Town of West Springfield
Department of Public Works

26 Central Street
West Springfield, MA 01089
James W. Lyons, P.E., Town Engineer
Telephone: (413) 263-3249
FAX: (413) 734-9745

*** Sent Certified Mail ***

05

April 20, 2005

United States Environmental Protection Agency
Municipal Assistance Unit (CMU)
One Congress Street – Suite 1100
Boston, MA 02114-2023

RE: NPDES PII – Small MS4 General Permit Annual Report,
West Springfield, Massachusetts

Gentlemen:

On behalf of West Springfield, please find enclosed the NPDES Phase II Stormwater General Permit Annual Report for the period of March 2004 to March 2005 for the City of West Springfield, Massachusetts.

If you have any questions regarding this information, please contact me at (413) 263-3249. Thank you for your attention in this matter.

Sincerely,

James W. Lyons

James W. Lyons, P.E.
Town Engineer

APR 22 2005

Enclosure
Copy: Mayor Gibson
Jack Dowd, DPW Director
File

Municipality/Organization: **City of West Springfield**

EPA NPDES Permit Number: **MA041024**

MaDEP Transmittal Number: **W-035938**

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: James W. Lyons, P.E. Title: Town Engineer

Telephone #: (413) 263-3249 Email: jlyons@west-springfield.ma.us

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.

Signature: Edward J. Gibson

APR 22 2005

Printed Name: Edward J. Gibson

Title: Mayor

Date: April 20, 2005

Town of West Springfield
Department of Public Works

26 Central Street
West Springfield, MA 01089
James W. Lyons, P.E., Town Engineer
Telephone: (413) 263-3249
FAX: (413) 734-9745

April 19, 2005

John L. Dowd, Director
Department of Public Works
26 Central Street
West Springfield, MA 01089

RE: NPDES Phase II Annual Report – March 04 to March 05

Dear Mr. Dowd:

Please find attached the NPDES Phase II Annual Report that details the town's activities with respect to the "General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)" which is jointly issued by the Massachusetts Department of Environmental Protection and the Federal Environmental Protection Agency.

The Town of West Springfield has completed the required self-assessment and has determined that we are in compliance with the permit conditions.

Sincerely,

James W. Lyons

James W. Lyons, P.E.
Town Engineer

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

1A Educational Displays

The City will post one educational display per year in the municipal building. Display Posters will contain information on stormwater related issues and may be obtained from an applicable governmental or other public agency, purchased from a distributor, or created by students working on projects under BMP #1B. The Department of Public Works (DPW) will have responsibility for this BMP, which will be utilized in Years 1 through 5.

Mrs. Martin's, 4th class at the Memorial School in West Springfield produced 30 posters, which were on display in the municipal auditorium. They are being moved to various locations in the West Springfield Municipal Office Building and the West Springfield Public Library.

1B Classroom Education

The City will continue the current Science Program and encourage stormwater educational topics to be included in the curriculum. The DPW will coordinate one classroom presentation given to the students about stormwater related topics. The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

Memorial School in West Springfield has included stormwater related topics in its curriculum. The West Springfield Engineering Department has participated in several programs that illustrate the effects of environmental pollution. Topics also include methods of reducing or eliminating point sources of water pollution. (See copies of Newspaper articles in the appendix.)

1C Newspaper Press Release

The City will send out two press releases per year to the local newspaper. Press releases will contain information on stormwater related issues and community activities. The DPW will have responsibility for this BMP, which will be utilized in Years 1 through 5.

See newspaper articles in the appendix that describe the program in 1B above. Additional programs related to stormwater issues were publicized in the newspaper. (Copies of these articles are also in the appendix).

1D Local Cable Access

The City will post show the Pioneer Valley Planning Commission's Stormwater video on the local cable access channel twice per year. The DPW will have responsibility for this BMP, which will be utilized in Years 1 through 5.

The West Springfield Town Engineer hosted an Awards Ceremony in the Municipal Auditorium on October 14, 2004. Awards were presented to Boy Scouts and Girl Scouts who participated in the Catchbasin Stenciling program during the summer of 2004. This ceremony was recorded and shown two times on the local cable access channel.

1E Informational Pamphlets

The City will distribute a stormwater information pamphlet in Year 1. Pamphlets will contain information on stormwater related issues and may be obtained from an applicable governmental or other public agency, purchased from a distributor, or possibly created by students project under BMP #1B. The DPW will have the responsibility for this BMP, which will be utilized in Years 1, 3, and 5.

This work is being implemented in conjunction with the efforts of the Westfield River Watershed Association. "Door Hangers" were distributed to the residents along the streets where the catch basins are being stenciled under BMP 2E.

In addition the pamphlet "When it Rains, Pollution goes Down the Storm Drain" was included in the envelope with water and sewer bills and distributed on 8/13/04, 9/3/04 & 10/1/04.

1F Open House

The City will hold an open house at the Transfer Station once per year. The Open House will highlight information on stormwater related issues and community activities. The DPW will have responsibility for this, which will be utilized in Years 1 through 5.

Since the Transfer Station is not operational, a public meeting was conducted in the Municipal Office Building Auditorium. Following a showing of the video "After the Storm", there was a presentation(see BMP 1B).

1G Community Website

The City will publicize stormwater related information on the community website "Virtual Town Hall" including a link to DEP's website with updates annually or as needed. The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

This BMP has been implemented and is operational as a link from the Town Of West Springfield Department of Public Works Website.

(Please see a printed image of the web page in the appendix).

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

2A Adopt-a-Road

The City will continue to support the existing "Revive the Pride" activities in the Merrick section of the City. The Department of Public Works (DPW) will continue to support the Program with subsequent collection for voluntary roadside cleanups. The amount and type of trash collected along each road will be documented. The City Council will be responsible for this BMP, which will be implemented in Years 1 to 5.

The Town of West Springfield will continue to work with various groups and civic agencies to prevent entry of debris into the Municipal Separate Storm Sewer System. See also BMP 2B below.

2B Adopt-a-Stream

The City will support volunteer group activities to clean up trash from streambeds and riverbanks. The DPW will provide trash collection subsequent to cleanups. The amount and type of trash collected along each stream will be documented. The City will maintain signage that identifies names of streams that are sponsored by volunteer groups The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

Earth Day Cleanup is scheduled for Saturday April 23, 2005. The Town of West Springfield and Mayor Edward Gibson is sponsoring this activity. The City will continue to support the clean-up activities of local conservation organizations.(See advertisement in appendix).

2C Attitude Surveys

The City will create a Stormwater Survey Program, which involves providing a questionnaire with stormwater related questions on the City's website. The survey will be conducted to measure community awareness of stormwater issues and the success of the Public Education and Public Involvement components of the Stormwater Management Plan. The DPW will have responsibility for this BMP, which will be utilized in Years 2 and 5.

Next Year

2D Community Hotline

The City will publicize the phone numbers for the DPW and the DEP by posting them on the community website. The phone number will be included to encourage and facilitate reporting of illicit discharges and spill emergencies. The DPW will be responsible for this BMP, which will be implemented in Year 1 through 5.

This BMP has been implemented with assistance from our Computer Department. Web Address: http://www.west-springfield.ma.us/ (See BMP 1G).

