



TOWN OF DALTON

Town Hall
462 Main Street
Dalton, MA 01226-1601

Telephone (413) 684-6111

Fax (413) 684-6107

ANIMAL CONTROL/HEALTH AGENT, Ext. 28
BOARD OF ASSESSORS, Ext. 21
BOARD OF APPEALS, Ext. 29
INSPECTION SERVICES, Ext. 27 or 29
PLANNING BOARD, Ext. 29
TREASURER, Ext. 18

TOWN MANAGER, Ext. 12
TOWN ACCOUNTANT, Ext. 17
TOWN CLERK/REGISTRAR, Ext. 15
TOWN COLLECTOR, Ext. 25
SELECT BOARD, Ext. 11
OTHER BOARDS, Ext. 11

April 29, 2005

U.S. Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

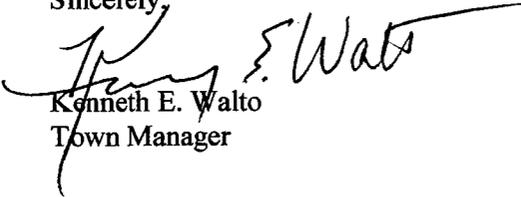
RE: EPA NPDES Permit Number MA041004

To Whom It May Concern:

Enclosed please find the NPDES Phase II Small MS4 General Permit Annual Report filed by the Town of Dalton. This report has been prepared according to the reporting format available through the U.S. Environmental Protection Agency at www.epa.gov/NE/npdes/stormwater/ms4-annual-rpt.html. A signature page including certification in accordance with Part VI.G of the Permit is enclosed. Signature requirements for the Town of Dalton have been met.

The Annual Report has been sent to the Massachusetts Department of Environmental Protection, Division of Watershed Management. If you have any questions, please feel free to contact me at (413) 684-6122.

Sincerely,


Kenneth E. Walto
Town Manager

Municipality/Organization: Dalton

EPA NPDES Permit Number: MA041004

MaDEP Transmittal Number: W-036254

**Annual Report Number
& Reporting Period:** No. 2: March 04-March 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Kenneth E. Walto **Title:** Town Manager

Telephone #: (413) 684-6111 Ext. 12 **Email:** daltonth@bcn.net

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Part II. Self-Assessment

The results of the self-assessment review of compliance with all permit conditions for the Town of Dalton is included here. This self-assessment consists of a statement of full compliance. Information regarding the status of compliance with the minimum control measures is included in Part III of the annual report and is not included here.

The Town of Dalton has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions.

Part III. Summary of Minimum Control Measures

The BMP, responsible party, and measurable goal information from the Town of Dalton's NOI have been description of the progress made toward achieving the measurable goals during the prior year and what ac for next year are included in the last two columns, respectively. Changes that revise/replace or add compo water management program have not been proposed.

The implementation schedule included within the NOI has not been revised.

1. Public Education and Outreach

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit Y |
|-----------------|------------------------|--------------------------------------|--|--|---|
| 1.1 | Educational Brochures | Stormwater Committee | Develop and distribute brochures per attached plan | <ul style="list-style-type: none"> Researched relevant and available educational brochures on the impacts of stormwater available through EPA, DEP, Watershed Associations and others. Developed educational brochures on practices for reducing pollutants and on the impacts of stormwater through a contract with the Berkshire Regional Planning Commission (BRPC) | <ul style="list-style-type: none"> Distri Distri permi applic Devel for stc |
| Revised | | | | | |
| 1.2 | Educational Display | Local School | Create display for Town Hall and town library | <ul style="list-style-type: none"> None to date | <ul style="list-style-type: none"> No ac Prepa for to for Y |
| Revised | | | | | |

2. Public Involvement and Participation

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit Year |
|----------|------------------------------------|-------------------------------|---|--|---|
| 2.1 | Involve public in planning process | Select Board | Establish a Stormwater Committee | <ul style="list-style-type: none"> Formed Stormwater Committee with members of DPW, Con Com, Planning, Inspectors and public. | <ul style="list-style-type: none"> Conduct Stormwater Year Invite public to participate in planning process |
| Revised | | | | | |
| 2.2 | Storm drain labeling | Housatonic Valley Association | Label storm drains in defined neighborhoods | <ul style="list-style-type: none"> Developed a storm drain labeling program for elementary children geared toward fourth grade through efforts conducted by HVA | <ul style="list-style-type: none"> Conduct storm drain labeling program toward fourth grade through efforts conducted by HVA |
| Revised | | | | | |
| 2.3 | River clean-up | Housatonic Valley Association | Conduct semi-annual river clean-ups | <ul style="list-style-type: none"> None to date | <ul style="list-style-type: none"> Conduct semi-annual river clean-ups on an annual basis |
| Revised | | | | | |

