



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

P

FREDERIC E. TURKINGTON JR.
TOWN ADMINISTRATOR
TEL. (508) 358-7755
www.wayland.ma.us

NOV 10 2009

BOARD OF SELECTMEN
STEVEN J. CORREIA
THOMAS J. FAY
JOSEPH F. NOLAN
SUSAN W. POPE
MICHAEL L. TICHNOR

AUG 20 2009

August 18, 2009

Ms. Ann Herrick
U.S. Environmental Protection Agency
1 Congress Street, Suite 1100 (CIP)
Boston, MA 02114

Re: NPDES Small MS4 General Permit No. MAR041169 – BMP Addition to SWMP

Dear Ms. Herrick:

In accordance with the 2003 NPDES Phase II Small MS4 General Permit Part II.D.2, I am writing to inform you that the Town of Wayland ("Town") has added a requirement to its Stormwater Management Plan ("SWMP").

More specifically, the Town has added a Good Housekeeping Best Management Practice ("BMP") to its SWMP to "reduce phosphorus use applied as fertilizer on Town owned lands and open spaces within the watershed of the Sudbury River during calendar year 2010 by 48 pounds per year as compared to a 2008 baseline". This new BMP will help achieve the Town's Good Housekeeping objectives to "develop and implement an operation and maintenance program that ... has the ultimate goal of reducing pollutant runoff from municipal operations" and to "reduce stormwater pollution from activities such as park and open space maintenance."

The Town's MS4 report due in 2010 will include a calculation of phosphorus use in 2008 and 2009, and the Town's MS4 report in 2011 (or other equivalent report, should the Town become subject to stormwater requirements other than the 2003 NPDES Phase II Small MS4 General Permit) will include documentation demonstrating that it has achieved the 48 pound reduction in calendar year 2010 as compared to the 2008 baseline.

Ms. Ann Herrick
August 18, 2009
Page 2

These activities serve to implement the Town's obligations under a recently-concluded settlement agreement, which resolves two separate appeals of NPDES permit No. MA0039853, authorizing the discharge from the Town's wastewater treatment plant.

Please do not hesitate to contact me directly at fturkington@wayland.ma.us or 508.358.3620 with any questions.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Frederic E. Turkington, Jr.", with a stylized flourish at the end.

Frederic E. Turkington, Jr.
Town Administrator

c: Brian Monahan, Conservation Administrator
Massachusetts Department of Environmental Protection, Division of
Watershed Management, 627 Main Street, Worcester, MA, 02114

Phase II Storm Water Management Plan Outline
Town of Wayland SWMP
July, 2003 through July 2008

Introduction: The Wayland Storm Water Management Plan is designed to reduce the discharge of pollutants from the municipal separate storm sewer systems (MS4) to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act.

Regulatory filing deadline is: July 30, 2003.

Program is a five (5) year cycle. The year will be measured from the actual date of the General Permit – July 30, 2003. Program minimum measures and best management practices (BMPs) are outlined in this document.

Public Education and Outreach on Storm Water Impacts (PEO)

Summary of Requirements:

- Implement a public education program to distribute education materials to the community or
- Conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff

Proposed BMPs:

BMP PEO-1: Develop a standard notice for all Boards, Commission's, Committees, and Departments to consider using when providing public notice for hearings and meetings specifically noting storm water related considerations for applicable projects or hearings. **Permit Year 1**

BMP PEO-2: Stormwater Flyer: Utilize Stormwater flyer prepared by others (SUASCO?/DEP) modified for the Town of Wayland and distribute through: mailings, web site notice, and at various locations throughout the Town such as the Town Building foyer, library, permitting locations, and the like. **Permit Years 2 – 5**

BMP PEO-3: Prepared and distribute public information material for community businesses. **Permit Years 3-5**

BMP PEO-4: Integrate storm water educational component into other planned activities such as Trail Day, Earth Day or other town-wide activities. **Permit Years 3-5**

BMP PEO-5: Storm water video (SUASCO?) **Permit Years 2-5** (depends upon availability of video to be prepared by others.)

BMP PEO-6: Prepare an educational program to be coordinated with Wayland Public Schools

BMP PEO-7: Prepare narrative to be included in document distributed to all households, i.e. tax bill or other appropriate notice on storm water issues on an annual basis.

Permit Years 1-5

BMP PEO-8: Prepare a summary of activities to be presented at the Board of Selectmen's Annual Summit. **Permit Years 2-5**

BMP PEO-9: Prepare informational brochure for discharges from residential properties for swimming pools. **Permit Years 4-5**

Public Participation (PP)

Summary of Requirements:

- Comply with State and local notice requirements when implementing a public involvement/participation program.

