

# SOLID WASTE IMPLEMENTATION PLANS

## GUIDANCE DOCUMENT/TEMPLATE

### INFORMATION AND INSTRUCTIONS

#### **Who needs to develop a solid waste implementation plan (SWIP)?**

All Vermont municipalities, either individually or as part of a solid waste district or an inter-municipal association are required to adopt a SWIP. SWIPs document the municipalities waste management facilities and articulate how solid waste will be managed. The Agency of Natural Resources (ANR) has established statewide solid waste management goals, which are contained in the Vermont Solid Waste Management Plan (State Plan). Individual SWIPs must be consistent with the State Plan. The ANR recently adopted a revised State Plan on August 31, 2001 with an effective date of November 1, 2001. SWIPs approved under the 1989 Vermont Solid Waste Management Plan must be revised to conform with the Revised State Plan.

#### **When is the deadline?**

The Revised State Plan establishes an 18 month period from the effective date of the Revised State Plan for preparation and submittal of SWIPs. Complete SWIPs (i.e., addresses all components necessary to be consistent with the Revised State Plan) need to be submitted to ANR by May 1, 2003.

#### **What is the approval process for SWIPs?**

Once a draft SWIP is submitted, the DEC will review your plan for completeness and consistency with the Revised State Plan. If it is consistent with the State Plan, it will be "pre-approved", and you can proceed with adopting the plan in your town(s) or district knowing that DEC will issue a final approval

once adopted. If your draft SWIP is determined not to be consistent with the State Plan, we'll explain what is needed to make it "approvable" and request that the plan be revised and resubmitted. Please submit your draft SWIP to: DEC Solid Waste Program, Planning and Grants Administrator, 103 South Main Street, Waterbury VT 05671-0404. Be sure to keep a copy for your file.

#### **What else do we need to do?**

Local citizens, businesses, institutions and solid waste management facility owners need to be notified of the opportunities to participate in the public process for plan preparation and adoption.

#### **How do we adopt our SWIP?**

When your draft SWIP receives "pre-approval" from DEC, schedule at least two selectboard or district board meetings for public input on the plan. Provide public notice of the meetings and let people know where they can review the proposed plan. You can vote on plan adoption immediately following the 2nd hearing, if desired, or schedule (and provide notice of) another public meeting. Plans that include more than one town must be adopted in each town unless there is a charter, formal agreement or contract authorizing adoption by a board or similar entity. Some towns, districts, or inter-municipal associations may have charters that specify a different SWIP adoption process. You should check your charter, contract, or agreement (if applicable) and follow the process it specifies. Before final approval of your plan, ANR will review any changes made to the SWIP during the adoption process to ensure that it is

still consistent with the State Plan.

### **What time period should our SWIP cover?**

State law directs ANR to revise the State Plan every five years, so SWIPs should be prepared with this time frame in mind. The Implementation Report, which is a component of your SWIP must be revised and submitted to the ANR every two years.

### **How is the Guidance Document Organized?**

As noted previously, towns and districts must adopt SWIPs that are consistent with the Revised State Plan. This guidance document provides a template of what SWIPs must address to be in conformance with the State Plan. The template includes the following components:

- Section 1. Implementation Report (required every 2 years)
- Section 2. Waste Diversion Action Plan
- Section 3. Biosolids and Septage Management Plan
- Section 4. Household Hazardous Waste, Conditionally Exempt Generator Waste, Landfill Banned and Special Waste Plan
- Section 5. Unit Based Pricing Plan for MSW
- Section 6. Buy Recycled Plan
- Section 7. Illegal Disposal Plan
- Section 8. Solid Waste Facilities Siting Criteria
- Section 9. Specify Towns Included in the District or Intermunicipal Association
- Section 10. Specify Facilities Included in the Plan
- Section 11. Budget and Timeline
- Section 12. Public Participation Plan
- Section 13. Conformance with other Plans
- Section 14. Attachments

The Implementation Report component of your

**10/22/2010 VERSION** – for public distribution

SWIP provides the ANR with current information about solid waste management in your town, inter-municipal association, or district. In order to keep track of your progress and performance, the Revised State Plan requires Implementation Reports be submitted every two years.

### **Do we have to use this format?**

No. This guidance document/template is intended to make SWIP requirements clearer and development of your SWIP easier. It is available on the DEC website along with instructions at

[www.anr.state.vt.us/dec/wastediv/solid/home.htm](http://www.anr.state.vt.us/dec/wastediv/solid/home.htm)

for you to download and complete. However, you are not required to use it if you prefer to develop your own format. If you choose another format, your plan must address and be consistent with each component in the State Plan to be "approvable". You can use the template as a checklist in preparing your plan. Because of the changes in the State Plan since 1989, and changes in solid waste management locally and statewide, it is not recommended that you try to revise your "old" SWIP, unless you have been consistently updating it through the years.

### **Questions? Need help?**

**You may need to refer to the Revised State Plan for definitions, clarity, or suggestions as you develop your SWIP. For additional help, contact the Solid Waste Program, Planning and Grants Administrator at 241-4221, or e-mail [jefff@dec.anr.state.vt.us](mailto:jefff@dec.anr.state.vt.us)**

### **Solid Waste Program website:**

[www.anr.state.vt.us/dec/wastediv/solid/home.htm](http://www.anr.state.vt.us/dec/wastediv/solid/home.htm)

**SOLID WASTE IMPLEMENTATION PLAN (SWIP)  
for**

**Town(s), Alliance, or District: Town of St. Albans**

**Dated: 10/25/2010**

**Adopted: 10/25/2010**

**Approved: \_\_\_\_\_**

*for DEC use only*

*Note: The DEC recommends you wait to adopt the plan on the local or district level until it is pre-approved by DEC (found consistent with the Vermont Solid Waste Management Plan).*

This plan has been developed to manage solid wastes in the municipality/municipalities of (list municipalities) **St. Albans** in conformance with the Vermont Solid Waste Management Plan (2001).

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**Title: Town Manager**

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In order to be consistent with the Revised Vermont Solid Waste Management Plan, this plan describes how St. Albans (list town(s) or district) will achieve the following priorities (in descending order) of Title 10 V.S.A. Section 6604(a)(1):

1. The greatest feasible reduction in the amount of waste generated;
2. Reuse and recycling of waste to reduce to the greatest extent feasible the volume remaining for processing and disposal;
3. Waste processing to reduce the volume or toxicity of the waste stream necessary for disposal;
4. Land disposal of the residuals.

