where used clothing can be donated, SWMEs must annually ensure that at least one collection location exists within their region. Textile reuse/recycling locations can be either privately or publicly owned. However, if the only collection location closes or ceases collection during the SWIP term, then the SWME is responsible for providing a collection option for its residents or partnering with another group that may coordinate an annual drop and swap event. Collection locations can also be shared amongst SWMEs so long as the facility is within the same county or SWME region. SWMEs must list where to donate and reuse/recycle “clothing/textiles” in their A-Z Guides.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide link to SWME’s A-Z Guide’s textiles reuse and recycling listing with name, location, phone number, and website (if available) of the textile reuse and recycling center.
<p>Plan for Ensuring Collection Exists:</p>	<p>The Bargain Boutique located in Waterbury accepts usable clothing. Efforts continue to get additional collection points within the MRRMA. If any additional textile options in the MRRMA become available they will be added as soon as possible to the web site.</p>

Construction & Demolition (C&D)

<p>C1</p>	<p>Leaf, Yard, and Clean Wood Debris Recycling. To ensure community members have options to recycle leaf, yard, and clean wood debris that are banned from landfill disposal, SWMEs must annually ensure that at least one leaf, yard, and clean wood recycling collection location exists within their jurisdiction. This location can be either privately or publicly owned; however, if the only collection location closes or ceases collection during the SWIP term, then the SWME must provide a collection option for its community members. SWMEs must list where to drop off clean wood in their A-Z Guides. Recycling options can include dimensional lumber that is reused, clean wood that is burned to produce heat and/or power for buildings (including wood stoves), clean wood that is chipped to create mulch or compost feedstocks, and other options listed in the state’s Leaf, Yard, and Clean Wood Debris Guide. Collection locations should be co-located with solid waste facilities that collect C&D and trash to make clean wood recycling convenient.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide link to SWME’s A-Z Guide’s clean wood recycling listing with name, location, phone number, and website (if available) of the collection location.
<p>Plan for Ensuring Collection Exists:</p>	<p>There currently are three locations that accept leaf, yard and clean wood debris suitable for recycling. Earthwise Transfer Station and A & J Recycling in Waitsfield and Rodney’s Rubbish Transfer Station and Redemption Center in Waterbury are the three locations. This information is listed in the madriverrma.org website. The MRRMA commits to annually review and update any additional sites.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>C2</p>	<p>Asphalt Shingles and Drywall Recycling.</p> <p>Asphalt Shingles Recycling: To ensure community members have options to recycle asphalt shingles, SWMEs must ensure that at least one recycling collection location exists within their region. Collection locations can be privately or publicly owned. However, if the only recycling collection location closes during the SWIP term, then the SWME must provide a collection option. Collection locations may be shared amongst SWMEs. ANR may suspend this requirement upon finding that insufficient markets exist for these materials.</p> <p>Clean Drywall Recycling: To promote the recycling of clean drywall, SWMEs must list where to drop off clean drywall for recycling in their A-Z Guides (even if drywall recycling collection locations are outside of the SWME region). To encourage development of options for drywall recycling collection, SWMEs must contact drywall recycling collectors once during the SWIP term to determine costs for obtaining drywall recycling collection services in their region.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. In annual SWIP report, provide link to SWME’s A-Z Guide’s asphalt shingles and drywall recycling listing with name, location, phone number, and website (if available) of these recycling collection locations. 2. Fifth (5th) Year SWIP Report: describe contact made to drywall recyclers for costs for recycling option.
<p>Plan for Ensuring Collection Exists:</p>	<p>New scrap and used drywall and asphalt shingles are accepted for recycling at Myers Recycling Facility in Colchester. Earthwise Transfer Station and A & J Recycling in Waitsfield and Rodney’s Rubbish Transfer Station and Redemption Center in Waterbury accept these materials for disposal. The MRRMA commits to listing clean drywall recycling in the madriverrma.org web site within the first year of the SWIP. We commit to establishing collection of asphalt shingles for recycling in the region by July 1, 2021.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