2E Storm Drain Stenciling

The City will support and supervise volunteers recruited to stencil catch basins. The DPW will supply guidance regarding the content of the stenciled message, directions on locations, and materials if necessary donations cannot be otherwise obtained. The selection of targeted priority storm drain locations will be based on the delineation of the urbanized area and DPW knowledge of contamination. Stenciled messages may include such phrases as "Do Not Dump" or "Drains to Stream". The measurable goal is to stencil 100 storm drain catch basins each year. The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

Stenciling of Catch Basins was done this year with the help of the Westfield River Watershed Association. They are coordinating various groups such as the Boy Scouts , to participate in the program. Also Mrs. Martin's 4th grade class at the Memorial School is conducting a program. (See newspaper articles and brief description of the program in the appendix).

2F Water Quality Monitoring

The City will support volunteers performing visual inspections of 10 priority outfalls per year. Inspectors will catalogue the size, pipe material and condition of each, the receiving water-body, and visual observation of the discharge and immediate downstream channel. The DPW will be responsible for this BMP, which will be implemented in Years 2 through 5.

Outfalls have not yet been identified. That should begin next year.

2G Watershed Committee

The will support the Westfield River Watershed Association and inform the WRWA of DPW activities related to Public Education and Involvement. The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

The Town of West Springfield is actively involved with the Westfield River Watershed Association.

2H Hazardous Waste Collection

The City will continue its annual Hazardous Waste Collection Day. Every year, the City publicizes the collection day through newspaper ads and radio and television ads. This DPW will continue to have the responsibility for this BMP, which will be utilized in Years 1 through 5.

West Springfield Household Hazardous Waste Collection Day is April 23, 2005 from 9:00am to 12:00pm

2I Wetlands Plantings

The City will recruit volunteers for wetland improvements such as planting wetland species in restoration areas and selective removal of invasive plant species. The DPW will be responsible for this BMP, which will be implemented in Years 1 through 5.

Local Conservation Groups will help with this BMP. Wetland habitat replication and restoration has been required on a number of projects during the past year.

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

3A Mapping Stormwater Outfalls

A Stormwater Outfall Map will be developed showing municipal stormwater outfall pipes. Existing information and reports from previous investigations will be compiled in Year 1. Approximately 25% of the outfalls will be field inspected each year for Years 2 through 5. Inspectors will catalogue the size, pipe material and condition of each, the receiving water-body, and visual observation of the discharge and immediate downstream channel. The Department of Public Works (DPW) will be responsible for this BMP.

West Springfield has two capital projects, one of which is planned and the other currently underway which address the issue of mapping stormwater outfalls. These projects, which are intended to complement each other, must be performed in sequence as listed below.

DPW File Automation (Currently Underway) — ***Funded at $73,000.00 in FY2002, Current Balance is $8,523.74***

DPW File Automation project is a multi-year project that is currently in progress. Vanasse Hangen Brustlin is the consulting firm that is under contract with the Town to scan all of the engineering drawings in the DPW. The scanning of documents has been completed by New England Archives. Currently a database is under development by Pioneer Training of Holyoke, MA and the coordination of database and GIS functions is being done by Tighe & Bond Engineers of Westfield, MA.

Tighe & Bond has reviewed 37 CDs (approximately 24GB of information) that the Town has provided and has created an Excel database that contains the directories and individual file names for the documents found on the CDs. They will be working with approximately 100,000 individual documents on the CD's to developing storm and sanitary sewer maps. We have identifying information for about 6300 of the records, but for most of the files we only know information such as field book number and page or roll number for microfilm records.

The database produced will be capable of being used as a stand-alone search engine, or link scanned images to our GIS system. This project is intended to develop the data necessary for the town to produce accurate mapping of the West Springfield stormdrain and sanitary sewer systems. Resulting data will be used in the NPDES Phase II project to actually create a town-wide storm drain and sanitary sewer system map. This map will show the locations of all outfalls.

<u>NPDES Phase II (Planned)</u> ***FY 2004 - $85,000.00 Budgeted,***
Current Balance is $81,000.00
FY 2006 - $150,000.00 Requested in Capital Budget

This is a multi-year DPW capital project, which addresses NPDES Phase II compliance. Part 1 of this project has been funded, and will consist of producing high quality maps of both stormwater and sanitary sewer systems in West Springfield. Our consulting engineer on this project, Tighe & Bond Consulting Engineers will review images of all applicable utility plans (using the tools developed in the DPW File Automation Project) and prepare a preliminary map of all the stormdrains and sewers in West Springfield. This map will be field verified to ensure accuracy and then incorporated in the town's GIS system. Once this data has been input to our GIS System, the Town will be in a position to locate illicit discharges. (Please see memo to DPW Director with budget attached in the appendix).

3B Develop Illicit Discharge Plan

The City will develop an Illicit Discharge Plan to include procedures for identifying, locating, removing illicit discharges as well as documenting actions and evaluating impacts. The City will evaluate existing procedures in Year 1. The City will prepare a draft plan in Year 2, and propose the plan for adoption in Year 3. Pending adoption, the plan will be implemented in Years 3 through 5. The DPW will be responsible for this BMP.

Town is reviewing the following documents:

> ***<u>Draft Manual of Practice Identification of Illicit Connections</u>***
> ***U.S. Environmental Protection Agency – Permits Division (EN-336)***
> ***September 1998***
>
> ***<u>Illicit Discharge Detection and Elimination Manual</u>***
> ***New England Interstate Water Pollution Control Commission***
> ***January 2003***

There are currently no procedures to identify or eliminate illicit connections in use by the Town.

3C Non-Stormwater Discharge Ordinance

The City intends to adopt an ordinance or other regulatory mechanism to prohibit non-stormwater discharges into the MS4 system. The City will evaluate existing regulations and prepare a draft ordinance in Year 1, and propose the new ordinance for adoption by City Council in Year 2. Pending adoption, the ordinance will be enforced in Years 3 through 5. The Planning Board and the DPW will have responsibility for this BMP.

Town has prepared a draft ordinance for illicit discharges that is a modification of the model by-law developed by the Massachusetts Attorney Generals Office. There have been meetings and hearings regarding this ordinance for the past several months. We

anticipate passage of the final ordinance in April, 2005. (Copy of Draft Ordinance is in the appendix). ORDINANCE WAS APPROVED BY TOWN COUNCIL ON 4/19/05

3D Inform Business, Employees, and Public

Municipal employees, businesses and the public will be informed regarding the Illicit Discharge Plan and Non-Stormwater Discharge Ordinance in newspaper press releases. Publicity will include the community hotline number for reporting of illicit discharges. The DPW will be responsible for this BMP, which will be utilized in Years 3 and 5.

Next Year

3E Video Inspection

The DPW will use a video camera to inspect storm drainpipes as needed to follow up on illicit discharges discovered during activities under BMP #3B. The DPW will be responsible for this BMP, which will continue for permit Years 1 through 5.

The West Springfield Department of Public Works has purchased a video camera for use inside storm drains.

3F Failing Septic Systems

The Board of Health currently keeps records of septic system failures that are used to identify problem areas. The Board of Health will be responsible for this BMP, which will continue for Years 1 through 5.

The Health Department has records of all septic system failures.