This plan includes the following components:

Section #	SWIP COMPONENT	Page #
1.	Implementation Report (to be submitted every 2 years)	
2.	Waste Diversion Action Plan	
3.	Biosolids and Septage Management Plan	
4.	Household Hazardous Waste, Conditionally Exempt Generator Waste, Landfill Banned and Special Waste Plan	
5.	Unit Based Pricing Plan for MSW	
6.	Buy Recycled Plan	
7.	Illegal Disposal Plan	
8.	Solid Waste Facilities Siting Criteria	
9.	Specify Towns Included in the District or Inter-Municipal Association	
10.	Specify Facilities Included in the Plan	
11.	Budget and Timeline	
12.	Public Participation Plan	
13.	Conformance with other Plans	
14.	Attachments: <i>(specify)</i>	

**SECTION 1. IMPLEMENTATION REPORT FOR St. Albans  
(town(s) or district)**

**Implementation reports are part of your SWIP and are submitted to ANR with your SWIP. In order to track future progress and performance, and to remain in conformance with the state plan, implementation reports are required to be updated and submitted to ANR every two years from the date the ANR approves your SWIP.**

- A. Calculation of the total annual disposal tonnage for municipal solid waste generated in our town(s) or district:

**TABLE 1**  
**TOTAL ANNUAL MSW DISPOSAL ESTIMATE** for calendar year 2010  
 Include MSW that is landfilled or incinerated only.  
 Do not include waste that is recycled or otherwise diverted from disposal

FACILITIES/SERVICES USED	ESTIMATED ANNUAL TONNAGE
Curbside Pickup – residential	2491.51 tons (est.)
Curbside Pickup – commercial	921.52 tons (est.)
Mobile solid waste collection operations ("fast trash" collections)	n/a
In-District or In-Town transfer stations/drop-offs/landfills	n/a – not a member of district and no local landfill/transfer station sites
Out-of-Town or Out-of-District facilities accepting waste from your town or district	Highgate Transfer Station, Hyde Park Transfer Station, WSI Landfill, Burlington Area Transfer Station
<b>TOTAL ANNUAL MSW DISPOSAL ESTIMATE</b>	3,443.03 tons

*Notes: Take care to avoid double-counting; for example, if a curbside hauler or fast trash operator takes the waste to your transfer station, don't count it twice.  
MSW – municipal solid waste*

- B. Calculation of the per capita disposal rate for municipal solid waste generated in our town(s) or district:

**TABLE 2**  
**PER CAPITA MSW DISPOSAL (i.e., landfilled or incinerated) ESTIMATE**  
for calendar year **2010**

1.	Total annual disposal estimate in tons <i>(from Table 1)</i>	3443.03 tons/year
2.	Total annual disposal estimate in pounds <i>(multiply line 1 by 2000)</i>	6,886,060 pounds/year
3.	Year round population in 2000	5324
4.	Seasonal population in 2000	384 seasonal homes * 2.68 = 1029 seasonal residents
5.	Total adjusted population year round population + (seasonal population)(% of yr)	<b>6353</b>
6.	<b>Estimated Annual per Capita MSW Disposal</b> <i>(divide line 2 by line 5)</i>	<b>1084 lbs./person/year</b>
7.	<b>Estimated Daily Per Capita MSW Disposal</b> <i>(divide line 6 by 365)</i>	<b>2.96 lbs./person/day</b>

C. List the generators of sludge and septage located in your town/district.

**TABLE 3**  
**INVENTORY OF SLUDGE AND SEPTAGE GENERATORS IN TOWN/DISTRICT**  
 for calendar year **2010**

Generators	Total Annual Amount Generated	Location of Generators	Present Final Management Option(s) <sup>1</sup>
<b>Biosolids</b> (facility name):			
<b>Septage</b> <sup>2</sup>			
<b>Non-sewered facilities</b>	356020 gals	<b>Non-sewered facilities</b>	<b>Treatment at St. Albans city plant</b>
<b>Other Sludges</b>			
(e.g., paper sludge, sludge from dairy wastewater, etc.)			

1 Identify the management options as either 1) land application, 2) composting or further treatment, 3) landfilling or use as landfill cover, 4) incineration or 5) other.  
 2 Estimate the quantity based on 70 gallons of septage per person using a septic system. You may identify septage generators as "households and other non-sewered buildings throughout the town or district".

D. List the facilities that manage sludge and/or septage in your district.

**TABLE 4**

**SLUDGE AND SEPTAGE MANAGEMENT FACILITIES IN TOWN/DISTRICT**

*List all facilities (i.e. destinations) located in the town/district used to manage biosolids, septage, and other residuals waste, regardless of whether the waste is generated in the town/district. Please note that municipalities that are not within your town/district may have land application sites located within your town/district which should be included in this inventory.*

<b>Facility for Final Management</b>	<b>Location</b>
Land Application Sites:	
Composting Facility:	
Landfill:	
Incinerator:	
Other	

E. Calculation of biosolids (wastewater treatment plant sludge) beneficial use rate:

**Note:**  **Check here and skip to item F if no wastewater treatment plant sludge is generated in your town(s) or district.**

**TABLE 5**  
**BIOSOLIDS BENEFICIAL USE RATE** Data Year:  
*Report final destination(s) for all biosolids generated in your town/district, but not the amount imported into your town/district.*

1.	Tons of biosolids landspread	dry tons *
2.	Tons of biosolids composted (or otherwise treated to achieve "Class A" and qualify for distribution to the public)	dry tons
3.	Tons of biosolids beneficially used <i>(add lines 1 and 2)</i>	dry tons
4.	Tons of biosolids landfilled	dry tons
5.	Tons of biosolids used in landfills <i>(e.g., as daily cover)</i>	dry tons
6.	Tons of biosolids incinerated	dry tons
7.	Tons of biosolids disposed <i>(add lines 4, 5 and 6)</i>	dry tons
8.	Total tons of biosolids generated <i>(add lines 3 and 7)</i>	dry tons
9.	Biosolids beneficial use rate <i>(divide line 3 by line 8 and multiply by 100)</i>	%

\* Note: To convert wet tons to dry tons: (wet tons) x (actual % solids in decimal form) = dry tons  
*For example: to convert 10 wet tons at 5% solids to dry tons: 10 wet tons x .05 = 0.5 dry tons*

To convert gallons to wet tons, multiply the number of gallons by 0.004

F. Current prices of public or private sector solid waste services used by residents of the town or district (pay-per-bag, per ton, recycling, special waste or other fees):

**TABLE 6  
CURRENT PRICES  
for Highgate Transfer Station (closest solid waste facility to SAT)**

MATERIAL	FACILITY/SERVICE	COST TO USER (change units below as appropriate)
MSW (municipal solid waste)	residential curbside pickup	\$31.80/month/120 gal/weekly <sup>1</sup>
	fast trash temporary trash drops	Not applicable
	In-district or In-town transfer stations/drop-offs/landfills	St. Albans Town is not a district member and has no solid waste disposal facilities within Town.
	Out-of-town or out-of-district facilities accepting town or district waste	\$3.50/30 gallon bag \$1.75/15 gallon bag
recyclables		\$1.35 bin/\$66.52 ton
construction/ demolition debris		\$103.17/ton
tires		\$4.35/auto tire \$34.85/ tires w/rims \$7.20/truck tire \$17.50/tractor tire

<sup>1</sup> Example: \$25/month/35 gallon container/weekly pickup

**TABLE 6  
CURRENT PRICES**

**for Highgate Transfer Station (closest solid waste facility to SAT)**

<b>MATERIAL</b>	<b>FACILITY/SERVICE</b>	<b>COST TO USER (change units below as appropriate)</b>
appliances		\$17.50 per item
compostables		

G. Current destinations for all wastes and recyclables collected at town/district facilities, and current transportation and tipping (disposal) fees paid by town(s) or district:

**TABLE 7  
CURRENT WASTE DESTINATIONS**

<b>MATERIAL</b>	<b>DESTINATION FACILITY (name the specific landfill, transfer station, etc., not the hauler)</b>	<b>FEE PAID</b>
<b>MSW</b>		
	Highgate Transfer Station (closest facility for residential drop-off), Hyde Park Transfer Station, Burlington Area Transfer Station, Moretown Landfill	<b>\$91.69/ton</b>
<b>Construction/ Demolition Waste</b>	See above	<b>\$103.17/ton</b>
<b>Tires</b>	St. Lawrence, Canada	<b>See above – table #6</b>
<b>Recyclables (specify)</b>	Chittenden MRF & Canusa	
<b>Other <sup>1</sup> (specify)</b>		

H. Contracted or anticipated disposal facility (or facilities) for MSW and construction/demolition debris for the next 5 years:

MSW: **Not a municipal service**

C/D waste: same

I. HHW/CEG Collection Programs

Note: At a minimum, collections need to be available to households and conditionally exempt generators twice a year.

