Final Report for Connecticut River Valley Solid Waste USDA Grant

October 1, 2012 – September 30, 2013





10 Water Street, Lebanon, NH

Cover Photo: HHW Awareness Workshop; team reporting

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Summary of Progress

Task 1: Household Hazardous Waste

1.A Increase Municipal Residential HHW Collection

Marc Morgan, HHW Consultant met with municipal officials and municipal transfer station attendants to discuss HHW collection options. He completed a report on recommended HHW collection methods for the New Hampshire and Vermont project municipalities (attached). The recommendations for both VT and NH include: working together in a hauler contract; use postcards to households to notice collection dates; provide reciprocal HHW collections to allow for more dates to NH and VT residents along the Connecticut River; provide outreach for greater small quantity generator participation at collections; develop more satellite collections in NH. The cost of developing a new permanent HHW collection facility did not make economic sense, but since the Town of Hartford, VT may open their long-closed facility, it would make sense to evaluate participation in their program once more information is known.



Municipal leaders and others meet to discuss the USDA grant project.

An all-day training for transfer station attendants was held on September 23, 2013 with The New England Consortium at UMASS Lowell. This addressed how transfer station attendants should deal with hazardous waste left illegally at the transfer station and how to safely manage it. This is also a prelude training to see who might be interested in developing satellite HHW collections in the future. The instructors were excellent and very engaging. We had 25 attendees from New

Hampshire and Vermont. Attached is the flyer for this event. (We charged a small fee to cover the cost of breakfast and lunch.)



Town of Lempster, NH Transfer Station attendants work on drawing exercise to show their most outrageous HHW experience.

HHW Collections

The UVLSRPC provided our first ever satellite collection in Piermont, NH. This is a very small town with a population of about 770 at the northern edge of the UVLSRPC region. There have been about eight households from Piermont at our typical collection in Lebanon; this year with the satellite collection we had 38 households. The Town is really pleased with the results of this convenient collection for a small town, and they plan to do this again next year.



Piermont volunteer, Abby Metcalf talks with HHW collection participant.

The UVLSRPC held a total of five HHW collections including the Town of Piermont satellite collection. Two were in Lebanon, one in Piermont, one in Newport, and one in Newbury. Almost 800 households were served.

The Southern Windsor Windham Counties Solid Waste District provided four collections on two days. The Windham County Solid Waste District provided eight collections on two days.

1.B. Assist Schools in Developing Chemical Assessment Program
The School Science and Safety: Making the Connection workshops were held May 29, 2013 and May 30, 2013. Over two days, 70 attendees including 48 attendees from schools, organizers from a variety of NH and VT organizations, speakers, and State representatives attended the two workshops.

The primary speaker for the workshop was Dave Waddell who has his own environmental agency and works for King County in the State of Washington. The workshops were very successful with great responses from attendees on their workshop evaluation forms—these are included as an attachment to this report. In addition, letters from Vermont Department of Environmental Conservation partner, Gary Gulka and from New Hampshire Department of Environmental Services partner, Stephanie D'Agostino are attached.





Two teachers work on chemical compatibility assignment.

Dave Waddell (in goggles) explores a chemistry storage closet during the School Science and Safety workshop.

Task 2: Medicines – Expand Unwanted Medicine Collection to VT

Since the writing of this grant application, several unwanted medicine programs have begun in Vermont by the installation of drop boxes for drugs at several police stations.

In addition, there are also U.S. Department of Drug Enforcement proposed regulations that were announced in December 2012 which may require pharmacies and others to take back unwanted medicines. The draft regulations specifically state that municipalities will not be able to collect medicines, but law enforcement can.

Because of the above events, this task was amended to allow us to put \$2,000 into the HHW task item to pay for a school science workshop speaker. We will continue to follow the US DEA proposed rules to see how they will impact our regions. At the time of this report, the proposed rules have still not been finalized.