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

4A Construction Runoff Ordinance

The City intends to adopt a Construction Runoff Ordinance or other regulatory mechanism to require sediment and erosion control at construction projects with over one acre in total disturbance. The City will evaluate existing regulations (including Zoning, Subdivision, and Wetlands regulations) in Year 1, prepare a draft ordinance in Year 2, and propose the new ordinance for adoption in Year 3. Pending adoption, the ordinance will be enforced in Years 3 through 5. The Planning Board and Building Inspector have responsibility for this BMP.

The Town Planner is working with the model by-law prepared by the Massachusetts Attorney General's Office.

4B Construction Plan Review

Under the Construction Runoff Ordinance (or other regulatory mechanism), applicants with projects with disturbance over one acre will be required to submit sediment and erosion control plans for City review and approval. Until a new ordinance is adopted (anticipated in Year 3), the City will continue to review construction plans in accordance with existing regulations. Pending adoption, plans will be reviewed per the new ordinance in Years 3 through 5. The Planning Board has responsibility for this BMP.

Site Plan Review that includes erosion and sediment control is currently done by the Planning Department. All projects including projects that are less than one acre in size are subject to Site Plan Review. Copies of plans are sent to the Mayor, Health Department, DPW, Building Department, Police Department, Fire Department and Conservation Commission for their review and comments.

4C Inspection / Reporting

Under the Construction Runoff Ordinance (or other regulatory mechanism), projects with disturbance over one acre will be required to have regular inspection of sediment and erosion controls and reporting of construction activities. Until a new ordinance is adopted (anticipated in Year 3), the City will continue to require inspection and reporting in accordance with existing regulations. Pending adoption, construction inspection and reporting will be enforced in Years 3 through 5. The Conservation Commission has the responsibility for this BMP.

The DPW and the Building Inspector would perform construction inspection relative to a new "Construction Runoff Ordinance.

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

5A Post Construction Runoff Ordinance

The City intends to adopt an ordinance or other regulatory mechanism to address post construction runoff from projects with over one acre in total disturbance. The City will evaluate existing regulations (including Zoning, Subdivision, and Wetlands regulations) in Year 1, prepare a draft ordinance in Year 2, and propose the new ordinance for adoption in Year 3. Pending adoption, the ordinance will be enforced in Years 3 through 5. The Planning Board has responsibility for this BMP.

Will be incorporated into the Site Plan Review rules and regulations. Draft language to be prepared this year.

5B Site Plan Review

Under the Post Construction Runoff Ordinance (or other regulatory mechanism), applicants with projects with disturbance over one acre will be required to submit stormwater control plans for City review and approval. Until a new ordinance is adopted (anticipated in Year 3), the City will continue to review new development and redevelopment plans in accordance with existing regulations. Pending adoption, plans will be reviewed per the new ordinance in Years 3 through 5. The Planning Board has responsibility for this BMP.

Will be incorporated into the Site Plan Review rules and regulations. Draft language to be prepared this year.

5C Stormwater System Maintenance Plan

Under the Post Construction Runoff Ordinance (or other regulatory mechanism), projects with disturbance over one acre will be required to include a program outlining enhanced procedures for long term operation and maintenance of stormwater facilities.
Until a new ordinance is adopted (anticipated in Year 3), the City will continue to require stormwater facility operation and maintenance in accordance with existing regulations. Pending adoption, additional operation and maintenance requirements for stormwater facilities to be constructed as part of new development and redevelopment projects will be enforced in Years 3 through 5. The Planning Board has responsibility for this BMP.

Will be incorporated into the Site Plan Review rules and regulations. Draft language to be prepared this year.

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

6A Municipal Maintenance Activity Program

The City will develop a program to outline procedures associated with maintenance of open spaces and parks, vehicular fleets, City-related construction activities, and storm sewer system. The City will evaluate existing municipal procedures, modify any procedures if needed, and prepare the program plan in Year 1. The City will continue to monitor compliance and revise policies as necessary in Years 2 through 5. The DPW will have the responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6B Training of Municipal Employees

Municipal employees will be informed of new policies and procedures under the new Municipal Maintenance Activity Program (BMP #6A). This will occur pending adoption of the Program in Year 1. DPW employees will also be informed of the Stormwater Pollution Prevention Plan requirements for the DPW and Transfer Station, as applicable. An initial training will be given in Year 1. An Annual Refresher in the form of a seminar or memorandum will be given each year for Years 2 through 5. The DPW has responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6C Catch Basin Cleaning Program

The City will clean 50% of catch basins in the urbanized area in each year. The DPW has the responsibility for this BMP, which will be utilized in Years 1 through 5.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6D Street Sweeping

The City will sweep all streets in the urbanized area in each year. The Central Business District will be swept monthly in the spring through the fall. The DPW has the responsibility for this BMP, which will be utilized for Years 1 through 5.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6E Road Salt Program

The DPW will send one employee for training at a Salt Institute seminar in Year 1. The City will investigate alternatives for de-icing of roads in Year 2 and implement practices learned in Years 2 through 5. The DPW has the responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6F Lawn Care and Pest Control

The City will train two designated employees for training and licensing for application of pesticides, herbicides, and fertilizers in Year 1. The designated employee will implement a program in Years 2 through 5. The DPW has the responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6G Stormwater Pollution Prevention Plan / MSGP

A Stormwater Pollution Prevention Plan (SWPPP) will be implemented as required for the City Garage facility under the EPA Phase II Stormwater Program Multi-Sector General Permit (MSGP). The DPW has the responsibility of this BMP, which will be utilized for Years 1 through 5.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6H Used Oil Recycling

The City currently collects used oil year-round at the City Garage for proper disposal and recycling. The City will continue to offer Used Oil Recycling in Years 1 through 5. The DPW has the responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

6I Illegal Dumping

The DPW will pickup dumped waste at approximately 5 trouble spots bi-weekly and maintain enforcement in Years 1 through 5. The DPW has the responsibility for this BMP.

Please see memo from the Public Works Operations Superintendent in the Appendix.

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

7A TMDL for the Connecticut River

According to the Massachusetts Year 2002 Integrated List of Waters, Connecticut River is designated as Category 5 "Waters requiring a TMDL". The targeted pollutants are priority organics, pathogens, and suspended solids. Sources of priority organics may include but are not limited to: road surfaces, inadequate fueling areas or practices, illegal dumping. Sources of pathogens may include but are not limited to: pet waste, winter road maintenance materials, illicit sewer discharges, and failing septic systems. Sources of this suspended solids may include but are not limited to: lawn care products, litter, winter road maintenance materials, erosion from construction activities, and illicit sewer discharges. The Stormwater Management Program includes many BMP's to address reduction of contaminants from these sources under all Six Minimum Control categories. The City will implement these BMP's under the responsible department and timeframes as previously described.

The Town of West Springfield is committed to improving the environment by practicing best management practices.

Appendix

Stormwater Links (NPDES Phase II) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.west-springfield.ma.us/Public_Documents/WSpringfieldMA_DPW/NPDES/Links%20Index%20Page Go Links
Google Search Web 645 blocked AutoFill Options

The Town of West Springfield, Massachusetts

Stormwater Links (NPDES Phase II)

Environmental Emergency Contacts

Mass Department of Environmental Protection
Western Regional Office

436 Dwight StreetSpringfield, MA 01103
(413) 784-1100; Fax: (413) 784-1149
Spills: To report an oil or hazardous material release to DEP at any time, 24 hours a day, call this toll free number: 1-888-304-1133.