Collection programs for household hazardous wastes, conditionally exempt generator wastes, landfill banned wastes, and special wastes generated in our town(s)/district are provided by:

Permanent collection/drop-off facility:

Location

Dates/hours available

HHW/CEG Collection Days

Date of last 2 collection events: May 2010 & September 2010

Location(s): Town Garage

Number of collection days/year: 2

Date of next collection event: May 2011

Location(s): Same

Other

Describe:

J. Summary of illegal disposal (illegal dumping and burning) problems:

***There are no chronic illegal dumping/burning issues in St. Albans.***

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1 Do not include information on household hazardous wastes and conditionally exempt generator waste

## **SECTION 2. WASTE DIVERSION ACTION PLAN**

*To meet the 50% statewide waste diversion goal, ANR estimates that the average per capita municipal solid waste disposal rate statewide will have to be reduced from 3.4 pounds per person per day to under 2.7 pounds per person per day. In order to meet this goal, all towns/districts must take steps to divert MSW generated in their jurisdiction from disposal. (See the Revised State Plan, Section II, Critical Issue 1 for more information.)*

**Municipal Solid Waste (MSW)** means combined household, commercial and industrial waste materials generated in a given area.

### **WASTE DIVERSION ACTION PLAN**

The current per capita disposal rate for our St. Albans Town is 2.96 pounds per person per day (use estimate developed in Table 2, Section 1(B)).

*The goal of this action plan is to reduce the per capita disposal rate for municipal solid waste generated in your town(s) or district. You should consider, at a minimum, the programs listed below. Given your town's, district's, or inter-municipal association's personnel, financial and other constraints, please list the action steps you will take toward achieving the goal of increasing waste diversion and minimizing your per capita MSW disposal rate.*

**A. Goal:** Reduce waste generation and reduce toxics use.

**Action Steps:**

**The Town of St. Albans will continue with its efforts begun with the adoption of the existing Solid Waste Plan in 1994. The mainstay of this existing system is waste generator education heavily reliant on educational efforts for private homeowners, the public school and a small number of hazardous waste generators through the efforts of the Town's Solid Waste Management Committee.**

**The Town of St. Albans will also review the efforts of the VT DEC to determine**

whether recommended strategies meet with the aims and goals of the Town of St. Albans, as well as whether those potential methods provided would be cost effective.

As has been the case in the past, the Town of St. Albans will be heavily reliant on state information made available through the Agency of Natural Resources. The Town of St. Albans also intends to continue to pursue its program of annual workshops for businesses generating hazardous wastes. In the past these workshops have addressed the following topics:

- Available management and disposal options
- Preferred management strategies for specific waste stream
- Toxic use elimination and reduction
- Packaging and manifesting requirements
- Economic and technical feasibility considerations
- Cooperation and management opportunities
- Update of regulatory requirements

The Town of St. Albans anticipates that it will continue to request staff assistance for these workshops from ANR.

**B. Goal:** Increase reuse.

**Action Steps:**

To ensure that businesses and residents of the Town of St. Albans are aware of the opportunities available to them regarding the reuse of materials that would typically be landfilled, the Town will send a list of organizations that promote materials reuse to residents with the annual Town Report beginning in 2008. Other programs/opportunities available to increase reuse, as identified in the NWSWD SWIP include:

- Buyer's Digest (a regional free weekly)
- Vermont Business Materials Exchange (VBMX)
- Internet swap/auction sites like Craig's List or E-bay
- local yard sales
- local auctions
- used furniture stores

- weekly “swap-show” on WLFE

**C. Goal:** Increase the residential (single and multi-family) recycling participation rate, capture rate, collection efficiencies and types of materials recycled.

**Action Steps:**

St. Albans residents are provided with curbside recyclable service through many of the Town’s private haulers. Town residents are also provided options for recycling for a fee via drop-off at the Highgate Transfer Station. Materials that can be dropped off for recycling at the Highgate Transfer Station are:

- Cardboard, including corrugated and board box
- Glass containers
- Newsprint
- Office paper, including white, colored and mixed office paper
- Metal food and beverage containers
- Plastic containers made from high density polyethylene and polyethylene terephthalate (PET)
- Leaves

The Town of St. Albans will also continue to pursue the strategies outlined in the 1994 Solid Waste Plan. These strategies include continuing education through school programs, workshops and mailings/newspaper inserts. The Town intends to distribute to residents a list of recyclables accepted for a fee at the HTS with copies of the Annual Town Report.

In the event that these efforts are judged to be ineffective in reducing the waste stream, the Town of St. Albans will require local waste haulers to obtain a town ‘license’ that would require all haulers to provide curbside pickup of recyclables as part of the services offered. The Selectboard will discuss the progress on this goal in October of 2011, based on public comment as well as the required implementation report and take steps to implement the licensing process at that time should adequate progress not be made. The process for implementation will involve meetings between the Selectboard and area haulers and representatives from Casella/HTS to discuss drafting an effective licensing program. A draft will be created by

municipal staff, and a series of public hearings on the issue will be held. Following the hearings process, an ordinance will be adopted and enforced by municipal staff (enforcement staff to be determined during the ordinance development process) with the cooperation of Casella/HTS staff and ANR when possible.

Residents may contact either the Town Manager at 527-8346 or the Highgate Transfer Station at 868-3200 with any questions related to recyclables.

**D. Goal:** Increase the seasonal home/resort participation rate.

**Action Steps:**

As with the year round residents, the seasonal and resort residents in the Town of St. Albans dispose of their waste via private contractors which dispose of the collected waste at the Casella operated transfer station in Highgate. The Town will duplicate its efforts using a mailing to notify seasonal residents and resorts of the recyclables that can be brought to the HTS for a fee. This informational flyer will also notify seasonal residents of Town and HTS contact information, hours of operation and pricing.

**E. Goal:** Increase the commercial recycling participation rate, capture rate, collection efficiencies and materials recycled.

**Action Steps:**

The Town of St. Albans intends to increase the commercial recycling participation, capture rate, collection efficiencies and materials recycled via the existing educational regime as described previously. The Town of St. Albans will work with the Vermont Agency of Natural Resources in order to ensure that any waste reduction workshops put on by the town in cooperation with VT ANR includes information on assistance programs like the Business Materials Exchange. Current plans involve hosting an annual educational workshop to be conducted in partnership with Casella Waste Systems Inc. similar to past workshops, which have addressed the following topics:

- Available management and disposal options
- Preferred management strategies for specific waste stream

- Packaging and manifesting requirements
- Economic and technical feasibility considerations
- Cooperation and management opportunities
- Update of regulatory requirements

The Town of St. Albans also envisions a decrease in the amount of waste generated once the Town of St. Albans and VT ANR implements an effective unit based pricing program for waste collection and disposal.

- F. Goal:** Increase the institutional recycling participation rate, capture rate, collection efficiencies and materials recycled.