3. Illicit Discharge Detection and Elimination

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit |
|----------------|---|-----------------------------------|------------------------------|--|--|
| 3.1 Revised | Detect and eliminate illicit discharges | Public Works | See attached plan | <ul style="list-style-type: none"> Drafted program manual outlining schedules and tasks Identified priority areas of town based on age of infrastructure, water quality concerns, etc. Drafted an inspection certification process | <ul style="list-style-type: none"> Set-up Set-up Responsible Develop and Propose Verify Organize Waste |
| 3.2 Revised | Storm system map | Public Works | Map 20% of outfalls per year | <ul style="list-style-type: none"> Developed storm sewer system map (20% of outfalls) <p>(BRPC developed a GIS based map.)</p> | <ul style="list-style-type: none"> Develop Map |
| 3.3 Revised | Prohibit non-stormwater discharges | Stormwater Committee | Develop bylaw | <ul style="list-style-type: none"> Evaluated model bylaws and General Bylaw prohibiting non-stormwater discharges Identified enforcement authority for stormwater prohibition Assessed the status of local regulations, policies and resources that may be used in developing appropriate stormwater programs through efforts conducted by BRPC | <ul style="list-style-type: none"> Evaluate Propose Prohibit Discipline Define For non Storm Pass Exist Storm Storm |
| 3.4 Revised | Illicit discharge training | Public Works/Stormwater Committee | See attached plan | <ul style="list-style-type: none"> Planned opportunities for training in illicit discharge detection and elimination | <ul style="list-style-type: none"> Provide On illicit Elimination Develop About |

| | | | | | |
|---------|---------------------------------------|--------------|--------------|---|---|
| 3.5 | Investigate non-stormwater discharges | Public Works | Collect data | <ul style="list-style-type: none"> • Ongoing investigation into sanitary connections • No sanitary connections have been identified • Collected and kept records of water quality sampling results (HVA) • Conducted investigation of potential sewer line leak into Walker Brook (HVA) | <ul style="list-style-type: none"> • Inve disc cond insp • Con wher • Con publ • Coll water (HV • Rept conn (HV • Inve base resul • Disc imm |
| Revised | | | | | |

4. Construction Site Stormwater Runoff Control

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit Year 2 |
|----------------|-------------------------------|---------------------------------|--|---|---|
| 4.1 Revised | Regulate construction run-off | Stormwater Committee | Develop bylaw | <ul style="list-style-type: none"> Reviewed model bylaws for sediment and erosion control for all construction sites >= 1 acre Assessed the status of local regulations, policies and resources that may be used in developing appropriate stormwater programs through efforts conducted by BRPC | <ul style="list-style-type: none"> Work develop Subd regul |
| 4.2 Revised | Promote the use of BMPs | Permit granting boards | Develop training and review procedures | <ul style="list-style-type: none"> Planned opportunities for board members to receive site plan/BMP training (NEMO) | <ul style="list-style-type: none"> Deve proce Provi storm and p Plan mem plan/ |
| 4.3 Revised | Enforce regulations | Building Inspector | Develop inspection and enforcement procedure | <ul style="list-style-type: none"> Planned opportunities for training on NPDES Phase II regulations and requirements Continued availability of the Berkshire Conservation Agent program to Con Com/permitting authorities to improve capacity for inspection and enforcement | <ul style="list-style-type: none"> Deve enfor Impr Build enfor throu |
| 4.4 Revised | Sanctions | Building Inspector | Define penalties, fees, sanctions for non-compliance | <ul style="list-style-type: none"> None to date | <ul style="list-style-type: none"> Deter inspe appr sanct Appr non-c |
| 4.5 | Incorporate public input | Public Works/Building Inspector | Set-up Stormwater hotline | <ul style="list-style-type: none"> Identified a contact person/department | <ul style="list-style-type: none"> Reass perso Conti |

| | | | | | |
|---------|--|--|--|--|--|
| Revised | | | | | |
|---------|--|--|--|--|--|

5. Post-Construction Stormwater Management in New Development and Redevelopment

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit |
|-----------------|---|---|---|--|---|
| 5.1 | Regulate post-construction run-off | Stormwater Committee/Planning Board | Develop or amend bylaws | <ul style="list-style-type: none"> Reviewed model bylaws to control/reduce runoff in all new and re-development sites ≥ 1 acre Assessed the status of local regulations, policies and resources that may be used in developing appropriate stormwater programs through efforts conducted by BRPC | <ul style="list-style-type: none"> Development and acre Work on permit |
| Revised | | | | | |
| 5.2 | Promote the use of BMPs | Permit granting boards | Develop training and review procedures | <ul style="list-style-type: none"> Planned opportunities for board members to receive site plan/BMP training (NEMO) | <ul style="list-style-type: none"> Development Record Permit Sub regu Plan men plan |
| Revised | | | | | |
| 5.3 | Require operation and maintenance plans | Stormwater Committee/Permit granting boards | Develop bylaw and record keeping system | <ul style="list-style-type: none"> None to date | <ul style="list-style-type: none"> Enc prol stor Req Mai Dev syst |
| Revised | | | | | |
| Revised | | | | | |

6. Pollution Prevention and Good Housekeeping in Municipal Operations

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any) | Planned Permit Year 2 |
|----------------|---|-------------------------------|---|--|---|
| 6.1 Revised | Reduce runoff from municipal operations | Public Works | Develop pollution prevention program | <ul style="list-style-type: none"> Developed SWPPP for Highway Garage Established record-keeping for regular pollution prevention activities | <ul style="list-style-type: none"> Develop program and plan for activities |
| 6.2 Revised | Maintain and inspect public properties | Public Works | Adopt operation and maintenance program | <ul style="list-style-type: none"> Cleaned and inspected catch basin at transfer station Conducted annual inspection of highway garage and transfer station in accordance with SWPPP | <ul style="list-style-type: none"> Monitor catch basin Adopt Main building Inspect transfer station in accordance with SWPPP |
| 6.3 Revised | Municipal housekeeping training | Stormwater Committee | See attached plan | <ul style="list-style-type: none"> Planned opportunities for municipal employees and board members to pursue pollution prevention training | <ul style="list-style-type: none"> Plan and implement pollution prevention training |

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applic

This item is applicable only to those municipalities with MS4 discharges into a water body that has an approved TMDL and where the municipality is required to implement storm water waste load allocation (WLA) for the TMDL.