Links of Interest

Web Site	Description
Catchbasin Stenciling	West Springfield's Catchbasin Stenciling Program during Summer 2004
Mass DEP - Western Region	Contact Information for the Western Region Office
Westfield River Watershed Association	WRWA Website
After the Storm	Stormwater Facts

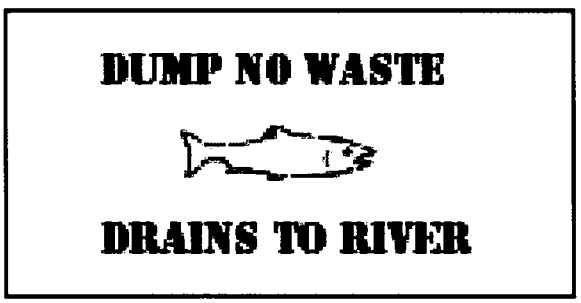
Important Announcements
Internet

Catchbasin Stenciling Program 2004

West Springfield

This past spring, Joan Pearsons of the Westfield River Watershed Association contacted the DPW and proposed to help the town by coordinating a Catchbasin Stenciling Program in West Springfield. She advised us that there was grant money available from Northeast Utilities and asked if the town would be interested in this project. We quickly agreed since this was an opportunity for the Town to meet one of the requirements of its federal stormwater permit (NPDES).

Shortly thereafter, the Westfield River Watershed Association received a grant from Northeast Utilities to stencil a total of 150 catchbasins in West Springfield, Mass.

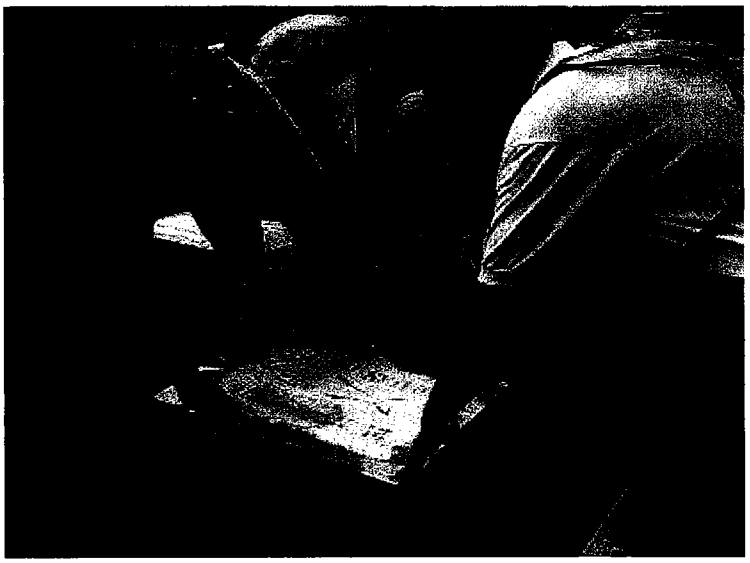


With the money, custom stencils were ordered from Earthwater Stencils, and special doorknob hanging fliers were purchased from a local printer. The stencils consisted of a "Dump No Waste - Drains to River" message (with the outline of a fish in its center), and the fliers included educational information on preventing pollution from motor oil, grass, leaves, pet waste, and trash that enters waterways through local storm drains. The flier also included the Westfield River Watershed Associations contact information, and information on how

to contact the Town Engineer's office for more information on hazardous waste disposal, pollutants and/or storm drains.

In addition, orange safety vests were donated by the Westfield Wal-Mart, for volunteers to wear while stenciling the storm drains on city streets.

Joan and Kathy Meyer, who is also with the Westfield River Watershed Association met with the Town Engineer and agreed upon the best areas to initiate this program and also the specific dates in June, July and August to perform the work. Special crosswalk paint for the stencils was supplied by the Department of Public Works and all of the necessary permits were obtained ahead of time. Matt DelMonte of the Pioneer Valley Planning Commission graciously supplied the maps that clearly identified the various catchbasin locations in our targeted areas of West Springfield.



As part of the educational outreach of this program, Joan contacted local Boy Scout and Girl Scout troops in the area, and encouraged local residents to help support their community with this project. The program started on June 5, 2004 and was run once a week (either Fri. or Sat.) throughout the summer months of June, July and August. We had local coverage on the project from the Springfield Republican Newspaper and West Springfield Record.

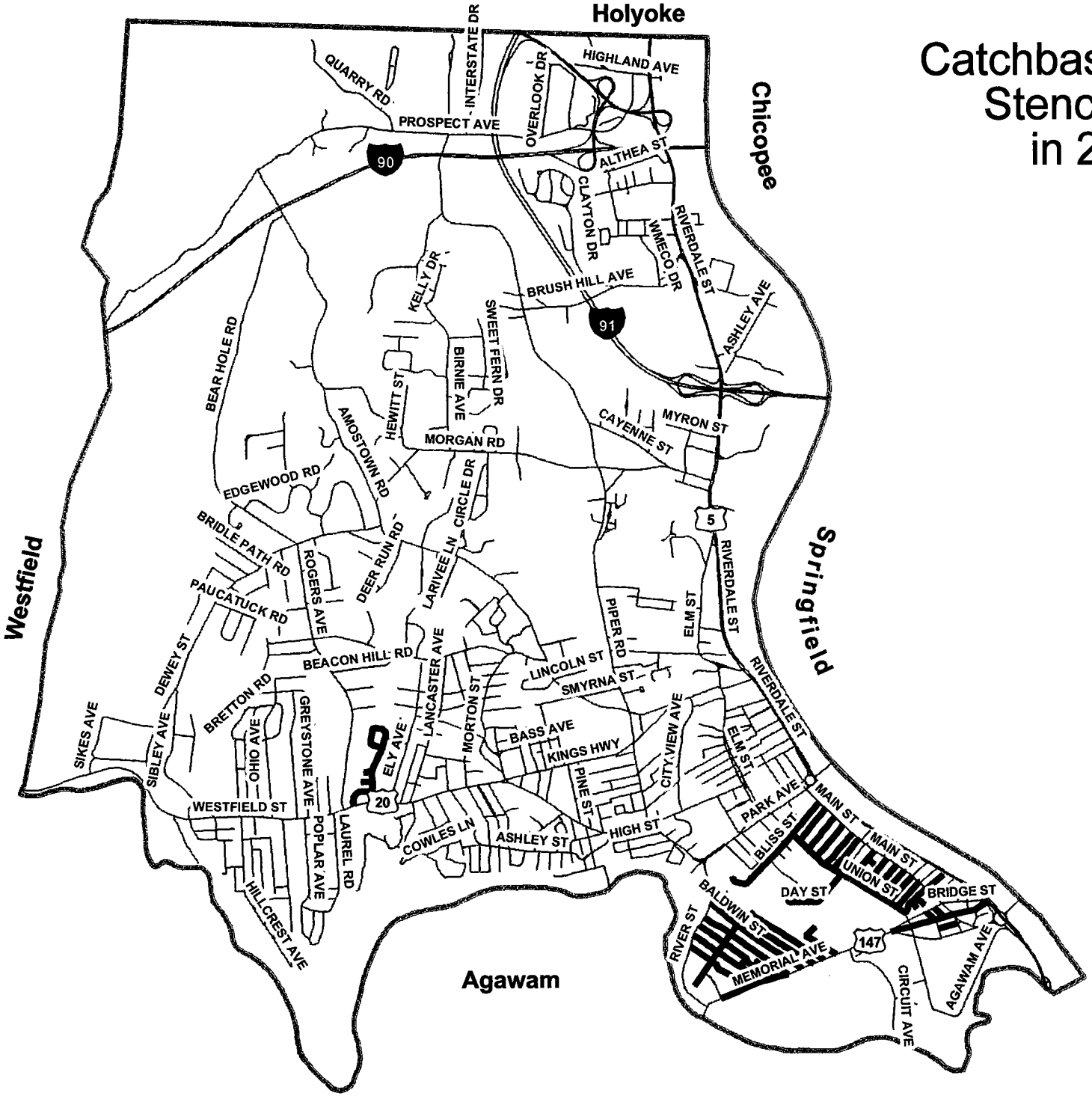
This year, volunteers have stenciled approximately 200 catchbasins in West Springfield They also distributed informational flyers to all of