We chose not to attend the Safe Medicines Conference as planned as they changed the month and location to September in West Virginia. Past conferences were held in Maine, and we had been told the conference would be in the spring. September is also the month of the NAHMMA conference in Minnesota. Staff from two of the project partners attended the conference and reported that it was excellent.

As a new effort to take the place of work not done, we worked with the Brattleboro Area Prevention Coalition (BAPC) to partner with organizations in their area that work with the elderly to provide them with containers to dispose of unwanted medicines as a pilot project. BAPC has tracked staff hours spent on the project, number of containers distributed to partnering organizations and distributed to target population. About \$2,500 was used to buy the 500 bottles for this purpose. The bottle type is Element MDS (see picture to right) which neutralizes the medicines for disposal into the trash. The report from BAPC is included in this report. Although they have distributed many bottles to several agencies, their monitoring of the project will continue well into next year. They have agreed to continue to share information with us. They have been extremely professional and efficient in this process.

Vickie Davis attended meetings at North Country Council, Bethlehem, NH to learn more about how they are dealing with unwanted medicines. This provided her with a "A Police Department's Guide to Becoming a Permanent Prescription Drug Drop Box Site" specifically for New Hampshire which is now on the web site: http://hhw.uvlsrpc.org in pdf and Word forms. She has also provided this to local drug abuse prevention organizations and police departments.

Task 3: Education – Develop Marketing Campaign in NH and VT

The field of toxic products is so broad that we decided to focus in on a small, but everyday component of household products. It was determined to focus the campaign on positive messages about nontoxic cleaning. It is our belief that if we can get people to understand about

the toxicity of household cleaners, they will then transfer this to other products that they purchase.

Marketing Consultant

The marketing consultant, Wetherbee Design & Web:

- developed a logo for a "Healthy Home: Clean Safe and \$ave" program;
- revised the "Big Three" brochure of cleaning recipes (previously sent and available at http://hhw.uvlsrpc.org);
- developed a magnetic recipe card for two nontoxic recipes to be distributed to the public (previously sent and format available at http://hhw.uvlsrpc.org);
- developed 8' feather flag design for events; these have been purchased for each of the three partners (see flag in photo of Unity Old Home Day);
- developed labels to be used on spray bottles to be handed out at public events where participants can make their own cleaners and purchased 1500 spray bottles;
- assisted with messages to be provided for short videos to illustrate making nontoxic cleaners;
- developed a Facebook page for the Healthy Home program: <u>www.Facebook.com/HealthHomeProgram</u> (Posts have been scheduled through January 2014 for the Facebook page);
- Information about the Healthy Home Program has been added as a page to the web site: http://hhw.uvlsrpc.org; The videos have also been embedded into the web home page under "Latest News."



Community Outreach for Healthy Home Program:

- The Upper Valley Lake Sunapee Regional Planning Commission attended public events to make and distribute nontoxic cleaners to attendees at the Unity Old Home Day; Love Your Lake Day in Sunapee, NH; and two days at the Lebanon Farmer's Market.
- The Southern Windsor/Windham Counties Solid Waste Management District had Healthy Home tables at the Windsor Farmer's Market; the Ludlow Farmer's Market and the Springfield Farmer's Market.
- The Windham Solid Waste District handed out recipe kits at their HHW collections.



Above: Magnetic recipe card. Right: Unity Old Home Day





HHW Committee Community Outreach at Collections

Healthy dog treats were purchased to hand out to dog owners attending

UVLSRPC HHW collections along with an EPA brochure about reading the
label on household products to protect pets. Lots of dogs attend our HHW

collections—which lent to making a connection with the dog owners. Cat treats
for tartar control were also obtained from a company, and 100 sample packs and

EPA brochures were handed out at the collections to cat owners.

Task 4: Composting

- 4.1: Increase opportunities to compost organic waste by expanding Project COW (Composting Organic Waste)
 - Conducted telephone and Survey Monkey surveys of large quantity organic waste generators in the project communities (supermarkets, restaurants, institutions, manufacturers, etc.)
 - WSWMD developed a list of generators by community, contacted them by telephone, conducted a survey of each to determine amount of organics generated, and interest in diverting those organics to a composting facility. This work was coordinated with work being done by Greater Upper Valley Solid Waste District, who is updating the Stone Environmental database for the District.