Proposed BMPs:

BMP PP-1: Modify Hearing Notices to include standard notice with respect to Storm Water for any applicable department such as the Conservation Commission and others as may be involved. **Permit Years 2-5**

BMP PP-2: Create and maintain a component of the Town of Wayland web page with information and notices regarding storm water. Define who will maintain. Subject to availability of staff and/or funding. **Permit Years 1-5**

BMP PP-3 Convene storm water summit (public meeting with applicable notice) on at least an annual basis with all applicable Boards, Commissions, Committees, and Departments. **Permit Years 1-5**

Illicit Discharge Detection and Elimination (IDE)

Summary of Requirements:

- Develop, implement and enforce a program to detect and eliminate illicit discharges into the MS4.
- Develop, if not already completed, a storm water system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls.
- To the extent allowable under State, or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into the storm sewer system and implement appropriate enforcement procedures and actions.
- Develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, into the storm water system.
- Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

Proposed BMPs

BMP IDE-1: Develop storm water system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls.
Permit Years 1-2

BMP IDE-2: Develop a storm water bylaw that includes provisions to address illicit discharges to the storm water drainage system. **Permit Years 2-4**

BMP IDE-3: Create a system that provides for monitoring of storm water outfalls during dry flow periods to detect any illicit discharges. **Permit Years 3-5**

BMP IDE-4: Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste. **Permit Years 2-5**

BMP IDE-5: Develop applicable storm water standards under the Wetlands Bylaw **Permit Years 2-4**

BMP IDE-6: Investigate contribution of sprinkler systems to illicit runoff. **Permit Years 4-5**

Construction site storm water runoff control (CSW)

Summary of Requirements:

- Develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre.
- Develop and implement a by-law, or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State or local law.
- Develop requirements for construction site operator to implement appropriate erosion and sediment control best management practices (BMPs).
- Develop requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at construction site that may cause adverse impacts to water quality.
- Develop procedures for site plan review, which incorporate consideration of potential water quality impacts.
- Develop procedures for receipt and consideration of information submitted by the public.
- Develop procedures for site inspection and enforcement of control measures.

Proposed BMPs:

BMP CSW-1: Coordinate the development, implementation and subsequent enforcement of a program to reduce pollutants in any storm water runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. **Permit Years 1-5**

BMP CSW-2: Develop requirements for construction site operator to implement appropriate erosion and sediment control best management practices (BMPs). **Permit Year 2**

BMP CSW-3: Coordinate procedures for site inspection and enforcement of control measures among applicable departments including preparation of a standardized reporting format to track such efforts. **Permit Years 2-5**

BMP CSW-4: Develop procedures for receipt and consideration of input on problem areas submitted by the public. **Permit Years 3-5**

Post-Construction Storm Water Management (PCS)

Summary of Requirements:

- Develop and implement strategies, which include a combination of structural and/or non-structural best management practices (BMPs) appropriate for Wayland.
- Use a by-law or other appropriate regulatory mechanism to address post-construction runoff from new development and redevelopment to the maximum extent allowable under State and local laws.
- Ensure adequate long-term operation and maintenance of BMPs.

Proposed BMPs:

BMP PCS-1: Develop and implement strategies, which include a combination of structural and/or non-structural best management practices (BMPs) appropriate for Wayland.

BMP PCS-2: Draft an appropriate regulatory mechanism to address post-construction runoff from new development and redevelopment to the maximum extent allowable under State and local laws.

BMP PCS-3: Coordinate various Board reviews of proposed drainage for new development and redevelopment including developing some minimum standards such as the DEP 1997 Stormwater Policy, March 1997 "Stormwater Technical Handbook" or a similar guidance document. **Permit Years 1-5**

Good Housekeeping (GH):

Summary of Requirements:

- Develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.
- Employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

Proposed BMPs:

BMP GH-1: Develop controls for reducing or eliminating the discharge of pollutants from streets, roads, highways, municipal parking lots, maintenance and storage yards, fleet or

Town of Wayland Storm Water Management Plan
Page 5 of 5

maintenance shops with outdoor storage areas, salt/sand storage locations and snow disposal areas.

BMP GH-2: Incorporate B.O.H./Landfill Storm Water Pollution Plan (SWPP) components into overall SWMP.

BMP GH-3: Develop format for all Boards, Commissions, Committees, and Departments, as applicable, to evaluate the impact of the SWMP and effectiveness of applicable BMPs. **Permit Years 2-4**

BMP GH-4: Preparation of record depository and preparation of required annual report to DEP and EPA. **Permit Years 2-5**

BMP GH-5: Develop an annual training program for all applicable town departments and personnel. **Permit Year 2**

BMP GH-6: Conduct annual workshop for applicable town departments/boards/commissions and personnel. **Permit Years 2-5**

BMP GH-7: Reduce phosphorus use applied as fertilizer on Town owned lands and open spaces within the watershed of the Sudbury River during calendar year 2010 by 48 pounds per year as compared to a 2008 baseline.



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

P

FREDERIC E. TURKINGTON JR.
TOWN ADMINISTRATOR
TEL. (508) 358-7755
www.wayland.ma.us

DEC 29 2009

BOARD OF SELECTMEN
STEVEN J. CORREIA
THOMAS J. FAY
JOSEPH F. NOLAN
SUSAN W. POPE
MICHAEL L. TICHNOR

December 8, 2009

Ms. Ann Herrick
U.S. Environmental Protection Agency
1 Congress Street, Suite 1100 (CIP)
Boston, MA 02114

Re: NPDES Small MS4 General Permit No. MAR041169 - Extension of Stormwater Management Plan BMP

Dear Ms. Herrick:

In accordance with the 2003 NPDES Phase II Small MS4 General Permit Part II.D.2, I am writing to inform you that the Town of Wayland ("Town") has extended a requirement in its Stormwater Management Plan ("SWMP").