the surrounding homes in areas where catchbasins were stenciled. In addition to the stenciling, a report of the condition of each catchbasin was documented by a volunteer who noted any items in or around the catchbasin; things such as grass clippings pet waste, beverage bottles, cigarette butts, fast food wrappers, plastic wrappers, cups, and so forth. They also noted the physical condition of the catchbasin and whether it needed repair. These records were presented to the Department of Public Works and are valuable to us since they will help in planning for maintenance.

The West Springfield Department of Public Works would like to thank

Joan Pearsons, Kathy Meyer, Mike Young, and Dietrich Schlobohm who helped plan this program. Blanche Withee who videotaped the Award Ceremony. Mayor Gibson and Town Council President Ed Sullivan for their help in preparation of the certificates. But we especially want to thank all of the volunteers who helped with this effort. The scout leaders and scouts. You've done an exceptional job in helping West Springfield to educate local residents about the effects their actions have on stormwater pollution, and its impact on their communities' streams and rivers.

Catchbasins Stenciled in 2004



Town honors scouts, volunteers for summer catch basis stencilling efforts

Community volunteers, including boy scouts and girl scouts, and the Westfield River Watershed Association were recognized for their work this summer during a special program at the Town Hall on Thursday, October 14. Titled "Troubled Waters: Stormwater Pollution in West Springfield and what we're doing about it," the evening featured a short film and the presentation of certificates for catch basin stencilling done this summer by volunteers. Above: from left, front row, Matt Champagne, Jonah Snowden, Sam Champagne, Tyler Cox, Alicia Basilone, Emily Hudon, Nicole Eaton, Courtney Marcil, Matthew Yezewski, Tim McMahon, Nick Cox and Katie Cox; back row, Mayor Gibson, Shawn Masi, Anthony Mango, Chris Dempsey, Cameron Marcil, Lynn Dempsey, William Dempsey, Town Engineer Jim Lyons, Jessica Markey, Jeff Klaus, Courtney Haile, Mary Jane Klaus. (Photograph by Marc Breault)

Participating in the program that hopes to educate the young students to become responsible and empowerd stewards of the planet earth were, front row, Marc Carrillo, Audra Mansfield, Jovan Santana, Tyler Carpenter, Jessica Frappier, Neyla Kurdoglo, Brandon Blais, Samantha Roulston, Khaela Vermette, Natalie Cruz; back row, Tatyana Kozoday, Francisco Pena, Jonathan Hernandez, Joana Pulido, Geovanny Ramos, Victor Vlasyuk, Zim Mendez, Brandon Roberts, Nick Jimmo, Allison Hall, Alissa Strothers, Ashley Ouimette, Zach Va, Xheneta Ahmati, Mrs. Dudley and Mrs. Martin.

Irain
'shed

Town Engineer Jim Lyons helps Memorial School students apply a storm drain stencil during Friday's visit by Mr. Lyons and the Westfield River Watershed Association to the school. The visit is part of the science curriculum that has been focusing on ways to better protect the environment and allowed students a chance to alert neighbors about the dangers of dumping waste into storm drains that are connected with the Westfield and Connecticut Rivers and their tributaries.

Local students stencil storm drains to help stop pollution

By Michelle Kealey
Staff Writer

WEST SPRINGFIELD - Fourth grade students at Memorial School brought some of their classroom knowledge outside to try to help clean up the environment.

Last Friday, students stenciled storm drains on streets surrounding the school to help raise awareness in the community that dumping waste into storm drains or catch basins is harmful to the environment.

Elena Martin, fourth grade science teacher at Memorial School, explained that part of the fourth grade curriculum includes learning about the water, water cycles, local watersheds and an understanding between sewer and storm drains.

She said that she became involved with the WRWA three years ago with the organization's Atlantic salmon egg rearing program. She and her students have been involved with raising salmon eggs and releasing them into the river.

She added that there is much more students can learn outside of text books.

Martin explained that the storm drain stenciling project helps students learn and pass on their knowledge about non-source point pollution.

Non-source point pollution does not come from one source, but from a variety of sources. Non-source point pollution can come from fertilizer, trash, leaks from cars and a variety of other sources that make their way into the storm drains.

She added that the water that goes down storm drains is often polluted. She explained that students learn how the pollutants harm the water bodies, drinking water, plants and animals. She added that the project is only part of the lesson.

She explained that the storm drain stenciling is only part of a larger community education project.

As part of the project, each fourth grade student has agreed to go to three other people to educate them about non-source point pollution.

Martin said that the students will have the three people they educate sign a pledge to tell three additional people about the pollution. She added that in those two cycles, 600 people will be informed.

Martin explained that the information students learn in the classroom really becomes imbedded in their minds when they go out and tell more people what they have learned.

Jim Lyons, the city engineer in West Springfield, said that the program at Memorial School is important because it helps the city clean up the environment and try to eliminate any pollution that goes into the rivers and streams.

"It is a reminder that anything that goes into the catch basin winds up in the Westfield or Connecticut River," he said.

Before stenciling the storm drains with the same paint used for crosswalks, the students noticed that leaves, cigarette butts, bottle caps and other trash was around the drain. The students swept the area to prepare for the stenciling and to avoid the trash from entering the drain.

Tyler Carpenter, a fourth grade student, said, "I like the program because my dad is a fisherman and he likes to fish for salmon."

He added that he and his classmates are trying to clean the river to be able to help the fish come back to the river and to help make the river cleaner.

Jessica Frappier, a fourth grade student, said that she thinks the project is good because it helps her get more water to drink, makes for a better life and helps allow more animals on earth. She said that she has learned a lot from the project and water lessons.

Students in Mrs. Martin's class (left) and students in Mrs. Dudley's class (above) stenciled storm drains last week to help raise awareness about pollutants that enter the local rivers and streams through the storm drains. City Engineer Jim Lyons (top photo center), helped students paint the stencil, which states: Dump no Waste, Drains to River.