- The same type of organic waste generator surveys were also done for Windsor County, VT, as well as the Upper Valley Lake Sunapee region of NH.
- The final report, "Blueprint for Green Residuals Recycling in the Connecticut River valley of New Hampshire and Vermont" provides a list and contact information for over 1,200 food residual generators, by County. Summary tables of total tons generated by region are also provided in the report.
- Existing food scrap composting facilities in the project region were identified, and visited, to determine capacity to process additional organic residuals. This information is presented in the final report.
- Regulatory and equipment issues for each composting facility were also identified, and recommendations made for increasing food scrap processing capacity at each facility.
- Existing food scrap collection options are also identified.
- Locations for new composting facilities are identified in the report in both Vermont and New Hampshire to provide needed capacity to process organic waste from the generators.
- The report discusses that in New Hampshire there are many restrictions on small food waste composting facilities including no meat or dairy products due to concerns about the possibility of odors and vermin, as well as no paper. New Hampshire also limits the food waste to 20% of the composting mixture. If there are no or limited sources of other nitrogen such as grass, then carbon must be 80% of the mix which is often purchased making the mixture expensive, and not practical as a recipe for rapid composting. This makes it difficult to have a successful composting program in New Hampshire that includes food scraps. See the attached report for more information, and recommendations for amending the New Hampshire regulations.

4.2: Investigate composting technologies that can be implemented

- WSWMD's final report, "Blueprint for Green Residuals Recycling in the Connecticut River Valley of New Hampshire and Vermont" evaluated several types of compost technologies ranging from very basic to high tech. The report also used existing food waste generation information for the Vermont counties, and developed new food waste generation information for New Hampshire to determine potential total quantities available for composting.
- The report's recommendations for the smaller towns is to begin their own composting systems at their transfer stations using the most basic methods and equipment for turning piles of organic materials For towns that already compost leaves and grass, the process for obtaining state permits for adding food scraps is also presented.
- Organizations that can provide technical assistance in composting are also identified.
- Technologies and vendors of composting technologies appropriate for Vermont and Hew Hampshire are identified and described, along with estimated capital costs.
- The final report summarizes the state regulatory requirements for both Vermont and New Hampshire for obtaining permits for composting food scraps.

4.3: Develop an on-site training program for food scrap generators

WSWMD developed a Food Scrap Generator Training Program that is included in the Appendix to the final report. This document was used in food scrap composting workshop in Hanover, New Hampshire at a super market with an existing food scrap collection and composting program.

The purpose of the workshop was to teach food waste generators how to segregate food waste for transport to a composting facility. The compost facility operator and collection company also participated in the workshop.

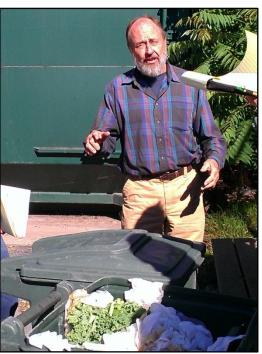
That training program can now be utilized for future generator training programs as new composting facilities come on line.

4.4 Public-private partnerships for training organic waste generators.

Site visits and meetings were conducted with approximately 10 food scrap generators in Vermont and New Hampshire to invite generators to attend the workshop, and introduce the composting program to them. They were provided copies of the training program, and contact information for further information or technical assistance, such as Highfields Center for Composting, and the Northeast Recycling Council. Information on existing composting facilities was also provided.



Workshop in the Hanover Food Cooperative Grocery Store



Bob Sandberg at the Hanover workshop at the Co-op's food receptacles



Bob Sandberg's farm compost facility in Corinth, Vermont (note the chickens feeding)

Comparison of Actual Accomplishments with Goals and Objectives

The projected tasks were completed and goals were met.

The total USDA grant for was \$184,747 which was expended. The non-federal match of \$211,585 was exceeded.

