



Town of Burlington
Town Administrator's Office

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Robert A. Mercier, Town Administrator

April 24, 2011

Ms. Glenda Velez
United States Environmental Protection Agency
5 Post Office Square (OEP06-01)
Boston, Massachusetts 02109-3912

Annual Report - Reporting Period May 1, 2010 to May 1, 2011
Town of Burlington - Storm Water Management Program

To: Environmental Protection Agency

Attached to this transmittal letter is the Annual Report for the Town of Burlington's Storm Water Management Program for the reporting period May 1, 2010 to May 1, 2011.

This report combined with this transmittal letter constitutes a self-assessment review of compliance with the permit conditions. The attached report is constructed in table format to facilitate review of the progress on each Best Management Practice. The table contains a(n):

- assessment of the appropriateness of the selected BMPs
- assessment of the progress toward achieving the measurable goals
- summary of results of any information collected to date
- discussion of activities for the next reporting cycle
- discussion of any changes in identified BMPs or measurable goals

The Town of Burlington accomplished the following activities during the 8th permit year:

- Completed a catch basin stenciling project in May 2010 with the high school to engage students in stormwater awareness activities.
- Held a public meeting in March 2011 to discuss the pending new stormwater regulations. The purpose of meeting of meeting was to educate public officials and citizens of the new pending EPA NPDES regulations due out in 2011.
- Instituted monthly nature walks through undeveloped Town lands conducted by our Conservation Commission in part educate the public about the value of our natural resources in cleaning stormwater runoff and the contribution of our natural areas to our environment. Nature walks for public education are planned to continue indefinitely.

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- Implemented a revised street sweeping program. The DPW has implemented an intensified sweeping program with maps coded for sensitive areas (where streams and catch basins have received higher sand and pollutant loads).
- Installed six (6) new state-of-the-art catch basin structures (4 ft deep sumps) in sensitive areas that receive higher than normal pollutant load from street runoff. New catch basin installations will continue as needed during the next permit year.
- Added newly identified outfall locations to our maps and database.
- Outfall inspectors from engineering department were trained for inspection program to identify illicit discharges, sediment buildup, and the presence of oils
- Inspected 219 outfalls for illicit discharges and / or contaminated water flows and sediment buildup. 48 outfalls required removal of built-up sediment.
- Completed annual drainage structure inspection for oil and sediment buildup.. Results led to cleaning of 6 stormceptor structures.

If you have any questions or comments regarding the above or the attached annual report, please contact John Sanchez, DPW Superintendent, at Tel (781) 270-1670.

Sincerely yours,



Robert Mercier, Town Administrator
Town of Burlington, Massachusetts

Public Education and Outreach - Annual Report
Town of Burlington - Storm Water Management Program
Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
1 - 1	Develop brochure and / or fact sheet for homeowners	Final drafts - 1st yr; review by SWMC; distribute 2nd year	Extensive research done to identify resources materials. Pamphlet for homeowner has been drafted and reviewed by SWMC. Edits were incorporated. Brochure was mailed to all residents within Town.	Yes	None - was completed	No	<u>Completed</u> - Brochure addresses 'What is storm water pollution', 'What you can do', auto maintenance, yard work, herbicides and pesticides, landscaping, and painting.
1 - 2	Develop brochure and fact sheet for sector businesses	Draft within 2nd year; review by SWMC; distribute 3rd year	Draft brochure for business sectors was reviewed by BOH staff and finalized. Brochure was formatted, printed, addressed and mailed to all businesses within the Town of Burlington.	Yes	None - was completed	No	<u>Completed</u> - Draft brochure for business sectors was reviewed by BOH staff for food service facilities and finalized. Brochure was formatted, printed, addressed and mailed to all businesses within the Town of Burlington. Brochure addresses: - general best practices for all - landscape contractors - food service facilities - automotive repair shops
1 - 3	Collect / assemble educational materials for school use	Discuss with schools and collect materials	Efforts were made to identify educational materials for school use during 1 st and 2 nd permit years.	Yes	Additional search for resources will take place during the next reporting period.	Maybe	<u>Ongoing</u> - Adequate resource materials not identified (except for EPA placemat and stickers). A meeting was held in May 2006 with EPA personnel. EPA agreed to send a resource disk with additional materials that may be useful to schools. Additional efforts will be made to identify educational materials in subsequent years. Also, this curricula topic may not be a priority for schools compared with other objectives. Additional materials from EPA not received.

