



SOLID WASTE IMPLEMENTATION PLAN

Adopted October 28, 2020

Prepared by:

**Chittenden Solid Waste District
1021 Redmond Road, Williston, Vermont 05495**

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	Chittenden Solid Waste District
Year Chartered (if applicable)	1987
Mission for Sustainable Materials Management	The District's mission is to reduce and manage the solid waste generated within Chittenden County in an environmentally sound, efficient, effective and economical manner.
Names of Member Town(s)	Bolton, Burlington, Charlotte, Colchester, Essex Junction, Essex, Hinesburg, Huntington, Jericho, Milton, Richmond, Shelburne, St. George, South Burlington, Underhill, Westford, Williston and Winooski. CSWD has an agreement with Buel's Gore to include the community in the District's SWIP and to allow the residents of Buel's Gore to use CSWD's facilities and programs at member rates.
<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:	CY2019 MSW Disposal Rate (as reported in 2019 SWIP report): 3.16 lbs/capita/day. CSWD has been completing annual diversion and disposal reports since 1993. The District maintains a materials database called MatTrax to track materials managed at CSWD and other facilities. Disposal data from the scales at the Casella Transfer Station in Williston, the Burlington Transfer Station in Williston, the Myers Recycling Facility and Transfer Station in Colchester and the Waste USA landfill in Coventry are submitted electronically to CSWD monthly. Data for materials delivered to other disposal facilities are reported to CSWD monthly. Using these data, CSWD will calculate its disposal rate for SWIP years one and five and submit the data in the SWIP Reports for those years.

2019 Solid Waste Implementation Plan Template & Approval Process

<p>G2</p>	<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.
<p>Plan for Posting and Press Release:</p>	<p>The SWIP will be posted on CSWD’s website within one week of approval by our Board of Commissioners. A Media Alert will be issued to our 4,000-member email newsletter list, which includes Chittenden County media.</p>

<p>G3</p>	<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.
<p>Plan for Updating Webpage:</p>	<p>CSWD maintains a robust website (www.cswd.net), which includes an encyclopedic A-Z list of materials management options via CSWD programs and facilities as well as through other local, statewide and national options. The list includes all materials noted and it is updated as changes to CSWD facilities occur and as CSWD is notified of changes to other options. By the end of the first SWIP year CSWD will ensure the A-Z list includes 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. We will ensure all keywords from the 2020 A-Z Requirements list are included in the A-Z Guide by the end of SWIP year 1.</p>
<p>Plan for Publicity:</p>	<p>We include posts about items found on our A-Z list in every monthly CSWD Digest email newsletter. We will also publicize this list via at least one other platform annually, which could include Front Porch Forum, social media, print and radio.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>G4</p>	<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.
<p>Description of System:</p>	<p>Haulers are required to submit their variable rate pricing plan to CSWD annually. Hauler’s Licenses are not renewed July 1 if a satisfactory plan has not been submitted. Haulers who fail to maintain a variable rate pricing system may be subject to fines, revocation of license, and/or revocation of waste disposal privileges as specified in CSWD’s Solid Waste Management Ordinance. The provisions of Variable Rate Pricing are as follows:</p> <p>4.6 H. <u>Unit-Based Rates.</u> Drop-Off, Transfer, and Disposal Facilities and Haulers shall charge residential, institutional, and commercial customers based on the volume or weight of Solid Waste destined for Disposal that is collected at rates that provide a reasonable economic incentive to their customers to reduce the amount of Solid Waste destined for Disposal that they generate.</p> <ol style="list-style-type: none"> 1) <u>Residential Rates for Curbside Service.</u> In compliance with 10 V.S.A. §6607a(h), the fees for collection of residential Mandatory Recyclables shall be combined on invoices with fees for Solid Waste destined for Disposal and not itemized. Additional fees for additional service, such as collection of yard trimmings or food scraps, special pickups for bulky items, or backdoor service, are permitted. 2) <u>Residential Rates for Self-Haulers.</u> Operators of Drop-Off, Transfer, and Disposal Facilities shall offer a base unit of Disposal service of 33 gallons or less or offer service by weight of municipal Solid Waste destined for Disposal that is delivered by residents to their Facility. Operators of Drop-Off, Transfer, and Disposal Facilities shall charge per unit of municipal Solid Waste destined for Disposal that is delivered to their Facility and shall charge the same fee per each additional equal unit of Solid Waste destined for Disposal. There shall be no charge for residential Mandatory Recyclables accepted at the Facility. 3) <u>Filing of Pricing System.</u> Haulers shall submit evidence of their residential unit-based pricing schedule annually as part of the licensing process for approval.
<p>G5</p>	<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.
<p>Description of Updating Process:</p>	<p>The list of CSWD-licensed haulers is updated at www.cswd.net annually at a minimum, and whenever a hauler is licensed or is no longer eligible to operate in our District. Each year in May, all CSWD licensed haulers are sent renewals for the upcoming fiscal year starting July 1. Hauler’s License Applications are completed and returned to CSWD and include contact information and services offered in CSWD.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