MetroWest Reminder photos by Michelle Kealey

The Ruff House

Going on vacation?
Leaving for the weekend? The day?
I DO pet care – I OFFER peace of mind!
Boarding, Doggie Day Care in a home environment.
Reasonable Rates.
Love & Attention Wholly Given
Call Heather 413-562-8888

Yard Waste

- Leaves and grass clippings allow bacteria, oxygen-consuming materials, phosphorus and nitrogen to be released into our local waterbodies.

- Yard wastes can clog storm drains, which can result in localized flooding.

✔Do not allow soil, leaves, or grass clippings to accumulate on your driveway, sidewalk, or on the street.

✔Compost yard waste and use it to condition your soil.

Fertilizers

- Contain large amounts of phosphorus and nitrogen, which can cause algal blooms in aquatic areas. These blooms deplete oxygen in the water and can kill a large number of fish.

✔ Avoid the use of fertilizers.

✔Use native vegetation to reduce maintenance. A lower maintenance lawn can increase property values by 7-14%.

✔Test soil every 3 to 4 years to maintain proper nutrients.

✔ If you need to use fertilizers, use organic fertilizers such as manure or compost.

✔If you use fertilizers, Read the Label Carefully and Do Not Over-Apply the fertilizer.

✔Sweep, DO NOT WASH, any excess fertilizer or soil off driveways and walkways.

✔NEVER apply before it rains or on a windy day.

Pesticides & Herbicides

- Contains toxic materials that are harmful to humans, animals, aquatic organisms and plants.

✔Carefully follow the directions on the label. DO NOT OVERAPPLY.

✔Minimize the use of herbicides and pesticides.

✔Use natural alternatives whenever possible.

✔Plant grass native to your area, keep it trimmed and weed by hand.

✔Pesticides and Herbicides should be stored with the original label in a dry place away from food items, cleaning products, heat or flames, children and pets.

Pet Waste

- Carries bacteria, viruses, and parasites that poses a risk to human health and threatens wildlife.
- Releases both bacteria and oxygen- consuming materials into our local waterbodies.

✔ Dispose of pet waste by flushing it down the toilet or burying it in the yard away from vegetable gardens and waterways.

✔ Remember many towns enforce "Pooper-Scooper" Ordinances.

Yard Waste may be disposed at the Bondi Island Landfill off of Route 5 in Agawam.
Hours are Mon. – Fri. 7am to 3pm

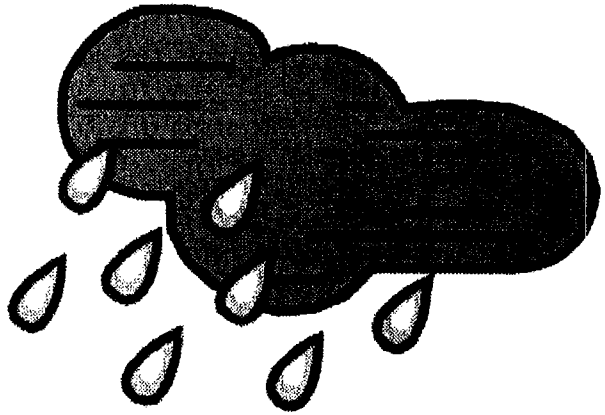
WEST SPRINGFIELD

DEPARTMENT OF PUBLIC WORKS

SPONSORED BY:

The Westfield River Watershed Association

WHEN IT RAINS, POLLUTION GOES DOWN THE STORM DRAIN!



Did you know... that every time it rains water collects litter, motor oil, antifreeze, pet wastes, excess fertilizers and pesticides, leaves and grass clippings, and other waste materials as it runs off our roofs, lawns, driveways and streets towards the storm drain. Contrary to popular belief, most storm drains do not connect to a water treatment facility. As a result, untreated rainwater drains directly to our local streams, ponds, lakes and rivers via the storm drain system. **Could you imagine swimming in polluted water that contains pet wastes, motor oil, antifreeze, and pesticides?**

Nonpoint Source Pollution

The pollution that rain washes off roofs, lawns and road surfaces are known as nonpoint source pollution. Nonpoint source pollution comes from a diffuse, wide area and is not tied to a specific origin. Though the effect on the environment is not immediately apparent, the cumulative impacts on local water bodies can significantly degrade fish habitat, drinking water supplies, and recreational opportunities. Non-point Source Pollution has become the #1 threat to our local water-bodies.

Street Litter

- Includes plastic bags, cups, wrappers, fast-food bags, cans, bottles and general trash.
- Wildlife can mistake items for food and become entangled in the litter.

- Source of bacteria that poses a threat to humans and wildlife.
- Contributes to visual pollution.

✔ Put all litter into trash receptacles.
✔ Never throw litter down storm drains.
✔ Recycle as much as possible.
✔ If you see litter, pick it up so it does not get washed or blown into a storm drain, gutter, or local stream.

Household Hazardous Waste

- Many household products contain toxic materials that are harmful to public health and the environment. These include:

Cleaning Products:
Oven cleaners, floor wax, furniture polish, drain cleaners and spot removers. Motor oil, battery acid, gasoline, car wax, engine cleaner, antifreeze, degreaser, radiator flush and rust preventatives.

Home Improvement Products:
Paints, preservatives, strippers, brush cleaners and solvents.

Other Products Labeled:
Toxic, Flammable, Corrosive, or containing lye, phenols, petroleum distillates or trichlorobenzene.
✔DO NOT pour any household hazardous waste down the drain or toilet or discard with regular trash.
✔Use natural or less toxic alternatives (i.e. approximately a cup of baking soda combined with a cup of white vinegar and a cup of ammonia in a gallon of warm water makes an excellent multipurpose cleaner).
✔To learn how to properly dispose of hazardous waste materials, contact the Town of West Springfield Health Department.

Paint

- Harmful to humans, animals & the environment when improperly used or thrown out.

Paints containing lead are especially dangerous.

✔ Paints should be stored in a tightly sealed paint can that is turned upside down so that the paint forms a seal around the lid.
✔ Donate old paint (but NOT lead paint) to community groups, schools or theaters.
✔ Oil-based and lead paints must be disposed at a household hazardous waste collection center.

Annual Household Hazardous Waste Collection will be scheduled for April 2005. Please call the Health Department at 263-3206 for further details.

Motor Oil

- Damages and/or kills underwater vegetation and aquatic life.
- Just one quart of oil can contaminate two million gallons of drinking water or create an 8-acre oil slick.
- More oil waste goes down storm drains each year than was spilled by the Exxon Valdez.

✔ NEVER pour used motor oil down a storm drain.
✔ Put used motor oil in a sturdy container and take it to a local service station to be recycled.
✔ In Massachusetts, you can return used motor oil to the place where you purchased it with your original receipt.

Antifreeze

- **A Highly Toxic Chemical** that has serious oxygen depleting characteristics.
- **Extremely Harmful** to humans, fish, birds, wildlife and pets.
- Animals that live in, or drink from, contaminated water may die.

- Sweet taste attracts children and pets.