1 - 4	Place educational materials for BMPs 1-3 in library	If suitable materials found, discuss with library and place materials in library.	Some materials identified. Additional materials will be researched as per BMP 1.3.	Yes	Implement BMP1-3	No	<p>Ongoing - Intent was to place educational materials for children in library. If resources are identified, this will be done (as per BMP 1-3).</p> <p>Completed - Researched, developed, and customized for Town of Burlington residents extensive materials for public education on the subject of storm water pollution prevention for businesses and homeowners for development of Storm Water Information web pages for the Town.</p> <p>Developed, implemented, and launched Burlington Storm Water Management web page. The link may be found at http://www.burlington.org/dpw/Stormwater/index.html Materials were installed in pdf format for ready download by interested parties.</p>
1 - 5	Add storm water information and links to Town web site	Convert materials to pdf format in 4th yr; develop web pg 5th yr	Web site has been created with customized materials with multiple sub-pages.	Yes	Update web references and install on web site	No	<p>Ongoing - an Annual Meeting to be held in near future. Original 5 year permit committed to conducting 4 public meetings over the 5 year term. We have met that commitment.</p> <p>Public Meeting March 2011 - held to discuss the pending new stormwater regulations. Purpose of meeting was to educate Town board members and the public of pending new NPDES regulations due out in 2011.</p> <p>Ongoing 2010 - Monthly nature walks were implemented for public awareness of the importance of protecting our natural resources.</p> <p>Nature walks for public education on the contribution of our natural areas are planned to continue indefinitely.</p>
1 - 6	Publicize SWMC meetings for public education opportunities	Conduct at least 4 public meetings in 5 years	Annual meetings are usually held either in the Spring or Fall each year. Press releases are issued to local newspapers. The Burlington Conservation Commission has also instituted nature walks through natural resource areas. These walks are partially intended to educate citizens (including children) on the valuable roll that natural filtration plays in cleaning and infiltrating stormwater runoff.	Yes	Will continue	No	<p>Ongoing - an Annual Meeting to be held in near future. Original 5 year permit committed to conducting 4 public meetings over the 5 year term. We have met that commitment.</p> <p>Public Meeting March 2011 - held to discuss the pending new stormwater regulations. Purpose of meeting was to educate Town board members and the public of pending new NPDES regulations due out in 2011.</p> <p>Ongoing 2010 - Monthly nature walks were implemented for public awareness of the importance of protecting our natural resources.</p> <p>Nature walks for public education on the contribution of our natural areas are planned to continue indefinitely.</p>

Public Involvement and Participation - Annual Report
 Town of Burlington - Storm Water Management Program
 Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for Next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
2 - 1	Document existing public involvement opportunities	Summarize in 1st annual report	No activity	No	None	Yes	<u>Not continued</u> - Summary of existing public involvement opportunities(BMP 2-1) is not useful, since these opportunities are now being created under the EPA permit (i.e., Annual SWMC meeting, hearings on new bylaws, etc). This BMP will not be continued.
2 - 2	Publicize participation opportunities with Shawsheen, Mystic River, and Ipswich Watershed Associations	Monitor publicity generated in local newspapers during permit term. Provide assistance to ensure publicity if needed.	No activity	Yes	Continue monitoring for publicity of appropriate events.	No	<u>No action needed</u> - Activities of the Shawsheen, Mystic River, and Ipswich Watershed Associations are periodically publicized in the local newspaper. Further effort under this permit to publicize these activities is redundant and not needed. We will monitor to ensure that events are publicized and assist if needed.
2 - 3	Plan and implement projects with High School environmental group	Develop plan and implement additional stenciling projects during coming permit year	Made contact with Ms. Jill McInerney at the High School. A storm sewer stenciling project took place on April 21, 2007. Ten (10) students participated with DPW personnel who provided logistics and safety services. Will re-contact HS in 2011-2012 for another stenciling project.	Yes	Additional streets will be stenciled this coming year. Plans have made this permit year with local high school to engage students in a stenciling project	No	<u>Completed 2007</u> - The list of streets scheduled for stenciling include: - Spruce Hill - Valley - Shady Lane - Woodside - Pine Ridge - Partridge - Willow Way - Hickory Lane - Demone - Mark - Hope - Laurel Hill