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

<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. 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>Description of Outreach Plan:</p>	<p>CSWD has one full-time School Outreach Coordinator who has historically provided outreach to more than 50% of the 71 public, private and alternative K-12 Chittenden County schools each year in addition to programs presented to youth at camps, public libraries, field days and other non-school venues. We will provide outreach to a minimum of 50% of District schools by the end of the SWIP term.</p> <p>All schools have recycling programs in place for mandatory recyclables per CSWD Solid Waste Management Ordinance requirements, which exceed those of Act 148. Staff has confirmed that 69 CSWD schools currently have programs in place for managing organics, either via donation to farms, composting on-site, compost pickup/drop-off, or a combination of the above. To maintain and enhance existing programs and establish new programs where needed, the School Outreach Coordinator will provide information and assistance with waste reduction and beneficial materials management to at least eight schools annually via:</p> <ul style="list-style-type: none"> >Technical assistance outreach, including meetings with students, parents, staff and administrators; >Staff, volunteer and student trainings; >Curriculum development assistance and materials (see cswd.net/outreach-education/schools-and-youth/learning-tools/); >Recycling and compost collection system setup and troubleshooting; >Tours of recycling, hazardous waste, drop-off and composting facilities; >Waste sorts; >Grant funding for waste-reduction projects and for publicly accessible or specialized recycling and food scrap collection containers or systems (such as custom-built cafeteria sort stations).

2019 Solid Waste Implementation Plan Template & Approval Process

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	<p>The information and assistance provided will include disposal ban information, how to recycle correctly, how to separate food scraps for composting, how to reduce wasted food and donate what is appropriate, and collection options via VT Extended Producer Responsibility programs for electronics, paint, batteries, mercury-containing bulbs and thermostats. CSWD will provide information to schools annually on reduction of hazardous materials use and responsible disposal via the K-12 Schools Hazardous Waste brochure, the Schools pages of cswd.net, and presentations on this subject.</p> <p>CSWD tracks information on all communications with schools and youth groups in its Outreach Database. Data from this database will be used to fulfill ANR reporting requirements.</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. 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>CSWD’s full-time Business Outreach Coordinator, with assistance from other Coordinators and the District’s Compliance Specialist, will continue to conduct outreach to at least 2% of the District’s roughly 7,000 businesses and institutions each year and will reach at least 10% of businesses and institutions by the end of the SWIP term. The majority of outreach is conducted in person, including site walk-throughs and consultations, staff trainings and presentations, and waste audits and stream analyses.</p> <p>Outreach includes material and technical assistance, informing proprietors, employees, commercial property owners and property management/facilities staff about State and CSWD requirements, best management practices, and maximizing landfill diversion of all solid waste materials.</p> <p>Staff will also use phone, email and direct mail to initiate and follow up on outreach, and will provide resources including posters, decals, brochures and when possible, grant funding for waste-reduction projects and specialized waste-diversion containers. Businesses that are new to the District (or open new locations here) are prioritized for comprehensive outreach covering landfill banned materials, mandatory recyclables, hazardous waste management, relevant EPR programs/materials, and food scrap diversion.</p> <p>CSWD also prioritizes outreach to any business reported by anyone to be in violation of State or CSWD requirements.</p> <p>CSWD tracks information and all communications with businesses and institutions in its Outreach and Enforcement Database, which will be used to fulfill reporting requirements.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>03</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, <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.
<p>Description of Assistance:</p>	<p>CSWD’s full-time Event Outreach Coordinator provides planning assistance to public and private events to help them reduce and properly manage their solid waste and pursue zero-waste goals; trains venue operators, event staff, and event volunteers about solid waste management requirements and best practices; helps event vendors select foodware and adopt zero-waste practices; provides on-site troubleshooting assistance at events; and trains community members to serve as volunteer Waste Warriors at events, educating the event attendees about what items belong in the recycling, compost, and trash collection bins.</p> <p>We offer short-term loans of well-labeled, color-coded collection bins for use at events within the District and our container grant program facilitates the purchase of such containers for events/venues with recurrent or ongoing needs.</p> <p>CSWD’s website highlights these services and provides additional resources, including: tips for reducing waste at events, how to set up waste stations, downloadable signs and labels for containers, information on what can be recycled and composted, how to identify compostable foodware, and sample language for use in event permits and venue reservations to fulfill our SWMO requirement to notify facility users about solid waste management requirements and provide CSWD’s contact information as a resource. CWD Event Outreach information can be found at https://cswd.net/outreach-education/events/</p>