Residuals – Biosolids, Wood Ash, Short Paper Fiber

<p>R1</p>	<p>Residuals Recycling Meetings. To promote the recycling of residual materials, each SWME must attend and help ANR Residuals Program staff host and coordinate at least one regional public meeting on residuals recycling during the SWIP term. ANR Residuals Program staff will help SWMEs organize the meetings, give a presentation, and identify speakers and invitees. SWMEs must reserve a space to hold the meetings and send invitations to water/wastewater and public works employees, town managers, select board members, septic and biosolids service providers, citizens, industrial waste generators, and others as appropriate. ANR Residuals Program staff will collaborate with SWMEs to develop a meeting agenda that best suits the needs or issues of the region and its towns. Meeting agendas could cover the benefits and challenges of recycling biosolids and other residual materials, like stabilized septage, wood ash, and short paper fibers, as well as education campaigns for the public on residual materials and keeping non-flushables and toxics out of the wastewater stream and septic systems.</p> <p>DOCUMENTATION (only required in annual SWIP reports):</p> <ol style="list-style-type: none"> 1. Collaborate with Residuals staff to host/coordinate regional public meeting on residuals recycling. 2. Report date of meeting and list of attendees in 5th year SWIP report.
<p>Plan for Assisting with Meeting Coordination:</p>	<p>MRRMA will work with ANR Residuals Program staff to host and coordinate at least one public meeting on residuals recycling within the MRRMA during the SWIP term. MRRMA will work with ANR Residuals staff to reserve appropriate meeting space, establish an invitation list and develop a presentation and report in year 5 of the SWIP.</p>

Additional SWIP Requirements Outlined in Overview

<p>Solid Waste Facility Siting Criteria</p>	<p>Describe siting criteria that will apply to solid waste facilities which may be proposed by any public or private entity in the SWME region. Siting criteria shall not be less stringent than the criteria in Vermont Solid Waste Management Rules.</p>
<p>Description:</p>	<p>Solid waste facilities in the MRRMA are subject to the siting criteria in the Vermont Solid Waste Management Rules and applicable local, state, and federal permits. All proposed facilities for the MRRMA would also need to be in conformance with municipal planning and zoning requirements.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>Specify facilities Included in SWIP & How Proposed Facilities Will Be Reviewed</p>	<p>Explain the process and standards to be used to determine if newly proposed solid waste facilities would be included in the SWIP. The process may reference siting criteria and existing zoning ordinances, may require a host town agreement, or may defer to requirements in the Vermont Solid Waste Management Rules for some or all types of solid waste facilities. The standard(s) for being included in the SWIP should be clear. Under State law (10 V.S.A. §6605(c)), the Agency shall not issue a certification or recertification for a solid waste facility (except for a sludge or septage land application project) unless it is included in the municipal solid waste implementation plan. <i>Note: The plan should also include any known solid waste landfills which have been closed since 1989 so that they can receive post-closure certifications.</i></p>
<p>Facilities and Process:</p>	<p>In order to include a proposed solid waste facility in the Solid Waste Implementation Plan(SWIP) the MRRMA will revise the SWIP in the following manner: The developer of the proposed solid waste facility formally requests the MRRMA to include the facility in the SWIP; The request is reviewed by the Administrator and/or the Board of the MRRMA. This review could include determining if the proposed facility conforms with municipal planning and zoning requirements; Provide opportunities for public participation; The request is then approved or denied by the Board of the MRRMA; and if the request is approved, notify the Waste Management and Prevention Division by letter that the SWIP has been revised to include the proposed solid waste facility; and using the process described in the SWIP including public participation.</p> <p>Facilities included in the plan include: Earthwise Transfer Station, Waitsfield; Rodney’s Rubbish Transfer Station and Redemption Center, Waterbury; Grow Compost of Vermont, Moretown, Waterbury Wastewater Treatment Plant, Waterbury; Mountain Wastewater Treatment, Inc. Sugarbush Resort, Warren; Ben & Jerry’s Wastewater Treatment Plant, Waterbury. One closed landfill: Moretown Landfill, Inc. in postclosure monitoring, Moretown.</p>

<p>Public Participation in the SWIP Approval Process</p>	<p>Describe the process to be used to ensure public participation in the development and implementation of the SWIP. The local community should be notified of opportunities to participate in the SWIP development and implementation. In accordance with state statute, SWMEs must hold at least two public meetings on the draft SWIP.</p>
<p>Description of Process:</p>	<p>Opportunities for public participation in the development and implementation of the SWIP includes notice in all annual town reports for all the Alliance Towns inviting the public to get involved in the development and implementation of the SWIP. Information on the development of the updated plan with offers to have folks get involved in the plan is included in the MRRMA’s newsletters. Also the public is invited to participate at MRRMA informational booths at various public functions in the MRRMA and at two warned public meetings discussing the MRRMA and the SWIP. Regular articles concerning issues associated with the SWIP, MRRMA, legislative and other issues are developed. The madrivermma.org website and Front Porch Forum are used to also spread the word on the SWIP development. The MRRMA will submit a summary and documentation of the SWIP Public Hearing Process.</p>

<p>Ordinances</p>	<p>Include copies of any solid waste related ordinances with the SWIP.</p>
<p>Copies of Ordinances:</p>	<p>Copies of Solid Waste Ordinances from member towns in the MRRMA were submitted with the 2014 SWIP. No changes have been made.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

Ordinances	Include copies of any solid waste related ordinances with the SWIP.