							<p>Completed May 2010 - This year's stenciling project included the following streets:</p> <p>Sumpter Winena Rahway Olean Nevada Sedalia (sp) Moline Macen Gildley Princeton Carey Paulson Meadowvale</p>
2 - 4	Publicize SWMC meetings for opportunities for public involvement	Maintain copies of publicity in file over 5 year permit term	Press releases are always issued to local newspapers.	Yes	Press releases will continue to be issued.	No	<u>Ongoing</u> – will publicize meetings when held.
2 - 5	Issue press releases when storm water materials in library	Maintain copies of publicity in file over 5 yr permit term	Efforts were made to identify educational materials for school use during 1st and 2nd permit year. These resources would also be placed in the library. Adequate resource materials not identified (except for EPA placemat and stickers). Additional efforts will be made to identify educational materials.	Yes	Press releases will be issued when materials for library is ready.	No	<u>Ongoing</u> - See BMP 1-4

Illicit Discharge Detection and Elimination - Annual Report
 Town of Burlington - Storm Water Management Program
 Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities Next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
3 - 1	Map storm water system and outfall locations	Complete map and outfall database by end of 2nd permit year	The GIS mapping and outfall database is now complete.	Yes	None	No	<u>Completed 2004</u> - during 2nd permit year. Work left on mapping such as corrections to flow direction and the addition of some outfall locations was finished. <u>Completed 2010</u> - newly identified outfalls were added to map and database.
3 - 2	Finish map database and assign names for tributaries that discharge into named waterbodies	Finalize database in 2nd year; submit revised waterbodies list to EPA / DEP as permit modification if needed; and update mapping database in 3rd and 5th years from manual checking selected data.	Completed - GIS mapping and outfall database is 100 percent complete.	Yes	Submit information as needed to EPA.	No	<u>Completed 2004</u> - GIS mapping and outfall database is 100 percent complete during 2nd permit year.
3 - 3	Develop sampling and analysis plan for dry weather flows	Plan completed in year 1.	Completed	Yes	None	No	<u>Completed</u> - A plan was developed during 1st permit year to sample 5 locations of dry weather flows detected during the mapping field verification. Two samples were collected from each location.
3 - 4	Visually inspect outfalls for dry weather flows	Selective inspection 1st & 2nd year; spot inspection yrs 3-5, inspection records in program file	Town-wide inspection for first year was completed.	Yes	Selected inspections will be done if needed	No	<u>Completed 2004</u> - A field check of the entire town was completed as part of field verification to support the mapping activity. Five (5)

							outfalls were identified as having dry weather flows.
3 - 5	Conduct sampling at outfalls with dry weather flows	Conduct sampling - selected outfalls in 1st yr; selected additional sampling in years 3 & 5 if needed; results in program file	Sampling and analysis activities were completed at 5 outfall locations during 1st permit year.	Yes	Additional sampling will be done if needed	No	Completed - Each outfall location was sampled for bacteria, ammonia, surfactants, conductivity, and fluorides. Since no flowing water was occurring at 4 of 5 sites, samples of standing water at the mouth of pipe were taken. Based on these results, no illicit connections are believed to exist at these locations.
3 - 6	Develop training materials for DPW / others for illicit discharge	Develop training materials in subsequent year	No activity during this year	Yes	Develop training materials in subsequent year as needed.	No	Ongoing 2010 - Outfall inspectors were trained for inspection program to identify illicit discharges during this permit year.
3 - 7	Review current bylaws / regs relevant to illicit discharge - Burlington and other towns	Review was completed in 1st year	Complete	Yes	None	No	Completed - Extensive effort was made during the 1st permit year to identify bylaws in use by others districts (nationwide). Bylaws have been obtained that will serve as a model for Burlington's adoption and implementation of an illicit discharge bylaw. A review of these bylaws has been completed.
3 - 8	Develop bylaw to prohibit illicit discharge	Develop draft bylaw in 3rd year and brought to Town Meeting in 4th year for approval	Draft illicit discharge bylaw was presented to Planning Board, Board of Health, Conservation Commission, Board of Selectmen, and Town Bylaw Review Committee. Draft bylaw has also been reviewed by Town Counsel. Comments were incorporated. Presentation was made to September 2006 Town	Yes	None	No	Completed - Comments by Town Boards and Committees have been incorporated. Meetings and public hearings were held with various Town Departments to arrive at a consensus on implementation logistics for a new bylaw. Review by Town Counsel was completed. Town meeting approved bylaw in 4th permit year at the September 2006 Town Meeting. Approval of this bylaw was subsequently obtained by the State Attorney General.