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. 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. 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>CSWD currently meets this performance standard and will continue to operate the Environmental Depot, its permanent collection program for HHW and CEG waste and its mobile HHW collection program, the Rover, throughout the 5-year SWIP period. CSWD will complete the required HHW reports in Re-TRAC.</p> <p>The Environmental Depot is open year-round, 255 days per year, on average. This facility will continue to accept material from households several days per week for a minimum of four hours during each of those days. CEGs (including schools) can drop off hazardous waste by appointment a minimum of one day each week.</p> <p>CSWD’s mobile HHW collection program, the Rover, provides an additional collection service to enhance convenience and access for households. Rover events take place in locations around Chittenden County that don’t have access to the Environmental Depot within 20 road miles. Residents of Chittenden County can participate at any Rover event. The Rover operates a minimum of four hours per event, depending on location. The Rover does not accept CEG waste, with the exception of universal waste.</p> <p>The hazardous waste program is staffed by four permanent employees and several part-time temporary employees. The Depot and Rover programs serve an average of 700 businesses and 9,500 households per-year.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

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	<p>CSWD has been tracking participation and material data for its hazardous waste programs since the Rover began operations in 1991. Staff at the Environmental Depot maintains a database on household and CEG participation, costs, materials managed, and the reuse program.</p>

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>Materials accepted year-round at the Environmental Depot include batteries, mercury-containing lamps, mercury thermostats, 1- and 20-pound propane tanks, electronics, paint, used oil, and all other HHW products as well as hazardous waste from CEGs.</p> <p>In addition to CSWD’s HHW/CEG collection program, some universal wastes will continue to be accepted by at least one CSWD Drop-Off Center; specifically: Used motor oil, mercury-containing lamps, mercury-containing devices including thermostats, lead acid batteries, primary and rechargeable batteries, oil filters, ballasts, and capacitors. In addition, at least one CSWD Drop-Off Center will continue to collect 1- and 20-pound propane tanks, tires, and white goods. These materials may be dropped off in limited quantities by households and businesses year-round.</p> <p>Retailers in the community also accept some types of hazardous materials from residents and businesses under extended producer responsibility programs. Currently this includes paint, batteries, mercury-containing thermostats, mercury-containing lamps, and e-waste.</p> <p>Outreach promoting collection of landfill-banned and dangerous materials will make clear that these materials are not accepted with blue-bin recyclables.</p> <p>Collection locations are included in CSWD’s A-Z Guide on its website. Updates are made as changes to CSWD facilities occur and as CSWD is notified of changes to other options.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

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>CSWD will contact community food shelves, food pantries, and other local food rescue organizations in the District on an annual basis, at minimum, to confirm operating schedules, contact information, and parameters for donations. This information will be posted on CSWD’s website, linked from our A-Z Guide’s “food scraps” entry, and updated annually or as CSWD receives new information. Details posted will be donation-oriented, to provide more information to those with food to discard/donate, in keeping with the District’s waste prevention and reduction mission.</p> <p>CSWD staff will promote collaboration between business owners, event organizers (e.g., farmers market managers), and food rescue organizations to maximize recovery opportunities. Staff will also seek to leverage volunteers and interns, to the extent possible, to move consumable food from generators to the rescue organizations who can distribute it to those in need. We will also continue to work with food rescue organizations to learn how CSWD can assist their efforts in other ways.</p>