✔ Take your used antifreeze to a local service station for recycling.
✔DO NOT mix your antifreeze with any other substance

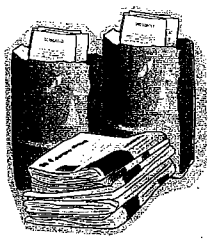
Car-Washing

- When you wash your car, the detergent-rich water used to wash the grime off your car often flows down the street and into a storm drain. This results in high loads of nutrients, metals, and hydrocarbons in our local water bodies.

✔ Wash your car at a commercial car wash facility where they recycle their water or treat it prior to discharge to the sanitary sewer system.
✔ Wash your car on gravel, grass or other permeable surface that allows the soapy water to be filtered out.
✔Use biodegradable soaps.
✔ Use hoses with nozzles that automatically turn off when left unattended.

Please Recycle

DON'T FORGET TO REUSE WHEN POSSIBLE



Paper

Keep these materials together and separate from mixed containers.

- **All paper and cardboard must be clean & dry**
- **Junk mail,** *including window envelopes*
- **Boxboard - Cereal, shoe, cracker boxes, etc.,** *Discard plastic liners*
- **Newspapers & inserts**
- **Magazines & catalogs**
- **Paper bags**
- **White and colored office paper**
- **Computer paper**
- **Corrugated cardboard,** *flatten*
- **Paperbacks and phone books,** *remove covers*
- *No soda or beer holders/cartons*
- *No waxed paper or waxed cardboard*
- *No pizza boxes, egg cartons or wrapping paper*

Containers

RINSE CLEAN. Keep these materials together and separate from paper.

- **Glass bottles & jars, all colors**
- **Aluminum, tin/steel cans and lids and aluminum foil products**
- **Milk & juice cartons (tent top), drink boxes,** *remove straws*
- **Plastic bottles, jars and tubs, less than 2 gallons,** *discard plastic caps and lids*
- *No light bulbs, window or auto glass, dishes, glasses, Pyrex, ceramics, or broken glass*
- *No paint or aerosol cans or other metal objects*
- *No plastic bags, containers over 2 gallons, motor oil jugs, chemical containers, Styrofoam flower pots or trays*

Tips for Recycling Other Materials

Rechargeable Batteries

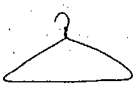
Most Radio Shacks & national hardware chains have free drop boxes.

Textiles

Goodwill and Salvation Army accept clothes, draperies, etc.

Books

Donate to libraries. Some book stores buy used books.



Wire Hangers

Accepted by many dry cleaners in the region.

Plastic Bags

Recycled at some area supermarkets.

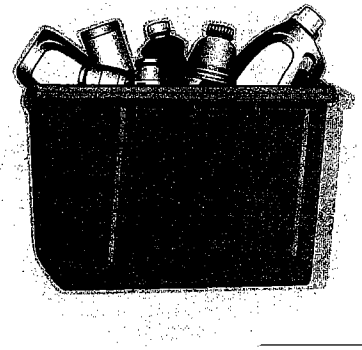
Polystyrene "Peanuts"

Call 1-800-828-2214 or 1-800-789-4623

Recycle.
a little effort
a Big difference

For answers to specific questions about your community's program, call your local recycling coordinator. For questions on types of recyclables taken, call the DEP at 413-755-2293 or 1-888-888-0784, ext. 2293 or 1-800-CLEAN-UP

Recycling Information



Recycling - It's easier than you think!

Think recycling is difficult or confusing? Well, good news! Recycling requirements have changed over the years, making it even simpler for you to take part. You no longer have to remove labels or keep track of many other recycling rules. Most items can just be dropped in the bin!

Check inside for details and find out just how easy recycling is!

Did you know...?

Massachusetts prohibits the disposal of the following items:

- Paper and cardboard
- Bottles and cans
- Narrow neck plastics
- Leaves and yard waste
- Car batteries
- TV's and computers
- Large home appliances

Be sure to keep these items out of your trash.

Recycle.
a little effort
a Big difference

Check inside for details on how to recycle them or call 888-888-0784, ext. 2293 or 1-800-CLEAN-UP.

Your efforts are making a difference!

Your community sends its recyclable materials to the Springfield Material Recycling Facility (MRF). Last year the "MRF" collected more than 50,000 tons of recyclables. That included enough paper to save 595,000 trees and enough plastic soda bottles to make 160,000 fleece jackets. Enough energy was saved by recycling aluminum cans to run a refrigerator for 65,500 days. You have helped make our recycling program a success. With your continued commitment, we will achieve our recycling goals.

Keep up the good work!

This material was provided by the MRF Advisory Board with support from the Department of Environmental Protection and the Executive Office of Environmental Affairs. Printed with vegetable-based ink on recycled paper.

FROM:

TO:

PLEASE SAVE • Recycling Information Inside

For More Information Call 888-888-0784, ext. 2293 or 1-800-CLEAN-UP

www.springfieldmrf.org

Paper Products

Co-Mingled Products

Town of West Springfield

Schedule for collection of curbside trash and recycling
July 2004 - June 2005

JULY				
M	T	W	Th	F
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

AUGUST				
M	T	W	Th	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

SEPTEMBER				
M	T	W	Th	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

OCTOBER				
M	T	W	Th	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

NOVEMBER				
M	T	W	Th	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30			

DECEMBER				
M	T	W	Th	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

JANUARY				
M	T	W	Th	F
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28
31				

FEBRUARY				
M	T	W	Th	F
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28				

MARCH				
M	T	W	Th	F
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7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

APRIL				
M	T	W	Th	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

MAY				
M	T	W	Th	F
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16	17	18	19	20
23	24	25	26	27
30	31			

JUNE				
M	T	W	Th	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
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Holiday Schedule - September 6, 2004, November 25, 2004 and May 30, 2005
Whenever a scheduled collection day falls on a holiday, that day's collection and all remaining collections for the week will be delayed one day. Friday's collection will be on Saturday. Holidays are marked with a ◯.

Place your **recyclable materials only** in your Blue Box, and set it out at the curb according to the calendar above. All trash and recyclables **must** be out at the curb by 7:00 a.m.

Please call BFI at 592-9411 with any qustions.

Bulk Pick-Up Program

Residents will be allowed 3 pick-ups per household per year. Each pick-up entitles you to dispose of 5 items, only one of which can be a T.V.

To schedule an appointment, call BFI at 592-4132 ext. 250. A customer service representative will assist you regarding the program guidelines.

Do not place your articles on the tree belt until the day before your scheduled appointment.

For additional information, please visit the Town of West Springfield Website at www.west-springfield.ma.us.

Recycling Guidelines

Please refer to the important Recycling Information brochure that has been enclosed for your convenience.

Town of West Springfield
26 Central Street
West Springfield, MA 01089

Important
Information
Enclosed

Resident Customer
West Springfield, MA

Presort Standard
US Postage
Paid
West Springfield, MA
Permit #49

HOUSEHOLD HAZARDOUS WASTE COLLECTION

Many household products contain hazardous chemicals. These products pose many dangers when not properly handled. Please act responsibly when disposing of your hazardous waste.