				Meeting. Bylaw was adopted.						
3 - 9	Develop illicit discharge and detection plan	Plan to be finalized in next year.		Draft of Illicit Discharge and Detection Plan completed in a previous year. Also, the Town of Burlington developed a Vegetation Management Plan and Yearly Operational Plan and applied for a permit from the MA Dept of Agricultural Resources with respect to the spraying of pesticides on roadway vegetation. A public hearing was held during this past year to solicit public comment on the permit. The VMP was finalized and issued during this past year. (2008-2009)	Yes	Final illicit discharge and detection plan to be completed if required during the coming year to incorporate new provisions in the updated permit regulations due out from EPA in later 2011.	No	Ongoing - Finalization of illicit discharge plan has been re-scheduled for the next year as required by pending new regulations. However, we have installed an online reporting tool for the public to report incidents of illegal dumping into our stormwater system. The Town of Burlington makes it clear on this web page that illegal dumping into the stormwater system is a violation of the Clean Water Act and Burlington Bylaw Article XIV, Section 7. The implementation of the Vegetation Management Plan will minimize pesticide application to only approved areas, limits pesticide application in sensitive areas, and requires that precautions be taken to limit excess pesticide runoff and discharge into our stormwater system.		
3 - 10	Train DPW personnel to recognize illicit discharges	Train DPW / others in next year (which is after BMP 3-9 completed).		No activity scheduled for this reporting period.	Yes	Hold training sessions during next permit year	No	Ongoing May 2010 - training was implemented for outfall inspectors. Additional training will be accomplished as a illicit discharge and detection plan is completed if required by the new regulations due out in 2011.		
3 - 11	Implement discharge and detection plan	Plan will be implemented in next year and will be documented by records of activities relative illicit discharge and detection.		Vegetation Management Plan and Yearly Operational Plan has been implemented this year. Also, on-line reporting of illegal dumping activities through web installed on Stormwater Web site	Yes	Further activities may include sampling of impaired waters for coliform bacteria in compliance with new regulations due out 2011.	No	Completed May 2010 - 219 outfalls were inspected looking for contaminated water flows and sediment buildup. 48 outfalls required removal of built up sediment. Also completed May 2010 - annual drainage structure inspection for oil and sediment buildup, was completed. Results led to cleaning of 6 stormceptor structures.		

Construction Site Storm Water Runoff Control - Annual Report

Town of Burlington - Storm Water Management Program
Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for Next Reporting Cycle	Changes Reg'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
4 - 1	Collect and summarize other towns' sedimentation and erosion control bylaws	Sample bylaws collected, will be put in file for review.	Other districts' bylaws were found and reviewed.	Yes	None	No	<u>Completed</u> - Extensive effort was made to identify other districts' bylaws as a model has been completed. Review of these bylaws has been completed.
4 - 2	Summarize existing bylaws and regs within Burlington for evaluating storm water impacts	Summary memo to file (completed in 1st year)	Not completed	No	None scheduled	Yes	<u>Not continued</u> - The MA State Wetlands Protection Act and Burlington's Bylaw Articles XIV (Wetlands Protection) are the main regulations that offer evaluation of storm water impacts. These regulations are well known to Town residents. An additional summary memo would not provide any significant additional value.
4 - 3	Conduct meetings with various stakeholders in Town to obtain input regarding erosion bylaw implementation	Notes summarizing the results of these meetings (completed in 1st or 2nd year) in the form of minutes of meeting taken during Annual SWM/C meeting.	Discussions were held with various stakeholders in Town. Numerous public meetings were held.	Yes	None	No	<u>Completed</u>