**Note:** *institutions include schools, governments, hospitals, etc.*

**Action Steps:**

As with all other items contained in this 'action plan' section of the Town of St. Albans Solid Waste Implementation Plan, all efforts to increase participation rates must begin with education of the waste generators as previously described through distribution of information. Additionally, the Town will work with the school to ensure that recyclables are collected separately according to the contract terms with the school's haulers. Unfortunately, collection of recyclable materials and their subsequent recycling is only one portion of the waste reduction equation – reuse of those recycled material being the other. Efforts must be undertaken at the state and national level to ensure that a viable recyclables market is established and maintained – since pricing for disposal is set in a market much larger than the one in which the Town controls.

- G. Goal:** Prevent the incineration or disposal of marketable recyclables.

**Action Steps:**

The Town of St. Albans intends to rely on the measures already in place in town – the illegal burning/dumping ordinances and the screening program performed at the licensed Vermont waste transfer stations, like the Highgate Transfer Station. As previously stated, the town intends to use the educational programs currently in place to further this goal.

**H. Goal:** Increase construction/demolition debris reduction, reuse and recycling.

**Action Steps:**

The Town of St. Albans will work closely with the State of Vermont in reviewing suggested strategies for reducing the C&D waste generation for possible implementation in St. Albans. As a service to the community, the Town of St. Albans' Zoning Administrator will make advertising materials from the organizations like Recycle North C&D Materials recycling program available to building permit seekers at the Town offices.

**I. Goal:** Increase organic waste recycling (leaf/yard, food waste, brush, stumps, appropriate papers).

**Action Steps:**

The Town of St. Albans will take advantage of the VT ANR's incentive grant programs to promote off-site composting options through the Town's annual educational brochure and by other programs, such as distribution of compost bins at no or reduced rate prices as conditions warrant (ie: funding becomes available through various grant programs). The town will also continue the educational campaign by alerting residents and businesses to Agency grant and technical assistance programs for start-up or expansion compost facilities, collection programs, equipment and employee training. St. Albans will use its annual mailing to residents on other waste related issues to bring attention to ANR's online *Compost Center* (<http://www.anr.state.vt.us/dec/wastediv/compost/main2.htm>) to provide residents and businesses informational resources related to composting options available, as well as inform them of compost sharing opportunities.

**J. Goal:** Implement an ongoing waste diversion education/information/ outreach program for schools, youth, consumers and businesses.

**Action Steps:**

As previously stated in this plan, the Town of St. Albans intends to accomplish this education goal through an information officer designated by

the St. Albans Board of Selectmen. This individual could be a member of the SSWMC, town employee, or volunteer from the school or community. The target audience for the dissemination of information will be households, exempt small quantity hazardous waste generators and the public schools (information).

Households will have the list of items prohibited from disposal in landfills and other waste management issues. Brochures and flyers will be prepared to disseminate this information to all households either through general mailings to the grand list or through the waste haulers customers list if provided. Information is available at the HTS. Information is also available at Town Meeting where solid waste management is deliberated upon as a budget item and voted upon by the residents (public participation). Currently the town publishes a flyer that includes specific information on the hours of operation at the HTS, materials accepted, the Vermont Recycling Hot Line number and other pertinent information. This program will continue to be undertaken annually with assistance from the VT ANR and distributed by the Town of St. Albans.

Workshops for businesses generating hazardous waste will be given annually or more frequently if necessary to obtain the full cooperation of the business community. At a minimum, the workshop will address the following issues:

- available management and disposal options
- preferred management strategies for specific waste stream
- toxic use elimination and reduction
- packaging and manifesting requirements
- economic and technical feasibility considerations
- cooperation management opportunities
- update of regulatory requirements

The information program in the local schools will consist of materials supplied by the State of Vermont which develop an awareness of the solid and hazardous waste generated in the schools. The training materials will include a description of the composting process, identification of hazardous waste and toxic materials used in the home and school. The information officer

may work on a cooperative basis with staff members according to School Board policy. Materials for distribution, as approved by the School Board, shall be supplied by St. Albans Town with the assistance the State of Vermont Agency of Natural Resources or State Education Department. The school will be supplied with a copy of the program as prepared and made available by the Association of Recyclers, Vermont Institute of Natural Sciences, or VT ANR. The Town will request staff assistance from ANR to conduct workshops for the business community.

### **SECTION 3. BIOSOLIDS AND SEPTAGE MANAGEMENT PLAN**

***Develop and describe an action plan for the management of septage (septic tank pumpings) and biosolids (wastewater treatment plant sludge) generated in the municipality: (See the Revised State Plan, Section II, Critical Issue 7 for more information.)***

A. *There are several options for managing biosolids, septage, and other sludges. Some towns/districts use a combination of options that are within their area and outside their area. Using the checklist below, check all acceptable options for managing biosolids, septage, and other sludges generated within the town/district, even when the option is located outside your town/district.*

**TABLE 8 <sup>1</sup>**  
**ACCEPTABLE MANAGEMENT OPTIONS FOR SLUDGE AND SEPTAGE**

Management Option	Check if Acceptable
Land Application	<input checked="" type="checkbox"/>
Composting or Further Treatment to Qualify for	<input checked="" type="checkbox"/>

<sup>1</sup> Choosing an option as acceptable does **NOT** mean the town/district has to site such a facility nor does it mean specific facilities are "included in" the SWIP. Use Table 12 to list facilities "included in" the SWIP.

Distribution	
Landfilling or Use as Landfill Cover (both require dewatering)	<input checked="" type="checkbox"/>
Incineration	<input checked="" type="checkbox"/>
Regional septage receiving and/or treatment facility	<input checked="" type="checkbox"/>
Other wastewater treatment plants	<input checked="" type="checkbox"/>
Other (specify)	<input type="checkbox"/>

B. *What percentage of biosolids generated at wastewater treatment plants are currently beneficially used? (Percentage calculated in Line 9 of Table 5 in Section 1(E))*  %

C. *Identify barriers to the beneficial use of biosolids in your district, multi-town alliance, or town. What steps will be taken to address these barriers and increase the beneficial use of biosolids.*

St. Albans is faced with the same dilemmas that other rural municipalities faced with the issue of biosolids disposal are faced with: no municipal sewage facilities for certain portions of the town not connected to the City of St. Albans sewage system. The State of VT has sole authority to determine where and what types of systems will be permitted, therefore the Town does not have jurisdiction over private septic systems. Obviously, as with the other modes of waste, St. Albans has the option of generator education at its disposal to reduce the amount and types of wastes generated and their potential for re-use in another application.

Other issues facing St. Albans are questions regarding the biopersistence and bioaccumulation of heavy metals and medication in treated sludge. With the increased use of myriad medications over the past decade –including the use of synthetic hormones, concerns have been raised by the public at large over potential environmental side effects of such materials in varied quantities will have on the surrounding environment. Currently the Town disposes of its septage via treatment at the St. Albans City treatment facility.

*D. How will the municipality identify and reduce sources of contaminants in biosolids generated in the municipality?*

See above.

*E. Describe the municipality=s plan for public outreach on biosolids and septage management.*

The Town of St. Albans intends to embark on an education campaign similar to that envisioned/currently in use regarding municipal solid/household hazardous wastes. The Town of St. Albans will also be heavily reliant on the Vermont Agency of Natural Resources for support and guidance on further outreach efforts – i.e.: technical assistance, staff attendance at potential workshops for residential and commercial producers and potential grant funds.