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any) | Planned Permit Year |
|-----------------|------------------------|--------------------------------------|---------------------------|---|----------------------------|
| 7.1 | TMDL not yet developed | | | | |
| Revised | | | | | |

Part IV. Summary of Information Collected and Analyzed

The results of information or data, if any, that was collected and analyzed during Permit Year 1, but was not included elsewhere in the report or requires further elaboration has been included here. Information and data within this section may include results/trends from any storm or receiving water quality monitoring, beach monitoring or closure statistics, assessment of particular BMP performance, or financial impact of program implementation.

The Housatonic Valley Association (HVA) has conducted water quality monitoring of the East Branch of the Housatonic River during Year 2. HVA is currently in the process of summarizing water quality results and analyzing trends.

Part V. Program Outputs & Accomplishments (OPTIONAL)

The Town of Dalton has elected not to include estimated program results and accomplishments that have been realized during Year 2.

Stormwater Management Plan: Town of Dalton

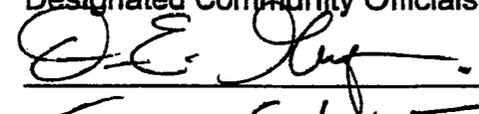
Prepared for:
Compliance with federal National Pollution Discharge Elimination System (NPDES)
Phase II Stormwater program

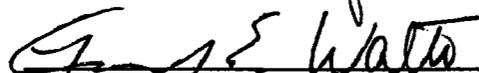
Prepared by:
Berkshire Regional Planning Commission

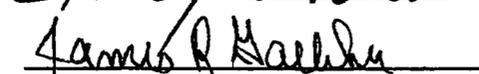
Submitted to:
US Environmental Protection Agency, Region 1
MA Department of Environmental Protection

Dates:
Approved February 24, 2003
Submitted: March 10, 2003

Designated Community Officials


Chair, Select Board


Town Manager


Highway Superintendent


Chair, Construction Commission

Stormwater Management Plan: Town of Dalton

Introduction

The Town of Dalton is required to comply with the recently promulgated National Pollutant Discharge Elimination System, Phase II regulations regarding stormwater management. The ultimate goals of this program are to improve the water quality in the Housatonic River and its tributaries in downtown Dalton, by preventing nonpoint source runoff and illicit stormwater discharges.

Waterways of Dalton:

- East Branch Housatonic River
- Cleveland Brook
- Wahconah Falls Brook
- Egypt Reservoirs and Brook
- Anthony Brook
- Center Pond
- Walker Brook
- Barton Brook
- Brattle Brook
- Sackett Brook
- Hathaway Brook, Ashley Brook and Windsor Brook (outside the jurisdictional area)

The East Branch Housatonic River is the main waterway through town. It enters Dalton from Hinsdale. The river travels northwesterly along Rt. 8 until it reaches Center Pond in the Dalton Town Center. The river leaves Center Pond to cross the first of 5 dams within Dalton. It travels in a southwesterly direction to the Pittsfield city line.

The East Branch Housatonic River (from its source to Center Pond) is on the 2002 Draft Integrated List of Waters, category 5, for Priority Organics. Below Center Pond, the river is listed for Cause Unknown, Unknown Toxicity, Priority Organics and Pathogens.

Center Pond is an impoundment of the East Branch Housatonic River. Wahconah Falls Brook (from the northeast) and Anthony Brook (from the north) are major tributaries to Center Pond.

Center Pond is on the 2002 Draft Integrated List of Waters, category 5, for Priority Organics. In 2002, the Department of Environmental Protection researched the presence of Priority Organics in Center Pond. Results are not available at the time of this draft, but are expected to be released in 2003.

Stormwater quality issues unique to Dalton

- Sources of Sediment to Center Pond
- Presence or absence of Priority Organics in Center Pond
- Sources of pathogens to the East Branch Housatonic River
- Illicit discharges in the High St./Park St. neighborhood
- Illicit discharges in neighborhoods off Rt. 9
- Illicit discharges off E. Housatonic Street
- Illicit discharges in neighborhoods off Kirchner Rd.
- Impacts on stormwater from future residential/commercial/industrial development
- Residential practices such as lawn watering, fertilizer use, pet waste, septic system maintenance.
- Municipal practices such as street sweeping, catch basin cleaning, vehicle washing, sand/salt storage and application, pollution prevention.

Challenges Faced by Dalton

- Lack of funding and limited staff resources
- Burden of public awareness for federal regulations
- Limited existing regulatory authority
- Overlapping stormwater infrastructure with MA Highway Department
- Implementation waiting on model regulations yet to be prepared by DEP and EPA
- Staff and municipal board members need to acquire BMP and stormwater training

Potential Sources of funding

- State Revolving Fund (loans)
- 604b Water Quality Management Planning grants
- 104b3 Water Quality and Watershed Assistance grants
- s319 Nonpoint Source Pollution grants (may be limited)
- EOEa GROWetlands grants
- DCS Self-Help grants (land purchase)
- MET grants

Other

There are no Federally Listed endangered species known to inhabit Dalton. This was verified through a database search of the US Fish and Wildlife Service's Endangered Species program and the MA Natural Heritage and Endangered Species Program.