NEW DATE: September 23

TIME: 8:00AM—4:30 PM

(Breakfast & Lunch Included)

Course Fee: \$ 25.00

LOCATION:

Grantham Town Bld. 300 Route 10 South Grantham, NH 03753

Awareness Training



Upper Valley Lake Sunapee Regional Planning Commission







Hazardous Materials Awareness Training (8 hour)



The New England Consortium

UMass Lowell Wannalancit Mills 5th Floor 600 Suffolk Street Lowell, MA 01854

 Phone:
 978-934-3257

 Fax:
 978-934-2012

 E-mail:
 tnec@uml.edu.

 Web:
 uml.edu/tnec

The New England Consortium (TNEC), based at the University Of Massachusetts—Lowell, will present training in Hazardous Materials Awareness topics for transfer station employees.

Awareness is the key to a quick and safe response to hazardous materials received at town facilities. OSHA requires that personnel who are likely to come in contact with hazardous materials must be trained on how to recognize hazardous materials and manage them.

To Register Contact:

Victoria Davis
Upper Valley Lake Sunapee Regional
Planning Commission
10 Water Street, Suite 225
Lebanon, NH 03766
603-448-1680
603-448-0170 fax
vdavis@uvlsrpc.org

Topics Include:

- LAWS & REGULATIONS
- RECOGNIZING HAZARDOUS WASTE
- CHEMICAL HAZARDS
- HEALTH HAZARDS
- PERSONAL PROTECTION
- SAFE STORAGE
- EMERGENCY RESPONSE
- & MORE!
- NH DES
 RECERTIFICATION
 CREDITS



School Science & Safety: Making the Connection

For Middle & High School Science Faculty, Administrators, and Facility Operations Managers in New Hampshire & Vermont

Location:

River Valley
Community College
1 College Place
(off Route 120)
Claremont, NH

Time:

9:00 a.m. - 4:00 p.m. Registration begins at 8:00 a.m.

Choice of Dates:

(pick one-identical workshops)

Wednesday, May 29, 2013 or Thursday, May 30, 2013

Expert Speakers and Hands-On Activities

- The Culture of Laboratory Safety
- Overview of Environmental, Health, and Safety Laws and Regulations—federal, VT, NH
- Chemical Hazards
- Chemical Management
- Identifying and Fixing Unsafe Situations
- Tips for Getting Started on a ChemicalManagement and Safety Plan (includingChemical Hygiene Plan)
- Getting Assistance

For more information:

Victoria Davis
Upper Valley Lake
Sunapee Regional
Planning Commission
603-448-1680

Speaker:

Dave Waddell, King County, Washington

Other Speaker Agencies:

State regulators
Vermont Project WorkSAFE
WorkWISE New Hampshire
U.S. Environmental Protection Agency

REGISTER ON-LINE AT www.uvlsrpc.org

A registration fee of \$35 includes a light breakfast, lunch, materials, and thumb drive with resources including a model Chemical Safety Plan. Registration is limited to 45 for each workshop. Registration now open for project area schools. Registration opens to all other schools in New Hampshire and Vermont on May 1.

(See http://tinyurl.com/SchoolScienceSafety for all registration information.)

Speakers

Dave Waddell—Senior Environmental Investigator, Pollution Prevention Inspector, School Laboratory, and Art Chemical Hazards Project Management for King County, Washington Hazardous Waste Management Program. Dave authored the King County Laboratory Waste Management Guide, created and maintains an on-line School Chemicals Database, and created and managed the award-winning "Rehab the Lab" program.

Stephanie D'Agostino—Pollution Prevention Section Supervisor for the New Hampshire Department of Environmental Services (NHDES).

Gary Gulka—Chief of the Assistance & Prevention Section in the Waste Management and Prevention Division of the Vermont Department of Environmental Conservation.

Hazel Hunter—Safety and Health consultant with the State of Vermont's Project WorkSAFE. Her focus is with VOSHA Compliance and best works practices.