More specifically, the Town has extended the time period for a Good Housekeeping Best Management Practice ("BMP") in its SWMP. Earlier this year, the Town Amended its SWMP to add a BMP to "reduce phosphorus use applied as fertilizer on Town owned lands and open spaces within the watershed of the Sudbury River during calendar year 2010 by 48 pounds per year as compared to a 2008 baseline". The present extension continues the fertilizer reduction for each calendar year after 2010, so long as NPDES Permit No. MA 0039853, which authorizes the discharge from the Town's wastewater treatment plant, remains effective.

The Town's MS4 report due in 2010 will include a calculation of phosphorus use in 2008 and 2009. Beginning with the MS4 report due in 2011 (or other equivalent report, should the Town become subject to stormwater requirements other than the 2003 NPDES Phase II Small MS4 General Permit), the Town will include documentation demonstrating that it has achieved the 48 pound reduction in the previous calendar year as compared to the 2008 baseline. This reporting will continue so long as the above-referenced NPDES Permit remains effective.

Ms. Ann Herrick
December 8, 2009
Page 2

These activities serve to implement the Town's obligations under a settlement agreement executed on August 10, 2009, which resolves two separate appeals of NPDES Permit No. MA0039853.

Please do not hesitate to contact me with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frederic E. Turkington, Jr.", with a stylized flourish at the end.

Frederic E. Turkington, Jr.
Town Administrator

cc: Massachusetts Department of Environmental Protection, Division of Watershed
Management, 627 Main Street, Worcester, MA 02114
Brian J. Monahan, Conservation Administrator
Conservation Commissioners

Phase II Storm Water Management Plan Outline
Town of Wayland SWMP
July, 2003 through July 2008

Introduction: The Wayland Storm Water Management Plan is designed to reduce the discharge of pollutants from the municipal separate storm sewer systems (MS4) to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act.

Regulatory filing deadline is: July 30, 2003.

Program is a five (5) year cycle. The year will be measured from the actual date of the General Permit – July 30, 2003. Program minimum measures and best management practices (BMPs) are outlined in this document.

Public Education and Outreach on Storm Water Impacts (PEO)

Summary of Requirements:

- Implement a public education program to distribute education materials to the community or
- Conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff

Proposed BMPs:

BMP PEO-1: Develop a standard notice for all Boards, Commission's, Committees, and Departments to consider using when providing public notice for hearings and meetings specifically noting storm water related considerations for applicable projects or hearings. **Permit Year 1**

BMP PEO-2: Stormwater Flyer: Utilize Stormwater flyer prepared by others (SUASCO?/DEP) modified for the Town of Wayland and distribute through: mailings, web site notice, and at various locations throughout the Town such as the Town Building foyer, library, permitting locations, and the like. **Permit Years 2 – 5**

BMP PEO-3: Prepared and distribute public information material for community businesses. **Permit Years 3-5**

BMP PEO-4: Integrate storm water educational component into other planned activities such as Trail Day, Earth Day or other town-wide activities. **Permit Years 3-5**

BMP PEO-5: Storm water video (SUASCO?) **Permit Years 2-5** (depends upon availability of video to be prepared by others.)

Town of Wayland Storm Water Management Plan
Page 2 of 5

BMP PEO-6: Prepare an educational program to be coordinated with Wayland Public Schools

BMP PEO-7: Prepare narrative to be included in document distributed to all households, i.e. tax bill or other appropriate notice on storm water issues on an annual basis.

Permit Years 1-5

BMP PEO-8: Prepare a summary of activities to be presented at the Board of Selectmen's Annual Summit. **Permit Years 2-5**

BMP PEO-9: Prepare informational brochure for discharges from residential properties for swimming pools. **Permit Years 4-5**

Public Participation (PP)

Summary of Requirements:

- Comply with State and local notice requirements when implementing a public involvement/participation program.

Proposed BMPs:

BMP PP-1: Modify Hearing Notices to include standard notice with respect to Storm Water for any applicable department such as the Conservation Commission and others as may be involved. **Permit Years 2-5**

BMP PP-2: Create and maintain a component of the Town of Wayland web page with information and notices regarding storm water. Define who will maintain. Subject to availability of staff and/or funding. **Permit Years 1-5**

BMP PP-3 Convene storm water summit (public meeting with applicable notice) on at least an annual basis with all applicable Boards, Commissions, Committees, and Departments. **Permit Years 1-5**

Illicit Discharge Detection and Elimination (IDE)

Summary of Requirements:

- Develop, implement and enforce a program to detect and eliminate illicit discharges into the MS4.
- Develop, if not already completed, a storm water system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls.
- To the extent allowable under State, or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into the storm sewer system and implement appropriate enforcement procedures and actions.
- Develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, into the storm water system.
- Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

Proposed BMPs