The following National Historic Register properties will not be negatively affected by this plan:

- Crane and Company, Main Street
- Dalton Grange Hall, South Street and Grange Hall Road
- East Main Street Cemetery, E. Main Street

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Education and Outreach

Implement a public education program to distribute educational materials to the community and perform water quality audits of stormwater discharges and steps that can be taken to reduce them.

Focus on reaching citizens at home, through schools and workplaces and through regular town meetings. Priorities will be defined based on important community water resources, especially Center Pond, and sources of pollution, especially those that threaten public health.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|-------------------------------|--|--|
| Public education on the | <ul style="list-style-type: none"> ▪ Develop educational brochures, or select brochures prepared by EPA, DEP, BRPC, Watershed Associations and others ▪ Distribute brochures in tax bills ▪ Distribute brochures to building permit and other permit applicants ▪ Develop list of contacts for local schools, watershed organizations, stream teams, neighborhood groups, etc. | <p>Stormwater Committee, DPW and Conservation Commission, Year 1</p> <p>Tax Assessor, Years 2-5</p> <p>Building Inspector, Years 2-5</p> <p>Stormwater Committee, Year 3</p> |
| Address the public stormwater | <ul style="list-style-type: none"> ▪ Develop subsequent brochures on specific practices for reducing pollutants ▪ Distribute brochures as above ▪ Prepare an educational display for town hall/library | <p>Stormwater Committee, DPW and Conservation Commission, Years 2-5</p> <p>Tax Assessor Years 3 & 5, Building Inspector Years 2-5</p> <p>Local school, Years 4-5</p> |

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Implementation/Participation

Provide opportunities for citizens to participate in the development and implementation of the Phase II Stormwater Management Program.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|----------------|--|---|
| Implementation | <ul style="list-style-type: none"> ▪ Develop the Stormwater Management Plan using a public process ▪ Establish a Citizen Panel for stormwater planning ▪ Invite the public to stormwater committee meetings ▪ Organize community/river clean-up ▪ Conduct storm drain labeling project with local elementary students ▪ Air stormwater committee meetings on cable access TV | <p>DPW, Stormwater Committee, Years 1-5</p> <p>Select Board, Year 1</p> <p>Town Manager, Years 1-5</p> <p>Housatonic Valley Association, Year 2</p> <p>Housatonic Valley Association, Year 1</p> <p>Town Manager, Years 1-5</p> |

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Large Detection and Elimination

The town will institute an Illicit Discharge Detection and Elimination Plan (IDDEP) that concentrates on local citizen input and measures of prevention. Most of the area covered under this program is served by sewer, therefore septic influences are not anticipated.

The full IDDEP will be the passage of a municipal bylaw defining and prohibiting illicit discharges into the town Sewer System (MS4). No existing illicit discharges will be grandfathered, therefore, an enforcement program will also be instituted to identify and remove these discharges. Recognizing that an enforcement program must be followed for passing a new municipal bylaw, the detection, prevention and awareness program will be initiated at the beginning of the 5-year program. The elimination aspects of the program will be under the purview of the regulatory authority.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|--------------------|--|--|
| Illicit discharges | <ul style="list-style-type: none"> ▪ Prepare a program manual outlining each task with a schedule for implementation ▪ Identify priority areas based on water quality concerns, age of infrastructure, etc. ▪ Where dry-weather discharges are found, track the drain system upstream by visual inspection of catch basins and drop inlets ▪ Identify land uses of higher potential pollutant loads (as defined by the MA Stormwater Policy) on the MS4 map ▪ Set-up and advertise a hotline for reporting illicit discharges and illegal dumping and develop protocol for following up all calls within 24-48 hours ▪ Conduct additional annual field inspections based on public input and water quality sampling results from HVA | <p>DPW</p> <p>Stormwater Committee, Year 1</p> <p>DPW, investigation within 24-48 hrs</p> <p>DPW, as funding allows</p> <p>DPW, Year 1</p> <p>DPW, as needed</p> |
| Illicit discharges | <ul style="list-style-type: none"> ▪ Where illicit discharges are suspected, contact property owners by mail and solicit their help in resolving the situation ▪ Where illicit discharges are suspected, the town will have the authority to conduct surveys, audits, dye or smoke testing to locate source of discharges ▪ Where sanitary wastewater is suspected, the Board of Health or DPW will act to eliminate the connection immediately ▪ Enforce prohibition of non-stormwater discharge (see below) | <p>DPW, as needed</p> <p>DPW, as needed, 1-2 expected per year</p> <p>DPW, Board of Health, as needed</p> <p>DPW, Years 2-5</p> |

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Site Stormwater Runoff Controls

Implement and enforce a sediment and erosion control program to reduce pollutants in stormwater runoff from activities that disturb one or more acres of land.