Teresa Ferrara—Industrial Hygienist working for WorkWISE NH. This is the New Hampshire OSHA Consultation Program run out of Keene State College.

Dwight Peavey—Senior Scientist in the Boston regional office of EPA.

Need Continuing Education Units?

In both New Hampshire and Vermont, you must provide a description of the program to your school for approval. Visit the registration page for a detailed agenda, speaker biographies, and the primary speaker, Dave Waddell's, vita form. Attendance certifications will be handed out at the end of the workshop. Pre-approval by your school is recommended.

Sponsors of the Workshops:













UPPER VALLEY LAKE SUNAPEE REGIONAL PLANNING COMMISSION













Workshop Evaluation School Science & Safety: Making the Connection (May 29th & May 30th)

Please circle the appropriate number in question 1-12

1.	Before today's training, how knowledgeable were you about this topic?							
	Knew very little				Expert			
	1	2	3	4	5			
2.	Was the technical level	of the informati	ion presented:					
	Too basic		Just right		Too advanced			
	1	2	3	4	5			
3.	Was the information p	rovided in the tra	aining:					
No	t at all useful for my work	k			Extremely useful for my work			
	1	2	3	4	5			
4.	How effective was the trainer at presenting the information?							
	Not at all effective				Extremely effective			
	1	2	3	4	5			
5.	Overall, how has your understanding of the subject improved as a result of the training?							
	No change at all	anderstanding of	tine subject improved us	a result of the ti	Extremely improved			
	1	2	3	4	5			
_	Diagram and a construction of the		!!»	h				
6.		ence in your abi	lity to <u>recognize</u> cnemical	nazaros in your	work after completing this training	ng.		
	Not at all confident	_	_	_	Extremely confident			
	1	2	3	4	5			
7.	Please rate your confidence in your ability to <u>reduce the risk of exposure</u> to chemical hazards in your work after completing this training.							
	Not at all confident				Extremely confident			
	1	2	3	4	5			
8.	As a result of this traini	ing, how likely a	re you to <u>make changes ir</u>	how chemicals	are handled, stored, or disposed	<u>of</u> in your		
	Not at all likely				Extremely likely			
	1	2	3	4	5			
9.	Please rate your understanding of health, safety and environmental requirements after completing this training. No change at all Extremely improved							
	1	2	3	4	5			
	_	-	-	•	-			

10.	How likely are you to develop and maintain an integrated chemical management plan or Chemical Hygiene Plan as a result of attending this workshop?							
	Not at all likely				Extremely likely			
	1	2	3	4	5			
11.	As a result of this training, how likely are you to switch to safer alternative products or reduce the quantity of hazardous chemicals used in your work?							
	Not at all likely				Extremely likely			
	1	2	3	4	5			
12.	After this training, ho	w likely are you to	review or refer to the h	nandouts and educa	ational materials provided?			
	Not at all likely Extremely likely							
	1	2	3	4	5			
13.	What are the most co	envenient times of t	he year/days of the we	eek/time of day for	training events?			
14.	Would you be willing	to participate in we	ebinars (60-90 minutes) on specific lab saf	ety issues? Yes No			
15.	What topics are you n	most interested in le	earning more about?					
16.	Please provide any ad	Iditional comments	or suggestions about i	mproving today's v	vorkshop.			
17.	Are you interested in one-on-one assistance at your school on any of the topics discussed today? Yes No							
	If yes, please provide the information below:							
	Contact Person:							
	School:							
	Town:							
	Phone and email:							
	Issues that you would like assistance on:							

Workshop Evaluation School Science Safety: Making the Connection (May 29th May 30th)