4 - 4	Develop sedimentation and erosion control bylaw and obtain final approval	Develop draft bylaw and brought to Town Meeting for approval	<p>Draft erosion bylaw was presented to Planning Board, Board of Health, Conservation Commission, Board of Selectmen, and Town Bylaw Review Committee in public meetings. Draft bylaw has also been reviewed by Town Counsel. Comments were incorporated.</p> <p>Presentation was made to September 2006 Town Meeting.</p> <p>Procedures, standard conditions and logistics were developed during 2007 / 2008 permit year. Bylaw is fully operational at this time.</p>	Yes	Development of regulations to support bylaw.	No	<p>Completed - Comments by Town Boards and Committees have been incorporated. Meetings and public hearings were held with various Town Departments to arrive at a consensus on implementation logistics for a new bylaw. Review by Town Counsel was completed. Town meeting approved bylaw in 4th permit year at the September 2006 Town Meeting. Approval of this bylaw was subsequently obtained by the State Attorney General.</p> <p>Procedures, standard bmp permit conditions and logistics were developed during 2007 / 2008 permit year. Bylaw is fully operational at this time.</p> <p>Bylaw developed is relatively unique in Commonwealth. It features joint authority by Planning Board and Conservation Commission, and levels of permit / enforcement applicability based on size of land disturbance area proposed.</p>
4 - 5	Develop site inspection checklists to support bylaw implementation	Draft checklists completed in 5th year	Checklist completed.	Yes	None	No	<p>Completed – a site inspection checklist is available to support the implementation and enforcement of sedimentation and erosion control permits.</p>

Post Construction Stormwater Management - Annual Report

Town of Burlington - Storm Water Management Program

Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for Next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
5 - 1	Collect and summarize other towns' sedimentation and erosion control bylaws for post construction control	Sample bylaws collected, will be put in file for review.	Other districts' bylaws were found and reviewed.	Yes	None	No	Completed - Extensive effort was made to identify other districts' bylaws as a model has been completed. Review of these bylaws has been completed.
5 - 2	Summarize existing bylaws and regs within Burlington for eval stormwater impacts for post construction control	Summary memo to file (completed in 1st year to be done with BMP 4-2)	Not completed	No	None scheduled	Yes	Not continued - The MA State Wetlands Protection Act and Burlington's Bylaw Articles XIV (Wetlands Protection) are the main regulations that offer evaluation of storm water impacts. These regulations are well known to Town residents. An additional summary memo would not provide any significant additional value.
5 - 3	Conduct meetings with various stakeholders in Town to solicit input on implementing bylaw for post construction control	Notes summarizing the results of these meetings (completed in 1st or 2nd year) in the form of minutes of meeting taken during Annual SWMC meeting.	Discussions were held with various stakeholders in Town. Numerous public meetings were held.	Yes	None	No	Completed

5 - 4	Develop sedimentation and erosion control bylaw and obtain final approval for post construction control	Develop draft bylaw and brought to Town Meeting in 4th year for approval	<p>Draft erosion bylaw was presented to Planning Board, Board of Health, Conservation Commission, Board of Selectmen, and Town Bylaw Review Committee in public meetings. Draft bylaw has also been reviewed by Town Counsel. Comments were incorporated.</p> <p>Presentation was made to September 2006 Town Meeting.</p> <p>Procedures, standard conditions and logistics were developed during 2007 / 2008 permit year. Bylaw is fully operational at this time.</p>	Yes	Development of regulations to support bylaw.	No	<p>Completed - Comments by Town Boards and Committees have been incorporated. Meetings and public hearings were held with various Town Departments to arrive at a consensus on implementation logistics for a new bylaw. Review by Town Counsel was completed. Town meeting approved bylaw in 4th permit year at the September 2006 Town Meeting. Approval of this bylaw was subsequently obtained by the State Attorney General.</p> <p>Procedures, standard bmp permit conditions and logistics were developed during 2007 / 2008 permit year. Bylaw is fully operational at this time.</p> <p>Bylaw developed is relatively unique in Commonwealth. It features joint authority by Planning Board and Conservation Commission, and levels of permit / enforcement applicability based on size of land disturbance area proposed.</p>
5 - 5	Develop site inspection checklists to support bylaw implementation for post construction control	Draft checklists completed in 5th year	Checklist completed.	Yes	None	No	<p>Completed – a site inspection checklist is available to support the implementation and enforcement of sedimentation and erosion control permits.</p>