Coordinate with the regulatory authority established through municipal bylaws including the zoning, subdivision and other regulations.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|-------------------------|--|---|
| Runoff controls | <ul style="list-style-type: none"> Develop a Sediment and Erosion Control bylaw that applies to construction sites ≥ 1 acre (cumulative), in upland or wetland areas Work with Planning Board to develop bylaw as part of Zoning, Subdivision and Special Permit regulations | <p>Stormwater committee, Years 1-2</p> <p>Planning Board, Year 2</p> |
| BMPs | <ul style="list-style-type: none"> Develop Site Review Procedures for Planning/Zoning/Conservation Provide training opportunities for board members to learn more about BMP technologies and how to use them (NEMO) Provide information on appropriate BMPs to developers | <p>Planning Board, Conservation Commission, Years 2-3</p> <p>Town Manager, Years 1 and 3</p> <p>Building Inspector, Years 2-5</p> |
| Enforcement regulations | <ul style="list-style-type: none"> Develop a site inspection and enforcement procedure Improve capacity of Conservation Commission enforcement in wetlands areas through training and use of Berkshire Conservation Circuit Rider Improve capacity of Building/Zoning inspectors enforcement in upland areas through training | <p>Building Inspector, Year 1</p> <p>Select Board approval, Years 1-5</p> <p>Building Inspector, Year 2</p> |
| | <ul style="list-style-type: none"> Determine cost of typical inspection process and define appropriate penalties, fees, sanctions for non-compliance Sanctions may include monetary and non-monetary penalties | <p>Building Inspector, Year 2</p> <p>Select Board approval, Year 2</p> |
| | <ul style="list-style-type: none"> Identify a contact person/dept (probably the Building/Zoning inspector) Advertise the stormwater reporting telephone line | <p>Building Inspector, Years 1-5</p> <p>Town Manager, Year 1</p> |

Control Measures for Meeting NPDES Phase II Stormwater Requirements

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|-----------------------------------|--|--|
| owing outfalls | <ul style="list-style-type: none"> ▪ Conduct field surveys and review old maps to identify 20% of outfalls each year ▪ Develop MS4 system network map indicating direction of flow and catchment area for each outfall | <p>DPW, Years 1-5</p> <p>DPW, as funding allows</p> |
| non-stormwater | <ul style="list-style-type: none"> ▪ Evaluate model bylaws and information from EPA/DEP, and propose General Bylaw prohibiting non-stormwater discharges at Town meeting ▪ Identify Public Works Dept., Board of Health, and Building inspector as the enforcement authorities ▪ Pass general bylaw | <p>Stormwater Committee, Year 1-2</p> <p>Stormwater Committee, Year 1</p> <p>Town Meeting, Year 2</p> |
| water | <ul style="list-style-type: none"> ▪ Enforce Illicit connections regulations ▪ Develop an inspection and enforcement procedure and a certification of inspection process ▪ Develop notification of stormwater problem process ▪ Define penalties, fees, sanctions for non-compliance ▪ Develop a tracking system, possibly using GIS ▪ Keep disconnection program records | <p>DPW, Years 2-5</p> <p>DPW, Year 2</p> <p>DPW, Year 2</p> <p>Stormwater Committee, Year 2</p> <p>DPW, as funding allows</p> <p>DPW, Years 1-5</p> |
| citizens and about hazards of ing | <ul style="list-style-type: none"> ▪ Train municipal employees regarding pollution prevention, detection techniques, and hazards of illicit connections ▪ Utilize/attend programs offered by BRPC, DEP, EPA, etc. ▪ Develop and distribute brochures, or select brochures from EPA, DEP, and others ▪ Promote proper disposal of hazardous wastes; Institute hazardous waste collection days | <p>DPW, as opportunity, at least 1x/year</p> <p>DPW, municipal boards, as opportunity</p> <p>DPW, Conservation Commission, Year 1-2</p> <p>DPW, Year 3 & 5</p> |
| iter discharges 'oblem' | <ul style="list-style-type: none"> ▪ Determine if "allowable" discharges are a problem ▪ Collect Stream Team data and water quality sampling results | <p>DPW, Conservation Commission, citizens, HVA, ongoing</p> <p>HVA, Conservation Commission, Select Board</p> |

discharges are:

- 10. irrigation water, springs;
- 11. water from crawl space pumps;
- 12. footing drains;

Control Measures for Meeting NPDES Phase II Stormwater Requirements

- ;
- ndwater infiltration;
- ped groundwater;
- le water sources;
- ensation;
- 13. Lawn watering;
- 14. individual resident car washing;
- 15. flows from riparian habitats and wetlands;
- 16. dechlorinated swimming pool discharges;
- 17. street wash water;
- 18. residential building wash waters without detergents.

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Construction Stormwater Management

Implement and enforce a program to reduce pollutants in post-construction runoff from new development projects.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|-----------------|---|---|
| Construction | <ul style="list-style-type: none"> ▪ Develop or amend existing bylaws to control/reduce runoff on new and redevelopment for sites >= 1 acre (cumulative), in upland or wetland areas ▪ Work with Planning Board to develop bylaw as part of Zoning, Subdivision and Special Permit regulations | <p>Stormwater committee, Years 1-2</p> <p>Planning Board, Year 2</p> |
| BMPs | <ul style="list-style-type: none"> ▪ Develop Site Review Procedures for Planning/Zoning/Conservation ▪ Provide training opportunities for board members to learn more about BMP technologies and how to use them (NEMO) ▪ Recommend appropriate BMPs in Performance standards for Subdivision/Special Permit regulations | <p>Planning Board, Conservation Commission, Years 2-3</p> <p>Town Manager, Years 1 and 3</p> <p>Stormwater committee, Year 2</p> |
| Enforcement and | <ul style="list-style-type: none"> ▪ Place requirement for O&M plans in bylaw (see above) ▪ Encourage public reporting of problems ▪ Develop a record-keeping system for O&M plans | <p>Stormwater committee, Years 1-2</p> <p>Town Manager, Year 1</p> <p>Planning Board, Conservation Commission, Year 2 and ongoing</p> |