Question	Response				
1) Before today's training, how					
knowledgeable were you about					
this topic?	Knew very little				Expert
	1	2	3	4	5
No. of Responses	4	18	14	5	0
2) Was the technical level of the					
information presented:	Too Basic		Just Right		Too Advanced
	1	2	3	4	5
No. of Responses	0	0	39	3	0
3) Was the information provided	Not at all useful				Extremely useful
in the training:	for my work				for my work
	1	2	3	4	5
No. of Responses	0	0	4	7	31
4) How effective was the trainer	Not at all				Extremely
at presenting the information?	effective				Effective
	1	2	3	4	5
No. of Responses	0	0	2	9	31
5) Overall, how has your					
understanding of the subject					
improved as a result of the					Extremely
training?	No change at all				improved
	1	2	3	4	5
No. of Responses	0	0	5	25	12
6) Please rate your confidence in					
your ability to recognize					
chemical hazards in your work	Not at all				Extremely
after completing this training.	confident				confident
	1	2	3	4	5
No. of Responses	0	1	8	26	6
7) Diagonal and a control of the cont					
7) Please rate your confidence in					
your ability to reduce the risk of					
exposure to chemical hazards in	Nich -+ -!!				Frakus are also
your work after completing this	Not at all				Extremely
training.	confident	2	2	4	confident
No. of Doggood	1	2	3	4	5
No. of Responses	0	1	7	23	11

Workshop Evaluation School Science Safety: Making the Connection (May 29th May 30th)

Question		Response					
8) As a result of this training,			•				
how likely are you to make							
changes in how chemicals are							
handled, stored or disposed of in							
your work?	Not at all likely				Extremely Likely		
,	1	2	3	4	5		
No. of Responses	0	0	3	12	26		
9) Please rate your							
understanding of health, safety							
and environmental requirements					Extremely		
after completing this training.	No change at all				improved		
	1	2	3	4	5		
No. of Responses	0	0	8	24	9		
40) 11 11 1							
10) How likely are you to							
develop and maintain an							
integrated chemical							
management plan or Chemical							
Hygiene Plan as a result of							
attending this workshop?	Not at all likely				Extremely likely		
No. of Bossesson	1	2	3	4	5		
No. of Responses	0	1	3	18	18		
11) As a result of this training,							
how likely are you to switch to							
safer alternative products or							
reduce the quantity of hazardous							
chemicals used in your work?	Not at all likely				Extremely likely		
, , , , , , , , , , , , , , , , , , , ,	1	2	3	4	5		
No. of Responses	0	1	2	11	26		
12) After this training, how likely							
are you to review or refer to the							
handouts and educational							
materials provided?	Not at all likely				Extremely likely		
	1	2	3	4	5		
No. of Responses	0	1	0	12	29		



The State of New Hampshire

DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

June 21, 2013

Vickie Davis, Planner Upper Valley Lake Sunapee Regional Planning Commission 10 Water Street Lebanon, NH 03766

Dear Vickie,

It was my pleasure to assist with planning, implementing and delivering the May 28 & 29, 2013 school lab safety workshops hosted by the Upper Valley Lake Sunapee Regional Planning Commission, at the River Valley Community College in Claremont, NH.

The workshops were well attended, and I thought, well received. The main speaker, Dave Waddell, was excellent. He is expert and highly knowledgeable in the field of lab safety, and a wonderful trainer. All his examples were "real world" and I could see that the attendees related very well to the information, as presented.

On behalf of the New Hampshire Pollution Prevention Program (NHPPP), Department of Environmental Services I'd like to thank you for including us in the planning and implementation process. The NHPPP is in the process of updating our school-focused web pages to include additional information on chemical safety and as resources allow, and we will continue to outreach to secondary schools on lab safety topics. In addition, we will make every effort to provide one-on-one assistance to those schools that indicated an interest in obtaining assistance.

Please do not hesitate to ask for our collaboration in any future efforts of this kind.