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</p>	<p>CSWD currently has a partnership with Salvation Army to collect textiles at all CSWD Drop-Off Centers for reuse and recycling. These facilities are open year-round and accept rags, shoes, linens, and clothing. Goodwill has two collection sites in the District. In addition to these sites and our</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<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>Collection Exists:</p>	<p>Drop-Off Centers, our website includes information on clothing resale shops and charitable organizations that accept clothing for reuse. If private locations close, CSWD will maintain at least one collection program at one of its sites. We will update the A-Z Guide list of textiles reuse and recycling locations annually with the above listed information required for the annual SWIP report.</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>CSWD currently accepts leaves and yard debris year-round at nine facilities in Chittenden County (seven Drop-Off Centers, the McNeil Wood & Yard Waste Depot, and Green Mountain Compost). Clean wood is accepted at five CSWD Drop-Off Centers and the McNeil Wood & Yard Waste Depot. CSWD will maintain a collection program for these materials at one of its sites, at a minimum.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>C2</p>	<p>Asphalt Shingles and Drywall Recycling. 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. 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. DOCUMENTATION (only required in annual SWIP reports): <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>
<p>Plan for Ensuring Collection Exists:</p>	<p>New scrap drywall and asphalt shingles are accepted for recycling at CSWD’s Williston Drop-Off Center. New scrap and used drywall and asphalt shingles are accepted for recycling at Myers Recycling Facility in Colchester. If this private location ceases to accept drywall scrap and/or asphalt shingles, CSWD will maintain a collection program for these materials at one of our sites, at a minimum.</p>

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. DOCUMENTATION (only required in annual SWIP reports): <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>
<p>Plan for Assisting with Meeting Coordination:</p>	<p>CSWD Outreach & Communications staff will work with ANR Residuals Program staff to develop an agenda, host, and coordinate at least one public meeting on residuals recycling within Chittenden County during the SWIP term. CSWD staff will reserve appropriate meeting space, develop a presentation, engage speakers, and issue invitations via our dedicated digital and social media as</p>

2019 Solid Waste Implementation Plan Template & Approval Process

R1	<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>well as direct contact with relevant residuals generators and all stakeholders. We will report on the meeting and provide a list of attendees in the Year 5 SWIP report.</p>

Additional SWIP Requirements Outlined in Overview

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. <u>As required by 10 V.S.A. §6605(c),</u> siting criteria shall not be less stringent than the criteria in Vermont Solid Waste Management Rules.
Description:	Solid waste facilities in the Chittenden Solid Waste District are subject to the siting criteria in the Vermont Solid Waste Management Rules and applicable local, state, and federal permits. The District is not adopting additional siting criteria. The District reviews facility applications during the State Certification process and may provide comment on siting, design, and operating standards as part of that process.