PLEASANT
VIEW DR

SOUTH ST

HIGH ST

SUNNY-
SIDE DR

LOWER RD

COMRAIL RR

ORCHARD
RD

HOLIDAY
COTTAGE RD

EAST ST

NORTH ST

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Prevention/Good Housekeeping for Municipal Operations

Develop and implement an operations and maintenance program with the goal of preventing or reducing pollution from municipal facilities and operations including activities by town contractors such as street sweeping and snowplowing.

| | MEASURABLE GOALS / BMP OPTIONS | RESPONSIBLE PARTY/TIMELINE |
|-------------------------|--|--|
| Prevent polluted runoff | <ul style="list-style-type: none"> • Identify all discharges from municipal properties and correlate to MS4 map • Develop a Pollution Prevention program for municipal operations, including contracted activities • Develop a Stormwater Pollution Prevention Plan for the Dalton Highway Department facility • Create a Pollution Prevention program pamphlet for all town contractors to include in bid packages • Evaluate opportunities for improved stormwater treatment from existing MS4 system • Establish record-keeping for regular catch basin cleaning and street sweeping activities • Incorporate pollution prevention and good housekeeping principles into Master and Open Space plans | <p>DPW, Year 1</p> <p>DPW, Years 2-3</p> <p>DPW, Year 1</p> <p>DPW, Year 3</p> <p>DPW, Years 4-5</p> <p>DPW, Year 1</p> <p>Planning Board, Conservation Commission, as opportunity</p> |
| Prevention plans for | <ul style="list-style-type: none"> • Adopt an Operation and Maintenance program for municipal buildings and facilities • Conduct quarterly monitoring of transfer station catch basin • Adopt an Operation and Maintenance program for municipal land and parks • Conduct annual inspections of Highway Garage and Transfer station • Prepare a program manual outlining each task with a schedule for implementation • Establish a capital budget item for stormwater system upgrades | <p>DPW, Year 2</p> <p>DPW Years 1-5</p> <p>DPW, Year 2</p> <p>DPW Years 1-5</p> <p>DPW, Year 3</p> <p>Town meeting, Year 3 & ongoing</p> |
| Prevention at municipal | <ul style="list-style-type: none"> • Form a committee to recommend BMPs at municipal sites • Pursue NEMO educational presentations | <p>Stormwater Committee, Year 4</p> <p>Individual Boards, Town Manager, Years 1-5</p> |

Control Measures for Meeting NPDES Phase II Stormwater Requirements

Small MS4 Stormwater Management Program

will comply with the federal regulations for the National Pollution Discharge Elimination System Phase II. To do so, the town will develop, implement and enforce a program to reduce the discharge of municipal separate storm sewer system (MS4) to the maximum extent practicable; protect water quality requirements of the Clean Water Act and Massachusetts Water Quality Standards

management program developed by the town will implement the six minimum control measures required by the permit, as described below.

Stormwater management program will be implemented by the expiration date of the permit (5 year permit, March 10, 2003).

For the Stormwater Management Program, this document:

Identifies the person or department responsible for each stormwater control measure;

Identifies the Best Management Practice (BMP) for the measure;

Identifies measurable goals for each BMP, including time lines and milestones for implementation;

Identifies a year-by-year implementation plan.

Six Minimum Control Measures for Meeting NPDES Phase II Stormwater Requirements

Year by Year Action Plan

The following tables outline the measurable goals and best management practice options for each of the six minimum control measures required under the NPDES Phase II Stormwater Requirements. The tables organize program tasks by responsible party/department.