Best Regards,

Stephanie D'Agostino

Supervisor, Pollution Prevention Section

Stephanie Offstino

Office of the Commissioner



Vermont Department of Environmental Conservation

Agency of Natural Resources

Waste Management & Prevention Division
One National Life Drive, Davis 1 [phone] 802-522-0215
Montpelier, VT 05620-3704

June 20, 2013

Vickie Davis Upper Valley Lake Sunapee Regional Planning Commission 10 Water Street, Suite 225 Lebanon, NH 03766

Dear Vickie,

It was a pleasure to collaborate with you on the School Science Safety workshops. Based on attendee evaluations, these workshops were highly successful in both information dissemination and promoting improvements in management practices in school science labs. The following survey results were particularly telling:

- 37 of 42 respondents indicated their level of understanding of issues was highly or extremely improved;
- 38 of 41 respondents indicated that they are highly or extremely likely to make changes in their management of laboratory chemicals;
- 36 of 40 respondents indicated that they are highly or extremely likely to develop an integrated chemical management plan; and
- 12 schools were interested in follow-up or on-site assistance on a variety of issues discussed in the workshops

The Vermont Department of Environmental Conservation is planning to use the knowledge gained participating in these workshops to develop a statewide school lab science safety outreach effort in the coming year, to the extent that resources are available, that may include workshops, webinars and written guidance materials. We are currently in discussion with the Vermont Department of Education which is interested in collaboration.

Thank you for involving us in this very worthwhile effort!

Sincerely,

Gary Gulka

Environmental Assistance Office

Hany Hula

Prescription Drug Disposal Pilot Project Report Completed by Cassandra Holloway, Brattleboro Area Prevention Coalition

The prescription drug disposal pilot provides an on-site disposal system (a plastic container with a neutralizing gel) to populations with mobility barriers which prevent them from getting to local disposal sites. Local partnering organizations, which serve seniors and disabled individuals with mobility barriers, distributed the Element MDS containers to the participants they serve.

The Element MDS containers not only provided an alternative option for prescription drug disposal: their presence also provided opportunities for education about the environmental impact of improperly disposing of medications through water systems or garbage disposal and about the importance of properly disposing unwanted medications in order to reduce misuse by others – especially youth.

Partners and number of containers

Brattleboro Memorial Hospital Community Health Team for home visits (50)

The Gathering Place for Adult Day Care participants (100)

Hotel Pharmacy for home deliveries (25)

Putney Cares for senior residents (10)

Rescue Inc for blood pressure checks (20)

Brattleboro Family Medicine for senior and disabled patients (20)

Atamaniuk and Ker-Wetherlund Funeral Home for families of decreased (9)

Brattleboro Housing Authority and SASH program for senior and disabled residents (75)

Bayada Home Health Care for hospice patients (75)

Brattleboro Area Prevention Coalition had 116 and has distributed 32 -current inventory of 84 units

In-kind hours and materials

Amount of hours for program:

- 1 hour liability insurance
- 7.75 hours -informing and gaining partners (45 minutes per partner)
- 5 hours creating labels and 2 ply form.
- 17 hours- preparing 400 containers (2 1/2 minutes per container)
- 4 hours delivery
- 2 hours press release
- 2 hours -report

Total hours were 36.75 hours.

Total cost of labor was \$837.87

(\$747.87 of staff hours including benefits and \$90 of volunteer hours.) Approximately \$1.70 of labor per unit.

Labels and printing costs: \$54.45

\$34.45 for printing

\$25.00 (approx) for labels

Benefits from the program:

- Provided a prescription drug disposal alternative.
- Addressed a need identified by community partners and healthcare organizations.
- Educated partner organizations and their staff about safe disposal and the work of BAPC around Rx drugs.
- Educated 50 seniors at a luncheon and adult day care facility about proper disposal.
- Created new partnerships with diverse stakeholder.
- Some partners were excited to participate (Bayada Hospice, Gathering Place, Brattleboro Memorial Hospital).

Challenges to the program:

- Issue of environmental impact still exists with a plastic container being added to a landfill.
- Addressing the concern of ingestion and making sure we had liability coverage.
- Time-consuming to label and distribute the containers.
- Appears that many partners did not have a plan for distribution to move their inventory.
- Not enough time between providing containers to partners and making this report to evaluate the success for partners.
- Some partners were unsure how to promote the containers (Brattleboro Housing Authority and funeral homes).