## **SECTION 4. HOUSEHOLD HAZARDOUS WASTE, CONDITIONALLY EXEMPT GENERATOR WASTE, LANDFILL BANNED AND SPECIAL WASTE PLAN**

### **Definitions:**

**Household Hazardous Waste (HHW)** is a solid waste generated by a household that has some of the characteristics of hazardous wastes. These characteristics include wastes that are ignitable, corrosive, reactive and toxic. Automotive fluids and batteries, household chemicals (such as toilet bowl cleaners, bleach, pool chemicals, etc.), oil-based paint, mercury, and electrical products with hazardous components are some examples of HHW that is generated by households. The Solid Waste Rules (effective date January 15, 1999) define HHW as waste that would be subject to regulation as hazardous waste if it were not from households.

**Conditionally Exempt Generator Waste (CEG Waste)** means hazardous waste generated (typically by a business or institution) that is conditionally exempted from certain provisions of the Vermont Hazardous Waste Management Regulations. CEG's must generate less than 220 pounds of hazardous waste, or 2.2 pounds of acutely hazardous waste and CEG's must not accumulate more than 2200 pounds of hazardous waste, or 2.2 pounds of acutely hazardous waste at any time. CEG's must handle and store all wastes properly. This includes placing materials in compatible containers, properly labeling them, and storing them under cover and securely.

**Special Wastes** are categories of solid waste that pose special environmental, health or safety concerns or have certain characteristics (e.g., size, composition) that cause problems in handling or management. The Solid Waste Management Rules (effective date January 15, 1999) designate asbestos waste, regulated medical waste, CEG waste, liquid wastes, and liquid containers with a capacity of 30 gallons or larger. Other wastes that may require special handling include tires, household hazardous waste, industrial sludges, bulky wastes, and large appliances.

**Landfill-Banned Wastes** are solid wastes that have been banned (by statute) from landfills in Vermont. These include waste oil, white goods (washing machines, dryers, refrigerators, ranges, etc.), tires, paint (including paint thinner, remover, stains, varnishes, but not solidified latex paint), lead-acid batteries, nickel-cadmium (Nicaid) batteries, small sealed lead acid batteries, non-consumer mercuric oxide batteries, and labeled mercury-added consumer products. Mercury-added consumer products include but are not limited to thermostats, thermometers, manometers, barometers, and switches. Mercury-added switches include, but are not limited to tilt switches, flame sensors and thermocouples.

*Statute (Title 24 V.S.A. Section 2202a) outlines the following priorities for municipal HHW/CEG/special waste plans:*

- § Reduce or eliminate the use of hazardous or toxic substances;*
- § Reduce the generation of hazardous waste;*
- § Proper management of HHW/CEG waste; and*
- § Reduce the toxicity of the waste stream.*

## **HHW/CEG/SPECIAL WASTE PLANNING GUIDELINES AND CRITERIA**

*(See the Revised State Plan, Section II, Critical Issue 8 for more information.)*

### **A. Specific Wastes**

*In Table 9 below, list the current collection/drop-off location for each waste.*

**TABLE 9: COLLECTIONS FOR HHW, CEG, LANDFILL BANNED AND SPECIAL WASTES**

<b>WASTE</b>	<b>COLLECTION/DROP-OFF LOCATION</b>	<b>COST TO USER</b>
<b>Automotive Wastes</b>		
Waste oil	Hagar Auto Supply, Bonnets Welding Shop and Highgate Transfer station	
Oil filters	Household hazardous waste collection events	
Tires	Highgate Transfer Station and Town Garage at selected events	
Antifreeze	Household hazardous waste collection events	
Lead-Acid Batteries	Accepted at Hodgdon Brothers and Clarence Brown Inc. salvage yards and at the Highgate Transfer Station	
<b>Household Related Wastes</b>		
Pesticides	Household hazardous waste collection events	
Household Chemicals	Household hazardous waste collection events	
Paint/Related Wastes	Household hazardous waste collection events	
Nicad & Lead Acid Batteries	Household hazardous waste collection events	
<b>Waste Electrical Products</b>	<b>Special collections subject to the availability of processors</b>	
Fluorescent Lights/Ballasts	Household hazardous waste collection events	
White Goods	Hodgdon Brothers salvage yard, Town Garage and Highgate Transfer Station	
<b>Other Special Wastes</b>		
Asbestos <sup>2 1</sup>	No program	
Medical Waste <sup>2</sup>	No program	
Mercury-added Products <sup>4</sup>	Household hazardous waste collection events	
Dead Animals <sup>2</sup>	No program currently	

1 Guidance documents on asbestos management and restrictions are available from ANR.

4 Mercury –added products include but are not limited to thermostats, thermometers, barometers, gauges, medical devices, numerous types of electrical switches, chemical formulations, and free elemental mercury. Further information on mercury products can be found at [www.newmoa.org](http://www.newmoa.org) and [www.mercvt.org](http://www.mercvt.org).

**B. HHW/CEG/Special Waste Planning**

*Address the following elements of HHW/CEG/Special Waste/Landfill-Banned Waste Planning as required by 24 V.S.A Section 2202a(c)(4):*

*For each individual waste listed in Table 9 (not just product categories) provide:*

1. *If a collection and management program is not currently available for any of the wastes listed in Table 9, how, where, and when will you provide convenient collections at a reasonable cost;*

Not applicable

2. *Collection and management program changes and improvements that are planned over the next five years; and*

If other methods can be found and implemented, the Town may discontinue the budgeting for HHW events. When an HHW collection day is planned, each event will be announced to the media at least two (2) weeks before the event is to occur. The announcement will indicate the location of the event and will include a list of materials that can be disposed of at the event. Pre-registration may or may not be required. The cost of the event shall be the responsibility of the user as is the case with all other methods of waste disposal except recycling as noted. Costs for HHW disposal from the budgeted funds shall receive voter approval for the applicable fiscal year and be in accordance with statutory obligations. Given the limited base population of the Town, the cost of providing HHW/CESQG collection events for town residents is budgeted annually. The Town will consider actions to improve participation rates as needed, such as mailings, advertising schedule changes or new collection opportunities.

3. *How will you minimize the amount of HHW, CEG waste, and landfill-banned materials being disposed in solid waste facilities (i.e. in solid waste landfills and incinerators):*

To insure the quality of segregated materials and to identify households and businesses that fail to segregate hazardous materials from their wastes employees at the HTS screen waste as it arrives. Haulers bringing in hazardous wastes are advised that some of their customers are failing to separate their wastes. The Town recognizes that the waste hauler serving an area will have the best information on the compliance of specific generators with

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waste separation and handling requirements. The waste haulers doing business in the town will be required by conditions of their license to operate in St. Albans Town to report these incidents to the committee. A form will be prepared in order to administer this part of the program.

As stated previously, the Town of St. Albans will conduct semiannual (2) HHW/CESQG collection/paint swap/drop day events at the Town Garage. The commitment to hold at least (2) HHW events does not preclude the implementation of other programs which meet or exceed the amount of HHW diverted from the waste stream from such events. The Town advertises the collection events in the local newspapers, and will also utilize the annual informational mailing to include the scheduled dates of the waste collection events.

In the annual information mailing to residents, the Town will include information about what materials cannot be disposed of as trash.

*4. Describe the HHW education program for schools and households:*

The Solid Waste Advisory Committee will develop Educational Brochures for distribution. This information will be available throughout the year and will be sent to each household a minimum of yearly, or published in local newspapers quarterly. The information in the notices will be updated at least semi-annually. Notices will include the following: the locations of recycling facilities, the current hours of operation, materials being accepted for recycling, a list of pertinent brochures available from the town or the state on waste reduction, waste recycling and composting for residents and businesses, the State of Vermont's Recycling Hotline number and composting for residents and businesses, the State of Vermont's Recycling Hotline number (currently 1-800-932-7100), and the address of the State Recycling Section, as well as information pertaining to HHW/CESQG collection dates occurring in the spring and fall annually.