Pollution Prevention and Good Housekeeping - Annual Report

Town of Burlington - Storm Water Management Program

Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for Next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
6 - 1	Summarize existing procedures within Burlington for preventing pollution from parks/open space, fleet, storage yards, roads/parking lots, and storm sewer maintenance activities	Summary memo to file to be completed.	Work has begun to identify and collect existing procedures.	Yes	None.	No	<u>Completed</u> – after interviewing various town personnel, existing written procedures were found to be non-existent. However, best practices were being followed in many instances.
6 - 2	Summarize existing Town of Burlington programs for preventing pollution (including Recycling, Haz Waste Collection, mercury recycling, activities of stream cleaning committee, and stream cleaning program)	Summary memo to file.	Work has begun to assemble materials for this activity.	Yes	None	No	<u>Completed</u> - existing programs were identified and found to be documented in Annual Report and reported to the public in various public meeting forums of the Conservation Commission and Board of Health. No further documentation is needed.
6 - 3	Develop and promulgate procedures (as needed) for controlling pollutant discharges from the maintenance of parks and open space	Procedures to be developed in 5th permit year followed by implementation	Procedures were developed .	Yes	None	No	<u>Completed</u> – Procedures were drafted, reviewed, and finalized based on input from all relevant town departments. Procedures were then published on web Burlington Storm Water web page.
6 - 4	Develop and promulgate procedures (as needed) for controlling pollutant discharges from the maintenance of vehicle fleet	Procedures to be developed in 5th permit year followed by initial implementation	Procedures were developed .	Yes	None	No	<u>Completed</u> – Procedures were drafted, reviewed, and finalized based on input from all relevant town departments. Procedures were then published on web Burlington Storm Water web page.
6 - 5	Develop and promulgate implement procedures (as needed) for controlling pollutant discharges from the maintenance of storage yards	Procedures to be developed in 5th permit year followed by initial implementation	Procedures were developed .	Yes	None	No	<u>Completed</u> – Procedures were drafted, reviewed, and finalized based on input from all relevant town departments. Procedures were then published on web Burlington Storm Water web page.

6 - 6	Develop and promulgate procedures (as needed) for controlling pollutant discharges from the maintenance of streets and parking lots	Procedures to be developed in 5th permit year followed by initial implementation	Procedures were developed .	Yes	Develop vegetation management plan	No	<u>Completed</u> – Procedures were drafted, reviewed, and finalized based on input from all relevant town departments. Procedures were then published on web Burlington Storm Water web page.
6 - 7	Develop and promulgate procedures (as needed) for controlling pollutant discharges from the maintenance of storm sewer system	Procedures to be developed in 5th permit year followed by initial implementation	Procedures were developed .	Yes	None	No	<u>Completed</u> – Procedures were drafted, reviewed, and finalized based on input from all relevant town departments. Procedures were then published on web Burlington Storm Water web page.
6 - 8	Develop training materials for controlling pollutant discharges from operation and maintenance activities by town personnel	Training materials to be drafted.	No activity. Not scheduled for this reporting period.	Yes	Draft training materials next year	No	<u>Ongoing</u> - Rescheduled for completion next year.
6 - 9	Finalize training materials and implement training sessions for controlling pollutant discharges from operation and maintenance activities by town personnel	Training materials to be finalized next year and training sessions implemented in subsequent year	No activity. Not scheduled for this reporting period.	Yes	Finalize training materials and implement training sessions for controlling pollutant discharges from operation and maintenance activities by town personnel during next permit year.	No	<u>Ongoing</u> - Rescheduled for completion in next year