| 2003 | | | | | | POL HOL |
|-------------------------|--|--|--|---|--|---------------------|
| YEAR 1 | PUBLIC EDUCATION AND OUTREACH | PUBLIC INVOLVEMENT AND PARTICIPATION | ILLICIT DISCHARGE DETECTION AND ELIMINATION | CONSTRUCTION SITE STORMWATER RUNOFF CONTROL | POST-CONSTRUCTION STORMWATER MANAGEMENT | |
| DPW | <ul style="list-style-type: none"> ▪ Develop educational brochures on the impacts of stormwater | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Prepare a program manual outlining schedules and tasks ▪ Develop storm sewer system map (20% of outfalls this year) ▪ Set-up stormwater hotline ▪ Set-up disconnection record log ▪ Train employees to recognize illicit connections annually ▪ Disconnect sanitary connections immediately | | | ▪ ▪ ▪ |
| SELECT BOARD | | <ul style="list-style-type: none"> ▪ Convene a Stormwater Committee with members of DPW, Con Com, Planning, Inspectors and public ▪ Develop Stormwater Plan using a public process | | <ul style="list-style-type: none"> ▪ Improve Con Com capacity for inspection and enforcement through authorizing use of Berkshire Conservation Agent, annually as needed | | |
| TOWN MANAGER | | <ul style="list-style-type: none"> ▪ Organize first Stormwater Committee meeting ▪ Invite public to stormwater planning meetings, arrange cable broadcast | | <ul style="list-style-type: none"> ▪ Plan opportunities for board members to receive site plan/BMP training (NEMO) ▪ Advertise stormwater hotline | <ul style="list-style-type: none"> ▪ Plan opportunities for board members to receive site plan/BMP training (NEMO) ▪ Encourage use of stormwater hotline | ▪ |
| TAX ASSESSOR | | | | | | |
| BUILDING INSPECTOR | | | <ul style="list-style-type: none"> ▪ Train employees to recognize illicit connections annually | <ul style="list-style-type: none"> ▪ Train employees on construction-phase stormwater BMPs ▪ Develop site inspection/enforcement procedures ▪ Identify stormwater BMP contact for department | | |
| STORMWATER COMMITTEE | Develop educational brochures on the impacts of stormwater | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Identify priority areas of town based on age of infrastructure, water quality concerns, etc. ▪ Evaluate model bylaws and propose General Bylaw prohibiting non-stormwater discharges ▪ Identify enforcement authority for stormwater prohibition | <ul style="list-style-type: none"> ▪ Develop Sediment and Erosion control bylaw for all construction sites >= 1 acre | <ul style="list-style-type: none"> ▪ Develop bylaws to control/reduce runoff in all new and re-development sites >= 1 acre | |
| TOWN MEETING | | | | | | |
| BOARD OF HEALTH | | | <ul style="list-style-type: none"> ▪ Disconnect sanitary connections immediately | | | |
| CONSERVATION COMMISSION | <ul style="list-style-type: none"> ▪ Develop educational brochures on the impacts of stormwater | | <ul style="list-style-type: none"> ▪ Train board members to recognize illicit connections | | | |
| PLANNING BOARD | | | <ul style="list-style-type: none"> ▪ Train board members to recognize illicit connections | | | |
| COMMUNITY GROUP | | | | | | |
| OTHER | | | | | | |

Six Minimum Control Measures for Meeting NPDES Phase II Stormwater Requirements

2004

| YEAR 2 | PUBLIC EDUCATION AND OUTREACH | PUBLIC INVOLVEMENT AND PARTICIPATION | ILLICIT DISCHARGE DETECTION AND ELIMINATION | CONSTRUCTION SITE STORMWATER RUNOFF CONTROL | POST-CONSTRUCTION STORMWATER MANAGEMENT | POLL HOUS |
|-------------------------|--|--|--|---|---|--|
| DPW | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Develop and inspection certification process ▪ Investigate dry-weather discharges within 24-48 hours – conduct upstream visual inspections ▪ Develop storm sewer system map (20% of outfalls this year) ▪ Develop educational brochure about program and requirements ▪ Respond to public input and water quality sampling results ▪ Develop and implement mail and phone contact processes for property owners with potential illicit discharges ▪ Conduct smoke or dye tests where necessary ▪ Conduct field inspections of publicly reported problems ▪ Investigate potential problems based on water quality sampling results ▪ Disconnect sanitary connections immediately | | | <ul style="list-style-type: none"> ▪ ▪ ▪ ▪ ▪ ▪ |
| SELECT BOARD | | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | | <ul style="list-style-type: none"> ▪ Approve the use of sanctions for non-compliance | | |
| TOWN MANAGER | | <ul style="list-style-type: none"> ▪ Invite public to stormwater planning meetings, arrange cable broadcast | | | | <ul style="list-style-type: none"> ▪ |
| TAX ASSESSOR | <ul style="list-style-type: none"> ▪ Send out DPW/Con Com brochures in tax bills | | | | | |
| BUILDING INSPECTOR | <ul style="list-style-type: none"> ▪ Distribute DPW/Con Com brochures to permit applicants | | | <ul style="list-style-type: none"> ▪ Provide information on stormwater BMPs to developers and permit applicants ▪ Determine cost of inspection/enforcement and define fees/penalties/sanctions to cover the cost of the program | | |
| STORMWATER COMMITTEE | Develop educational brochures on the impacts of stormwater | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Evaluate model bylaws and propose General Bylaw prohibiting non-stormwater discharges ▪ Define penalties, fees, sanctions for non-compliance with stormwater prohibition | <ul style="list-style-type: none"> ▪ Develop Sediment and Erosion control bylaw for construction sites >= 1 acre | <ul style="list-style-type: none"> ▪ Develop bylaws to control/reduce runoff in all new and re-development sites >= 1 acre ▪ Recommend BMPs and Performance Standards for Subdivision/Special Permit regulations | |
| TOWN MEETING | | | <ul style="list-style-type: none"> ▪ Pass general bylaw prohibiting existing and future non-stormwater connections to the storm sewer system | | | |
| BOARD OF HEALTH | | | <ul style="list-style-type: none"> ▪ Disconnect sanitary connections immediately | | | |
| CONSERVATION COMMISSION | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | | | <ul style="list-style-type: none"> ▪ Develop site plan review procedures | <ul style="list-style-type: none"> ▪ Develop site plan review procedures ▪ Require Operation and Maintenance plans ▪ Keep O&M records | |
| PLANNING BOARD | | | | <ul style="list-style-type: none"> ▪ Work with Stormwater Committee to develop bylaw as part of Zoning, | <ul style="list-style-type: none"> ▪ Work with Stormwater Committee to develop bylaw as part of Zoning, | |