Additionally, the recycling notices will be posted in public places. If requested by local haulers, the notices will be given to them to insert with their billing statements. Also the local newspapers will be encouraged to publish at least one article yearly related to the following topics.

- Reuse
- Reduction
- Recycling
- Processing
- Disposal

The St. Albans Town Solid Waste Advisory Committee will assist and support a school education program for waste and toxics reduction, reuse, and recycling for all existing grades (K-12). The program may include those presented by the Association of Vermont Recyclers or Vermont Institute of Natural Sciences.

5. *Describe the education and technical assistance program for Conditionally Exempt Generators (CEGs):*

As has been the case in the past, the Town of St. Albans will be heavily reliant on state information made available through the Agency of Natural Resources, Environmental Assistance Division. At least once per year, the Town will send information to all businesses in the Town identifying why hazardous waste needs to be properly managed and describe options for its management. The Town of St. Albans also intends to pursue a program (perhaps jointly with adjoining neighboring towns) of annual workshops for businesses generating hazardous wastes and CEGs. While in the past the town has not conducted such efforts, the Town envisions beginning these as annual workshops and mirroring past efforts in other towns which in the past have addressed the following topics:

- Available management and disposal options
- Preferred management strategies for specific waste stream
- Toxic use elimination and reduction
- Packaging and manifesting requirements
- Economic and technical feasibility considerations
- Cooperation and management opportunities
- Update of regulatory requirements
- Use of the EAD staff in conducting site visits to CEG's

The Town of St. Albans anticipates that it will request staff assistance for these workshops from ANR.

6. *Provide any additional information about how your programs for household hazardous waste, conditionally exempt generator waste, landfill-banned waste and special waste will achieve the priorities of 24 V.S.A. Section 2202a:*

- § *Reduce or eliminate the use of hazardous or toxic substances;*
- § *Reduce the generation of hazardous waste;*
- § *Proper management of HHW/CEG waste; and*
- § *Reduce the toxicity of the waste stream.*

Although hazardous wastes from homes and businesses in the Town make up a small portion of the total waste stream, these wastes can create significant concerns for the safe management of solid wastes if they are disposed of improperly. Therefore the portion of the plan dealing with these wastes is based on three goals:

1. Reducing the use of hazardous products promoting non-hazardous substitutes where possible;
2. Promoting the use, storage and disposal of hazardous products, if purchased and ;
3. Minimizing the delivery of hazardous waste to solid waste disposal facilities through practical waste diversion programs.

To meet these goals, the Town will work actively to:

1. Provide toxins use reduction information and education programs for schools, residences, businesses and the community at large;
2. Provide convenient access to collection services for HHW and to waste management services for conditionally exempt small quantity generators of hazardous wastes (CESQG's) and;
3. Promote diversion of hazardous wastes to land filled banned materials from the solid waste stream. The Town may consider developing ordinances for the implementation of this plan and for the assessment of penalties for repeated violations of the requirements of this plan in accordance with applicable state statutes and adopted ordinances.

## **SECTION 5. UNIT BASED PRICING PLAN FOR MSW**

### ***What is Unit Based Pricing?***

***Unit-based pricing means the amount people and businesses pay to get rid of trash is based on how much they throw away, typically on a per bag, per container, or per ton basis. This is similar to how we pay for electricity. If we use more, we pay more. If we can conserve, we save more. With unit-based pricing, the resident who reduces, reuses and recycles pays less for solid waste disposal than his/her more wasteful neighbor.***

*To provide financial incentives for waste reduction, reuse, recycling and composting, develop an action plan for implementation of volume or weight based charges (unit based pricing) for municipal solid waste disposal. The action plan should address waste generated by residences and businesses, and collected, transferred or disposed by the public or private sector. The unit based pricing structure should reflect the true cost of waste management and should provide an economic incentive for the generators to minimize waste.*

*A number of unit-based pricing systems can be used, including bag systems (pay-per-bag), sticker or tag systems (pay for a sticker for each bag), billing based on the size/number of containers and/or frequency of pickup. To provide effective financial incentives, avoid rate structures that give a discount if more bags are generated, and make sure there is a smaller container option or less frequent pickup option that rewards those who reduce, reuse, and recycle. Fact sheets and worksheets are available at [www.epa.gov/epaoswer/non-hw/payt](http://www.epa.gov/epaoswer/non-hw/payt) or from the Solid Waste Program.*

**A. Evaluate Current Pricing**

*Review the cost information you collected in Section 1 (Implementation Report), Table 6. Determine if any of the pricing plans are not unit based and do not provide an incentive to reduce, reuse and recycle. Common disincentives include free unlimited municipal trash service, volume discounts after so many bags, lack of smaller containers or less frequent pickup for curbside service, meaningless price differences between small and large toter pickup prices, annual flat fee permits for unlimited disposal, etc. For each pricing plan that does not currently create an effective incentive to reduce, reuse and recycle, address it in your unit based pricing action plan. You may need to work with area haulers and solid waste facilities or consider ordinances to implement unit based pricing. List any pricing plans that are not unit based and do not provide an incentive to reduce, reuse, and recycle:*

**B. Unit Based Pricing Action Plan**

*In order to be consistent with the state plan, unit-based pricing action plans are expected. Describe the unit-based pricing plan you have in place or will be putting in place. If implementation of unit based pricing is not proposed, provide the reason for any exceptions and describe the alternative mechanisms (such as education and promotion, providing convenient services, and mandatory recycling) to be used to promote waste reduction.*

The Town does not currently utilize Unit Based Pricing. The Town believes that any effort to engage in such a program currently, without valid plan implementation feedback on current efforts - would be futile, as there is currently no method by which to enforce such a plan with the private haulers. Neither the Town (with limited manpower and financial resources) nor the State of VT currently has an effective enforcement regime in place to ensure compliance. With those concerns noted, the Town's Solid Waste Management Committee will meet with the local private haulers (as discussed previously in this plan, following review of implementation success in October 2011) to begin to implement a unit-based pricing system. The Town of St. Albans will adopt a hauler licensing ordinance

which includes a unit based pricing system within two years of the adoption of this SWIP.

Additionally, it should be noted again that it has been extremely difficult to gain the cooperation of several private haulers in putting together the data for the implementation report component of this plan. The Town has been forced to turn to the transfer stations serving the area haulers to collect the information provided, and in many cases, this represents a “best guess.”

The Town of St. Albans will further the efforts of Unit Based Pricing Plan in the VT SWIP through the continued use of its educational program.

## **SECTION 6. BUY RECYCLED PLAN**

- A. *Describe how you will increase the use of recycled products, composted material and used products in your municipality or member towns.*

Based on product information made available via the VT ANR and other informational resources available from both the public and private sector, the St. Albans Town Solid Waste Management Committee will evaluate recycled product options for performance and pricing competitiveness, and make recommendations regarding recycled product options to the St. Albans Town Selectboard.

- B. *Describe how you will educate residents and businesses on opportunities for them to buy recycled.*

The Town will utilize the previously discussed notices/inserts to alert residents and local businesses to the various outlets and products available to them to purchase recycled content products or previously used materials. The Town will be reliant on information and resources provided through the State of Vermont Agency of Natural Resources.

- C. *List the recycled/used/composted products currently purchased and/or used by the town(s), district, or member towns:*

Office paper, used road equipment.