BMPs for Meeting TMDL - Annual Report
 Town of Burlington - Storm Water Management Program
 Reporting Period: May 1, 2010 to May 1, 2011

BMP ID #	BMP Description	Measurable Goal	Progress Toward Achieving Goals	BMP Still Approp 'yes / no'	Activities for Next Reporting Cycle	Changes Req'd in BMP 'Yes / No'	Comments, Notes, and/or Summary of Results
7 - 1	Continue street sweeping program and implement other activities to reduce suspended solids and other pollutants from entering out streams in stormwater.	Priority to be given in both frequency and priority street sweeping to Butterfield Pond, Vine Brook, Sandy Brook, and Long Meadow Brook to reduce turbidity, suspended solids and other pollutants from entering our streams. (implemented in all permit years); budget available for review	Yearly activity	Yes	Continue higher intensity and focused street sweeping program. Install new catch basins in higher pollutant load runoff areas.	No	<u>Completed 2010 - A</u> revised street sweeping approach has continued during 2010 and into 2011 and is now in effect. The DPW has implemented an intensified sweeping program with maps coded for sensitive areas (where streams and catchbasins have received higher sand and pollutant loads). An operating procedure has been developed to instruct personnel on the revised plan.
7 - 2	Implement illicit discharge & detection plan	Priority given to Long Meadow Brook and Sandy Brook areas which are impaired with pathogens and have TMDLs (to be implemented in 5th year). Records of activity to be placed in program file	On-line reporting of illegal dumping activities through web installed on Stormwater Web site Inspections of outfalls, catch basins and street runoff identifies problem areas as per BMP 3-11 Replacement and new installation of catch basins was planned during this permit year (2010) and completed. Design drawings were completed for 9 state-of-the-art catch basin structures (4 ft deep sumps) in sensitive areas that receive higher than normal pollutant load from street runoff. These new installations are planned for Sandy Brook area (4), Long Meadow Brook area (2), and Bedford Street area (3) during the	Yes	Initial activities may include sampling of impaired waters (if needed) for coliform bacteria under the revised permit provisions to be issued in later 2011.	No	<u>Ongoing</u> - will continue <u>Ongoing effort 2010</u> - plan is not finished. However, we have installed an online reporting tool for the public to report incidents of illegal dumping into our storm water system. The Town of Burlington makes it clear on its Stormwater Web page that illegal dumping into the stormwater system is a violation of the Clean Water Act and Burlington Bylaw Article XIV, Section 7. <u>Ongoing 2010</u> - 6 areas of direct discharge from

							streets to streams have been addressed. Six (6) catch basin projects have been completed to install state of art structures basins in these areas. More will be installed if needed and as additional areas are identified.
7 - 3	Implement Control Measures 6-3 to 6-7 to reduce pathogen load and other pollutants contributed by storm sewers to Vine Brook, Sandy Brook and Long Meadow Brook. (repeat from above)	Procedures drafted and implemented in 5th year	Procedures drafted and finalized	Yes	None.	No	<u>Completed</u>
7 - 4	Develop surface water sampling plan (both source and in-stream) for fecal coliform on Vine Brook, Sandy Brook, and Long Meadow Brook (impaired streams)	Develop plan in next year to be developed after EPA finalizes regulations for next general permit.	No activity.	Yes	Plan for surface water sampling of impaired waters for coliform bacteria, will be developed during next permit year under the revised permit provisions due out from EPA in later 2010.	No	<u>Ongoing</u> – rescheduled for implementation next year if required by new permit regulations due out in 2011.
7 - 5	Implement surface water sampling plan	Conduct sampling in next year	No activity	Yes	Initial surface water sampling of impaired waters for coliform bacteria, will be done during next permit year under the revised permit provisions due out from EPA in later 2010.	No	<u>Ongoing</u> - rescheduled for completion next year if required by new permit regulations due out in 2011.