Specify Facilities Included in SWIP & How Proposed Facilities Will Be Reviewed	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.
Facilities and Process:	<p>A public or private entity in the District proposing:</p> <ol style="list-style-type: none"> 1. A new solid waste facility requiring Vermont State: a) Full Certification, excluding sludge and septage land application sites; b) Minor Certification, excluding Insignificant Waste Management Event Approvals; or c) Registration for small composting and organic drop-off facilities; or 2. A significantly modified solid waste facility (as defined below) through an amendment to or renewal of its certification, <p>shall submit the following materials to the District:</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.</p>
	<ul style="list-style-type: none"> <input type="checkbox"/> A letter or email sent to the Executive Director of the District requesting facility inclusion (in the case of new facilities) or re-inclusion (in the case of significantly modified facilities as defined below) in CSWD’s Solid Waste Implementation Plan (Plan). <input type="checkbox"/> A copy of the entity’s completed new, renewal, or amended application for a Vermont solid waste management facility certification to be submitted to the State. <input type="checkbox"/> Evidence of preliminary review by city/town/village and draft host-town agreement, if applicable. <p>CSWD staff will review the submittal using the following criteria:</p> <ol style="list-style-type: none"> 1. Support of the facility by the city/town/village in which it is to be located. 2. Potential impact on public facilities. 3. Potential impact on the public’s access to materials management options. 4. Conformance with Chittenden Solid Waste District’s Solid Waste Management Ordinance and facility license requirements. <p>Staff will provide a draft resolution to the Board for consideration. The District’s Board of Commissioners will either approve or deny the request for inclusion in the Plan by resolution at a regularly scheduled Board meeting, at which the applicant may make a presentation or be available to answer questions. The agendas for Board meetings are posted on the District’s website. The publicly warned Board meetings are open to the public.</p> <p>CSWD will notify the State in writing, in the manner prescribed by the State, of any facility that is included in the Plan after completion of the process described in this section.</p> <p>Facilities currently included in the Plan that apply for an amendment to or renewal of a Vermont State certification of the types listed above that include significant changes shall need to be re-included in the SWIP following the steps above. Significant changes are defined as:</p> <ol style="list-style-type: none"> 1. An addition to the materials accepted, 2. A change in the process used to manage the materials: <ol style="list-style-type: none"> a. a new process b. increasing throughput by 20% or more annually, or 3. A 20% or greater increase in annual growth capacity of the facility. <p>If a previously non-member municipality joins CSWD, its solid waste facilities are not automatically included in this Plan but will be approved on a case-by-case basis by the District Board of Commissioners.</p> <p>A list of facilities included in the Plan will be maintained by the District and is considered part of this Plan. A facility continues to be included in the Plan if it remains in compliance with all local, state, and federal laws, rules, regulations, and ordinances.</p> <p>The facilities currently included in the Plan are:</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.</p>
	<p>CSWD-OWNED OR AFFILIATED SOLID WASTE FACILITIES</p> <p>Vermont Solid Waste Management Facility Certifications Burlington Drop-Off Center, 339 Pine Street, Burlington Essex Drop-Off Center, 218 Colchester Road, Essex Hinesburg Drop-Off Center, 907 Beecher Hill Road, Hinesburg Milton Drop-Off Center, 36 Landfill Road, Milton Richmond Drop-Off Center, 80 Rogers Lane, Richmond South Burlington Drop-Off Center, 87 Landfill Road, South Burlington Williston Drop-Off Center/Special Waste Facility, 1492 Redmond Road, Williston Environmental Depot, 1011 Airport Parkway, South Burlington Latex Paint Processing and Storage Facility, 6 Lime Rock Road, South Burlington Materials Recovery Facility, 357 Avenue C, Williston Burlington Electric Department McNeil Wood and Yard Waste Depot, 111 Intervale Road, Burlington Green Mountain Compost, 1042 Redmond Road, Williston</p> <p>Closed Landfill Requiring Post-Closure Monitoring and Maintenance Chittenden Solid Waste District Landfills, Redmond Road, Williston</p> <p>OTHER SOLID WASTE FACILITIES</p> <p>All sludge management facilities located inside the fence of a municipal wastewater treatment plant are included in the CSWD SWIP, provided the facility does not utilize a process to further reduce pathogens in order to produce Exceptional Quality biosolids for distribution and marketing to the general public.</p> <p>Vermont Solid Waste Management Facility Certifications All Cycle Waste, Inc. Transfer Station, 220 Avenue B, Williston All Season’s Excavating Recycling Facility at Ranger Industrial Park, 1607 Malletts Bay Avenue, Colchester Burlington Transfer Station, 1496 Redmond Road, Williston Enpro Services of Vermont, 54 Avenue D, Williston Frank W. Whitcomb Construction Corporation, 84 Whitcomb Street, Colchester Gauthier Trucking Recycling Facility, 5 Gauthier Drive, Essex Myers Recycling Facility and Transfer Station, 216 Red Can Drive, Colchester City of South Burlington Airport Parkway Wastewater Treatment Facility Upgrade PurposeEnergy Digester Facility at Magic Hat Brewing, 5 Bartlett Bay Rd., South Burlington</p> <p>Vermont Categorical Certification Engineer’s Construction, Inc. Categorical Disposal Facility, Berard Drive, South Burlington Ted Beaudoin’s Categorical Disposal Facility, 262 Middle Road, Milton Town of Underhill Categorical Disposal Facility, Beartown Road, Underhill Parsons Farm Stump Dump Categorical Disposal Facility, 131 Parsons Road, Colchester</p>