- D. *List any additional recycled/used/composted products which you plan to purchase in the future:*

Potential future recycled/used/composted products that could be purchased for the Town of St. Albans include:

- Post consumer content office supplies
- Recycled/Post consumer content building materials
- Flexible pavements containing recycled materials
- Used road maintenance equipment

Any purchase of the above materials would be contingent upon acceptable performance and price standards established by the St. Albans Solid Waste Committee in cooperation with the heads of Town departments.

*E. Who is the individual responsible for evaluating purchases for opportunities to buy recycled?*

The St. Albans Solid Waste Management Committee will serve as the information conduit between the VT ANR and the recycled product information it distributes and the St. Albans Selectboard, which will direct the various Town departments to evaluate recycled products on a cost/benefit basis.

## **SECTION 7. ILLEGAL DISPOSAL PLAN**

*Describe your action plan to be implemented at the district or local level to reduce illegal burning and dumping. Adoption and enforcement of an ordinance are recommended as part of the plan (contact the Solid Waste Planner at 241-3444 for a sample ordinance). If ordinance and enforcement mechanisms are not adopted, your plan must include other means that will achieve equivalent results. Demonstrate how the proposed activities will achieve similar results to an ordinance and enforcement, and how reductions in illegal disposal will be determined. The action plan on illegal disposal also needs to address education, and the cost and convenience of available alternatives to illegal dumping and burning.*

A. *Check any that apply:*

Ordinance in place (attach copy of ordinance)

Enforcement mechanism in place

*Describe:*

The Town utilizes the Franklin County Sheriff and ANR investigators to follow up on any illegal dumping/burning complaints.

Ordinance adoption in process

No ordinance in place and no adoption in process

B. *If an ordinance and enforcement are not proposed, describe what other strategy (ies) to reduce illegal disposal will be taken and how it will achieve similar results to an ordinance and enforcement. Explain how the effectiveness of the proposed strategy will be determined.*

C. *Describe the ongoing education program to prevent open burning and dumping:*

At least once per year, the Town will mail information to all residents about

illegal disposal, including why it is harmful to human health and the environment, that it violates state law, and listing options available to properly management solid waste. The Town will rely upon publicly available educational materials, such as those available at the “Don’t burn Vermont website (<http://www.dontburnvt.org>). The mailing will clearly identify that it is from the Town of St. Albans, will identify a local contact and will list other sources of information, such as DEC. The Town may include this with another informational mailing as appropriate.

D. For each town covered by your SWIP, evaluate the convenience of proper disposal of various wastes generated in that town:

**TABLE 10  
EVALUATING CONVENIENCE**

TOWN AND TYPE OF WASTE  TOWN: St. Albans	CONVENIENCE		
	furthest haul distance <sup>1</sup>	days & hours of operation	cost to user <sup>2</sup>
Residential MSW	Curbside	Weekly/per contract	\$84.57 per ton \$3.50/ 30 gal \$1.75/15 gal
construction/demolition debris	Independently contracted		In dist. hauler \$93.49/ton  In -dist. Res. \$110.92/ton
tires	20 miles	Daily at HTS or at local tire dealers	Auto: \$4.35 Truck: \$7.20 Tractor: \$17.50 w/rims: \$34.85
white goods	20 miles	Daily at Hodgedon Bros. or Town Garage	free
recyclables	Curbside or HTS(20 miles)	Weekly/daily	\$1.35/bin \$66.52/ton

- 1 Determine the furthest distance a resident of the town has to travel to the nearest facility for dropping off each type of waste.
- 2 See Section 1 (Implementation Report), Table 6 for information on costs.

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*E. Describe your strategy to discourage illegal disposal by making legal disposal more convenient and less expensive. Possibilities include expanding the hours at transfer stations, expanding the materials accepted, accepting bulky wastes for free or reduced rates during one week every year, accepting several tires from each household every year, etc.*

The Town of St. Albans believes that in light of the rural nature of the Town, the disposal options described within this plan are adequate, and any changes to this plan would serve as a disincentive to the proposed Unit Based Pricing plan.

## **SECTION 8. SOLID WASTE FACILITIES SITING CRITERIA**

- A. *Describe any siting criteria and site evaluation process which are currently in effect for solid waste management facilities which may be proposed by any public or private entity in the town or district. The description should include:*
1. *A listing of the criteria and site evaluation process and the types of solid waste facilities that the criteria and site evaluation process apply to;*
  2. *A description of how the criteria differ for different types of solid waste facilities (e.g., lined landfills, unlined construction and demolition landfills, transfer stations, food waste composting, etc.);*
  3. *Documentation as to when and how the criteria or process were adopted by the town or district;*
  4. *Identification of who is responsible for reviewing a specific proposed facility and determining whether the facility is in conformance with the siting criteria; and*
  5. *A description of how conformance with siting criteria applies to facility "inclusion" in the plan (see Section 10).*

*Note: When choosing not to establish siting criteria or a siting process, the planning entity is giving up a significant amount of local control over the siting of facilities within the area.*

*See below*

- B. *If the planning entity (district, town, alliance, etc.) intends to own or operate new solid waste facilities, describe the facility site selection process that will be used to site these facilities.*

There are no plans for the Town to open or operate any new solid waste facilities

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within the Town.

**SECTION 9. SPECIFY TOWNS INCLUDED IN THE DISTRICT OR INTER-MUNICIPAL ASSOCIATION**

*(This section does not apply to individual towns with SWIPs)*

A. Use Table 11 below to list all municipalities that are part of the district or inter-municipal association. The list is current as of December 3, 2007. Table 11 should be revised and submitted every two years as part of the Implementation Report.

<b>TABLE 11 <sup>1</sup></b> (To be filled out by multi-town alliances and districts only) <b>TOWNS INCLUDED IN THE DISTRICT OR INTER-MUNICIPAL ASSOCIATION</b>		
<b>TOWN</b>	<b>DATE ACCEPTED INTO THE DISTRICT</b>	<b>DATE LEFT DISTRICT</b>
None		

B. Describe the process used to review and accept new towns into the district or multi-town alliance and/or include them in the SWIP.

Not applicable

C. When towns are accepted into the district or multi-town alliance, describe whether or not the solid waste facilities in these towns are automatically "included in" the SWIP.

<sup>1</sup> This table will also be updated as part of your implementation report to be submitted every two years.

*(See Section 10 of this document)*

Not applicable

*D. Describe the process to allow towns to leave the district or multi-town alliance.*

Not applicable

**SECTION 10. SPECIFY FACILITIES INCLUDED IN THE PLAN**

Note: Under state law (10 V.S.A. Section 6605(c)), ANR 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 district or municipal solid waste implementation plan.

A. Use the table below to list what existing solid waste facilities are **included in** your Solid Waste Implementation Plan.

<b>TABLE 12<sup>1, 2</sup></b>			
<b>FACILITIES INCLUDED IN THE PLAN</b>			
FACILITY NAME	OWNER/OPERATOR	LOCATION (road and town)	TYPE <sup>3</sup>
Town Garage	St. Albans	St. Albans Bay	White goods
Highgate Transfer Station	Highgate/Casella	Transfer Station Road, Highgate	MSW
Waste/Recycling Facility	NWVSWD	Rewes Drive	Waste and recycling
Town Garage	St. Albans	St. Albans Bay	HHW events
Canusa Recycling Facility	Canusa	Rewes Drive	Recycling

- 1 This table will also be updated as part of your implementation report to be submitted every two years.
- 2 Facilities with categorical certifications or insignificant waste management event approvals are not required to be "included in" SWIPs and do not need to be listed in the table.
- 3 Active landfill, closed landfill, transfer station, recycling facility, MRF, biosolids compost, food or yardwaste compost, special waste, etc.