Conformance with Other Plans	Demonstrate that the SWIP is in conformance with any regional plan adopted in accordance with 24 V.S.A Chapter 117. Demonstration may be in the form of a letter from the applicable regional planning commission regarding conformance of the solid waste implementation plan with the regional plan(s), copies of pertinent sections of the regional plan(s), or other documentation that proves conformance.
Letter or other Documentation:	A copy of the Central Vermont Regional Planning Commission's letter of conformance is attached to this document.



July 22, 2020

John Malter
Mad River Resource Management Alliance
PO Box 210
Waterbury Center, VT 05667

Dear John,

The Central Vermont Regional Planning Commission (CVRPC) has reviewed the *2020 Solid Waste Implementation Plan (SWIP)* as required by the *Conformance with Other Plans* Section of the SWIP. The purpose of this letter is to inform you on the analysis and relative conformance of the SWIP with the relevant Goals, Strategies and Recommended Actions of the *2016 Central Vermont Regional Plan, amended 2018*. The CVRPC has the opportunity to review the SWIP for conformance with the Central Vermont Regional Plan in accordance with 24 V.S.A. Chapter 117.

The CVRPC staff completed a review of the *2020 Solid Waste Implementation Plan (SWIP)* in July, 2020. Based on this review, the CVRPC presents the following comments to Mad River Resource Management Alliance (MRRMA).

The *2020 Solid Waste Implementation Plan (SWIP)* and the *2016 Central Vermont Regional Plan, amended 2018*, contain overarching conforming Goals and Objectives. Waste reduction policies are a priority in the Region through reduction, re-use, recycling, composting, proper management and disposal of solid waste. These policies help minimize detrimental impacts on surface and ground waters, air quality, soil, plant and animal and human communities.

CVRPC found that the SWIP conforms to the following main Policies of the Solid Waste Goal in the Regional Plan:

- Supporting a “zero waste” concept for environmental and economic reasons, as outlined in Vermont’s Universal Recycling Law. The 2020 SWIP commits to “zero waste” strategies including the A-Z Waste and Recycling guide located on the MRRMA. Providing Clean Stream Recycling Stations at events within the MRRMA supports this zero waste goal.
- Promoting education and outreach to schools and businesses on recycling, composting, and proper hazardous waste disposal with an emphasis on individual participation and responsibility. The SWIP commits to providing education to five

- public schools and one private school in the MRRMA on recycling, organics, and household hazardous waste (HHW). Working with Grow Compost and Northeast Resource Recovery Association to develop education programs helps to facilitate this effort. The SWIP also commits to making contact with local businesses and institutions in the MRRMA to educate them on waste management information.
- Managing solid waste as close to the source as possible and to have convenient and de-centralized drop-off facilities. With several transfer stations, close and accessible drop-off and close to hauling are available to residents and businesses of MRRMA.
 - Re-use of various materials to keep them out of the waste stream. The SWIP references the A-Z recycling guide that provides information on how to reuse clothing and packing peanuts.
 - Managing hazardous waste and keeping it away from important regional natural resources. The SWIP plans for two hazardous household waste collection events. The SWIP references several transfer stations which collect various HHW. The SWIP also mentions that many hardware stores in the MRRMA collect some hazardous waste and landfill banned and dangerous materials are listed on the MRRMA website.
 - Other elements of the SWIP conform to the Central Vermont Regional Plan goals to reduce landfill waste such as accepting leaf, yard and clean wood debris for recycling at three locations, food rescue, and other items that are accepted for recycling in the A-Z guide.

Other comments:

According to the Vermont Universal Recycling Law, by July 2020, haulers must offer food scrap collection to specified customers. There is no mention of hauler requirements to this measure in the SWIP Plan and the A-Z guide mentions only that Grow Compost partners with local haulers.

Recommendation: Within the SWIP, specify how haulers will provide these services.

In conclusion, the 2020 SWIP is in conformance with the Central Vermont Regional Plan. The CVRPC encourages the Mad River Resource Management Alliance to proceed with the final stages of plan approval and adoption with the above recommendations incorporated.

Sincerely,



Pamela DeAndrea
Senior Planner