Six Minimum Control Measures for Meeting NPDES Phase II Stormwater Requirements

2006

| YEAR 4 | PUBLIC EDUCATION AND OUTREACH | PUBLIC INVOLVEMENT AND PARTICIPATION | ILLICIT DISCHARGE DETECTION AND ELIMINATION | CONSTRUCTION SITE STORMWATER RUNOFF CONTROL | POST-CONSTRUCTION STORMWATER MANAGEMENT | POLLU HOUSE |
|-------------------------|--|--|--|--|---|--|
| DPW | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Investigate dry-weather discharges within 24-48 hours – conduct upstream visual inspections ▪ Develop storm sewer system map (20% of outfalls this year) ▪ Respond to public input and water quality sampling results ▪ Phone and mail contact for property owners with potential illicit discharges ▪ Conduct smoke or dye tests where necessary ▪ Conduct field inspections of publicly reported problems ▪ Disconnect sanitary connections immediately ▪ Investigate potential problems based on water quality sampling results ▪ Investigate possibility of GIS as tracking tool | | | <ul style="list-style-type: none"> ▪ E ▪ im ▪ sy ▪ Q ▪ st ▪ Ar |
| SELECT BOARD | | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | | | | |
| TOWN MANAGER | | <ul style="list-style-type: none"> ▪ Invite public to stormwater planning meetings, arrange cable broadcast | | | | <ul style="list-style-type: none"> ▪ P ▪ e ▪ p |
| TAX ASSESSOR | <ul style="list-style-type: none"> ▪ Send out DPW/Con Com brochures in tax bills | | | | | |
| BUILDING INSPECTOR | <ul style="list-style-type: none"> ▪ Distribute DPW/Con Com brochures to permit applicants | | | <ul style="list-style-type: none"> ▪ Provide information on stormwater BMPs to developers and permit applicants | | |
| STORMWATER COMMITTEE | <ul style="list-style-type: none"> ▪ Develop educational brochures on the impacts of stormwater | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | | | | <ul style="list-style-type: none"> ▪ F ▪ n ▪ / |
| TOWN MEETING | | | | | | |
| BOARD OF HEALTH | | | <ul style="list-style-type: none"> ▪ Disconnect sanitary connections immediately | | | |
| CONSERVATION COMMISSION | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | | | | | |
| PLANNING BOARD | | | | | | |
| COMMUNITY GROUP | <ul style="list-style-type: none"> ▪ Local schools prepare an educational display for town hall/library | | <ul style="list-style-type: none"> ▪ HVA will collect and keep record of local water quality sampling results ▪ HVA will report potential illicit connection problems to DPW | | | |
| OTHER | | | | | | |

Six Minimum Control Measures for Meeting NPDES Phase II Stormwater Requirements

2007

| YEAR 5 | PUBLIC EDUCATION AND OUTREACH | PUBLIC INVOLVEMENT AND PARTICIPATION | ILLICIT DISCHARGE DETECTION AND ELIMINATION | CONSTRUCTION SITE STORMWATER RUNOFF CONTROL | POST-CONSTRUCTION STORMWATER MANAGEMENT | POI HOI |
|-------------------------|--|--|--|--|--|--|
| DPW | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | <ul style="list-style-type: none"> ▪ Investigate dry-weather discharges within 24-48 hours – conduct upstream visual inspections ▪ Develop storm sewer system map (20% of outfalls this year) ▪ Respond to public input and water quality sampling results ▪ Phone and mail contact for property owners with potential illicit discharges ▪ Conduct smoke or dye tests where necessary ▪ Investigate potential problems based on water quality sampling results ▪ Disconnect sanitary connections immediately ▪ Organize household hazardous waste collection day ▪ Determine if "allowable" discharges are a problem ▪ Verify and update record log | | | <ul style="list-style-type: none"> ▪ ▪ ▪ ▪ |
| SELECT BOARD | | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | | | | |
| TOWN MANAGER | | <ul style="list-style-type: none"> ▪ invite public to stormwater planning meetings, arrange cable broadcast | | | | <ul style="list-style-type: none"> ▪ |
| TAX ASSESSOR | <ul style="list-style-type: none"> ▪ Send out DPW/Con Com brochures in tax bills | | | | | |
| BUILDING INSPECTOR | <ul style="list-style-type: none"> ▪ Distribute DPW/Con Com brochures to permit applicants | | | <ul style="list-style-type: none"> ▪ Provide information on stormwater BMPs to developers and permit applicants | | |
| STORMWATER COMMITTEE | <ul style="list-style-type: none"> ▪ Develop educational brochures on the impacts of stormwater | <ul style="list-style-type: none"> ▪ Develop Stormwater Plan using a public process | | | | |
| TOWN MEETING | | | | | | |
| BOARD OF HEALTH | | | <ul style="list-style-type: none"> ▪ Disconnect sanitary connections immediately | | | <ul style="list-style-type: none"> ▪ |
| CONSERVATION COMMISSION | <ul style="list-style-type: none"> ▪ Develop educational brochures on practices for reducing pollutants | | <ul style="list-style-type: none"> ▪ Train board members to recognize illicit connections ▪ Determine if "allowable" discharges are a problem ▪ Collect and keep record of local water quality sampling results | | | <ul style="list-style-type: none"> ▪ |
| PLANNING BOARD | | | <ul style="list-style-type: none"> ▪ Train board members to recognize illicit connections | | | <ul style="list-style-type: none"> ▪ |
| COMMUNITY GROUP | <ul style="list-style-type: none"> ▪ Local schools prepare an educational display for town hall/library | | <ul style="list-style-type: none"> ▪ Determine if "allowable" discharges are a problem | | | |
| OTHER | | | | | | |