*B. Describe how proposed facilities will be reviewed for inclusion in the plan. Explain the process to be used to determine if solid waste facilities proposed to be located in the municipality or district will be included in the solid waste implementation plan. The chosen process will determine, in part, how much say the town(s) or district has when new facilities are proposed. The process may reference the siting criteria (developed in Section 8 above), existing zoning ordinances, and town plan criteria, may require a host town agreement, may include certain categories of facilities automatically, or may defer to the requirements of the Vermont Solid Waste Management Rules for some or all types of facilities. For example, it may be easier to include all inactive landfills (as a category) automatically so that your SWIP does not have to be amended to include a specific inactive landfill in order for certification for post-closure monitoring and maintenance to be issued. Whatever approach is taken by the town or district, the standard(s) for being included in the solid waste implementation plan should be clear.*

Notes:

Please include any known solid waste landfills closed after February 1, 1989 so that they can receive post-closure certifications specifying post-closure monitoring and maintenance.

Biosolids and septage treatment and storage facilities may be located at a wastewater treatment plant located in the town/district. Rather than list individual facilities separately (such as biosolids dewatering facility or biosolids

storage tank), it is acceptable to “include” all such facilities by a blanket statement such as:

“All biosolids and septage treatment and storage facilities located within the fenced area of a wastewater treatment plant are considered to be “included in” the SWIP, with the exception of composting or other Class A treatment facilities that qualify for distribution to the public. Such composting and other Class A treatment facilities must be “included in” the the SWIP by using the process for solid waste facilities

Table 12 of the SWIP will be revised by the Board to include a new solid waste facility in the SWIP. All facilities that qualify for a categorical certification are acceptable under this SWIP. This revision will be made after the review, public participation and approval process outlined below.

**Process to include new Solid Waste Facilities into the Solid Waste Implementation Plan:**

If any public or private entity proposed to construct a solid waste facility in the Town, then the entity will be required to submit a request and proposal to the Selectboard for review.

Step 1: The entity is required to submit a letter to the Selectboard describing the facility, including all relevant information and how the facility proposes to meet or exceed the goals of the solid waste implementation plan (SWIP).

Step 2: The facility will be review for inclusion into the SWIP by the Selectboard. If the Selectboard determines that the request is lacking relevant information, the Selectboard will request additional information from the proposing entity.

Step 3: When the Selectboard is satisfied with the proposal, a public meeting, adequately warned to obtain public input on including the new facility is required. This public meeting may be held as part of a regularly scheduled Selectboard meeting. The Selectboard can vote to approve the facility's inclusion and revise Table

12 of the SWIP.

The Town will submit a copy of the revised Table 12 to the Solid Waste Program along with a statement that the process followed is consistent with the previously approved SWIP.

## SECTION 11. BUDGET AND TIMELINE

Go through each section of your SWIP and identify all the existing or proposed actions that you have described. In the table below, list all the action steps that you have identified in your SWIP, and for each action step, provide a timeline and budget in the table below. The table will serve as a summary list and to help with budgeting.

**TABLE 13<sup>1</sup>**  
**BUDGET AND TIMELINE**

<b>ACTION STEP</b>	<b>FREQUENCY</b>	<b>NEXT SCHEDULED or COMPLETE BY</b>	<b>\$ OR PERSONNEL</b> <i>(indicate if it is a one time expense, annual, etc.)</i>
HHW events	2 x year	May 2011	\$8,942.00 on contractor \$1,112.00 on advertising \$1,197.00 on waste removal
Appliance removal	As needed	12/31/2010	\$2400
Tire removal	2x year	May 2011	\$300
Town trash expense	As needed	12/31/2010	\$1500
Educational program/informational packets	As needed	12/31/2010	\$1,500
Licensing of haulers	As needed	Discussions to begin in 10/2008	Subject to discussions

<sup>1</sup> This table will also be updated as part of your implementation report to be submitted every two years.

## **SECTION 12. PUBLIC PARTICIPATION PLAN**

*Describe the process used to ensure early and sustained public participation in the development and implementation of the plan. Local citizens, businesses, organizations, institutions, and solid waste management facility owners should be notified of the **opportunities to participate** in the public process for plan development and implementation.*

*In addition to any public meetings which are scheduled for plan development, at least two public hearings are required prior to plan adoption. ANR recommends these be held after the draft plan receives pre-approval from ANR, so that the final draft can be reviewed and discussed by interested parties.*

**Prior to the submittal of the draft SWIP to ANR, The Town of St. Albans hosted a public comment period during a regularly scheduled and warned selectboard meeting (minutes attached) to provide interested parties an opportunity to comment on the proposed plan. Following this public comment opportunity, the Town of St. Albans submitted its draft plan to ANR for review and comments. After the Town receives the comments from ANR regarding the proposed draft, the Town will host a minimum of two (2) public hearings to receive further comment from the public.**

**The Town has also described its Solid Waste Management Committee in previous sections of this plan, and it is intended that this committee will serve in a future advisory capacity to the St. Albans Selectboard regarding solid waste management issues and the implementation of this plan. The SSWMC will also meet annually to review implementation progress and any needed SWIP updates. It should also be noted that sustained public comment opportunities are provided for via the selectboard, which meets every other Monday evening throughout the year, and which offers the public opportunity to comment on a myriad of town governance**

issues – such as the SWIP.

### **SECTION 13. CONFORMANCE WITH OTHER PLANS**

*Your SWIP must be in conformance with any municipal and regional plans adopted in accordance with 24 VSA Chapter 117. Demonstration may be in the form of a letter from the applicable regional planning commission and the municipal planning board which states that they have reviewed the SWIP and explains how the SWIP conforms with the regional and municipal plan, copies of pertinent sections of the regional or municipal plan, or other documentation that demonstrates conformance.*

The Utilities and Facilities section of the Northwest Regional Plan dealing with solid waste is attached, as are the pertinent sections of the St Albans Municipal Plan.

### **SECTION 14. ATTACHMENTS**

Solid waste ordinances

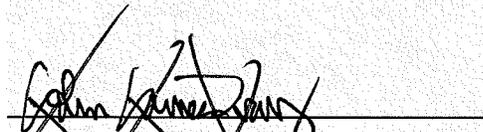
Attach copies of any local or district ordinances related to solid waste (for example, mandatory recycling ordinance, illegal dumping/burning ordinance, etc.)

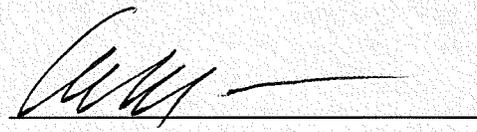
- Municipal/Regional Plan Information  
See Section 13 above for submittals.
- Other (specify)

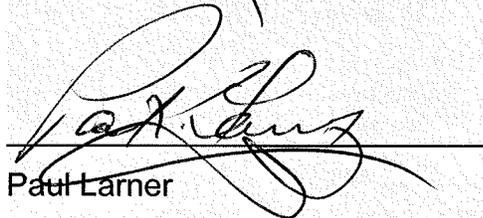
Signatures of the Town of St. Albans Selectboard

\_\_\_\_\_  
William Nihan, Chair

  
Bernard Boudreau, Vice Chair

  
John Gray

  
William Walker

  
Paul Lamer

Date: 10/25/10