2019 Solid Waste Implementation Plan Template & Approval Process

Specify Facilities Included in SWIP & How Proposed Facilities Will Be Reviewed	<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.</p>
	<p>Closed Landfills Requiring Post-Closure Monitoring and Maintenance</p> <p>Burlington Landfill, Manhattan Drive, Burlington Charlotte Landfill, Plouffe Lane, Charlotte Rathe Landfill, 48 Rathe Road, Colchester Rathe/Burlington Landfill, 48 Rathe Road, Colchester Essex Landfill, Landfill Lane, Essex Hinesburg Landfill, Beecher Hill Road, Hinesburg Jericho Landfill, 510 Browns Trace Road, Jericho Milton Landfill, Landfill Road, Milton South Burlington Landfill, Landfill Road, South Burlington Underhill Landfill, New Road, Underhill</p>

Public Participation in the SWIP Approval Process	<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>
Description of Process:	<p>CSWD is soliciting public input on its draft SWIP through several avenues. A web page devoted to the SWIP is live on CSWD's web site (http://cswd.net/swip) and seeks comments from visitors. The public is being notified of the opportunity to comment through a media alert, county-wide Front Porch Forum posting, and in CSWD's monthly e-newsletter.</p> <p>The draft SWIP will be discussed at the CSWD Board of Commissioners meeting in June, 2020, where the public will have the opportunity to comment. CSWD will hold two public hearings after ANR approves CSWD's draft SWIP for adoption and will submit a summary and documentation of the dates of the public meetings to ANR.</p> <p>The public will have a final opportunity to comment on the draft SWIP at the Board of Commissioners meeting when it is considered for adoption.</p> <p>CSWD will continue to conduct household surveys to get feedback on new and existing programs. Suggestions on CSWD programs are always welcome and are received via info@cswd.net, by calling the CSWD Hotline, or communicating with staff at facilities, workshops, tours and presentations.</p>

Ordinances	<p>Include copies of any solid waste related ordinances with the SWIP.</p>
Copies of Ordinances:	<p>A link to CSWD's Solid Waste Management Ordinance may be found on this webpage: https://cswd.net/forms-publications/.</p>

2019 Solid Waste Implementation Plan Template & Approval Process

<p>Conformance with Other Plans</p>	<p>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.</p>
<p>Letter or other Documentation:</p>	<p>Excerpt from 2018 Chittenden County ECOS Plan, Supplement 2 – Regional Analysis, page 69: A sustainable society minimizes the amount and toxicity of the waste it generates, reuses materials, recycles, and composts. The Chittenden Solid Waste District (CSWD) is responsible for the management of solid waste in Chittenden County. The system in the County is a combination of public, private, and public/private programs. CSWD has established a range of programs and facilities to manage waste through reduction, diversion, and proper disposal. CSWD also has identified the need for a regional landfill site (See the CEDS Project list in Supplement 4 for cost estimates, funding sources, and proposed timeline for six CSWD landfill/waste transfer station design and construction projects). The tons of municipal solid waste generated in Chittenden County that are landfilled or incinerated have been increasing over the last 5 years, while the amount of construction and demolition debris landfilled or incinerated has significantly decreased. The amount of materials recycled or composted has increased. It is estimated that 38% of the municipal solid waste sent to the landfill is comprised of recyclable materials and 24% is comprised of organic materials that could be composted (Source: CSWD Estimate of the Components of Solid Waste Disposed for FY 2016). A State law passed in 2012 (Act 148) bans disposal of certain recyclables (effective July 1, 2015), yard debris and clean wood (effective July 1, 2016), and food scraps (phased in over time and completely in 2020) from disposal. Residents and businesses in CSWD have been required to separate yard debris and recyclables from waste destined for disposal since 1993 and clean wood since 2015. CSWD has also banned non-asbestos asphalt shingles, unpainted/unstained plywood, and unpainted/unstained oriented strand board from disposal (2016). The additional bans on food scraps and construction materials are having a significant impact on waste diversion in Chittenden County; however, continued education and new strategies will be needed to maximize use of diversion programs.</p>