FROM THE YARD

- Pesticides
- Rodent Killers
- No-Pest Strips
- Insect Sprays
- Muriatic Acid
- Fertilizer

FROM THE GARAGE

- Antifreeze
- Wax Polish
- Carburetor Cleaner
- Motor Oil
- Kerosene
- Pool Chemicals
- Brake Fluid
- Engine Degreaser
- Creosote
- Gasoline
- Car Batteries

FROM THE HOUSE

- Drain Cleaners
- Furniture Polish
- Moth Balls
- Art Supplies
- Photo Chemicals
- Bleaches/Ammonia
- Oven Cleaners
- Metal Polish
- Pharmaceuticals
- Craft Supplies
- Floor Cleaners
- Rechargeable Batteries

FROM THE WORKBENCH

- Rust Preventatives
- Wood Strippers
- Paint Thinner
- Solvents
- Sealants
- Wood Preservatives
- Wood Stains
- Lead Base Paint
- Degreasers
- Latex & Oil Based Paints

NEW THIS YEAR – ELECTRONICS

- Computers
- Printers
- Stereos
- TVs/VCRs
- Cell Phones
- Peripherals, etc.

Bring your unwanted household hazardous waste to:

West Springfield DPW Yard • 430 Westfield Street
Saturday, April 23, 2005
9 am - noon

By Appointment Only

For more information and phone registration call (413) 263-3246

YARD WASTE COLLECTION

DROP-OFF

Bondi's Island will no longer be available for residents to drop off yard waste. Instead the town will be collecting residential yard waste at the DPW Yard at 430 Westfield Street.

Drop-Off Center Hours

Monday-Friday (starting March 28th)
8:00 am - 3:00 pm
Saturdays (April 9th - May 28th)
8:00 am - 3:00 pm

What is Acceptable?

Leaves, Brush, Clippings and Grass

What is Unacceptable?

Leaves containing rocks or other debris.
No logs or stumps
Absolutely NO PLASTIC

- All yard waste must be in bags or barrels
- Yard waste (excluding brush) that is loaded loosely in pick-up trucks will not be accepted
- Brush must be less than 4" (inches) across and 4' (feet) in length.

For more information call (413) 263-3246

CURBSIDE

For your convenience we have also arranged for 2 pick-ups this season. Note that yard waste pick-ups may not be the same day as regular trash collection.

If your trash collection day is currently on:	YARD WASTE COLLECTION #1	YARD WASTE COLLECTION #2
Monday	Saturday, April 9, 2005	Saturday, May 7, 2005
Tuesday	Saturday, April 16, 2005	Friday, May 13, 2005
Wednesday	Friday, April 22, 2005	Saturday, May 14, 2005
Thursday	Friday, April 29, 2005	Friday, May 20, 2005
Friday	Saturday, April 30, 2005	Saturday, May 21, 2005

INSTRUCTIONS:

Place your yard waste curbside by 7 am on the dates listed on the previous panel of this brochure. Should circumstances prevent us from collecting your yard waste on the date scheduled, it will be collected by the end of the next business day.

All yard waste must be in brown paper recycling bags or loose in barrels. Plastic bags or tightly packed barrels will not be collected.

Thank you in advance for your cooperation and understanding. Should you have any questions, please feel free to contact **BFI** at **(413) 592-9411.**

EARTH DAY CLEAN-UP

SATURDAY, APRIL 23, 2005
9:00 am - 3:00 pm
RAIN OR SHINE

Sponsored by
The Town of West Springfield
and
Mayor Edward Gibson

For details or to volunteer
Call The West Springfield Conservation Commission at **(413) 263-3203**

Children must be accompanied by an adult. Bring waterproof boots, work gloves and a desire to help clean the environment.

HEALTHY LAWN AND COMPOST WORKSHOP

Learn how to have a beautiful lawn and landscape that's healthy for your family, neighbors, pets and the environment! We will discuss the following topics:

- How to make compost easily;
- What can and cannot be composted;
- How to get a low-cost compost bin;
- How to use finished compost;
- How to create healthy soil for lawns and landscapes;
- Management practices for healthy lawns;
- Management practices for other types of landscapes (flowers, shrubs, trees, vegetables);
- Alternatives to pesticides and chemical fertilizers

Tuesday, April 26, 2005
7-9 pm
Agawam Public Library
750 Cooper Street

Please register to attend this FREE workshop by contacting:
Michael Pattavina at *(413) 263-3234* or
mpattavina@west-springfield.ma.us

REFRESHMENTS • FREE GIFTS
WIN A COMPOST BIN!

Presented by
Massachusetts DEP and
West Springfield DPW

Compost Bins Available for $20

The Town of West Springfield in cooperation with the Massachusetts DEP will be making compost bins available to residents at the subsidized cost of $20 each. These bins typically retail for between $60-$100. Call (413) 263-3234 for more information.

Presort Standard
U.S. Postage
PAID
West Springfield, MA
Permit No. 49

Resident Customer
West Springfield, MA

Town of West Springfield
26 Central Street
West Springfield, MA 01089

Environmental Bulletin

Spring 2005

Town of West Springfield

"These programs are designed to help us become good caretakers of the environment in addition to lowering our disposal costs. Thank you for participating."

Jack Dowd
Director, Department of Public Works

Printed on Recycled Paper

What Can You Do to help?

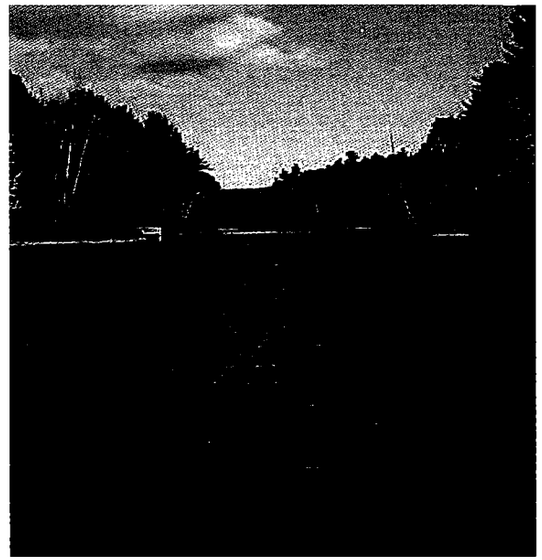
The local community wants a recreational policy on the Bear Hole Watershed. Selective non-polluting recreational activities such as hiking, biking, jogging, nature photography, birdwatching, or nature study are permitted. Visitors and their pets are not permitted to have bodily contact with the reservoir waters. Littering, dumping, building fires, destroying DPW signs or any other property inclusive of plants, trees, using off-road vehicles, or hunting are all illegal activities.

You can help by simply respecting all the guidelines on the DPW sign postings. You are invited to explore your watershed --take a hike, pedal through the trees, photograph a wildflower, or simply enjoy the solitude.

West Springfield Department of Public Works
Water Division, Jeff Auer
22 Central Street, West Springfield, MA 01089

For more information please write us.

WORKING TOGETHER TO PROTECT OUR WATER RESOURCES



West Springfield Department of Public Works is dedicated to the improvement of environmental and drinking water quality through the protection of the water and land resources at the Bear Hole Watershed.

This brochure teaches how we can maintain water quality protection on the Bear Hole Watershed. Keeping this pristine environment valuable and useful is a big undertaking. We urge you to use this educational pamphlet to become a supporter or participant in our water quality protection program.

This project has been financed partially with Federal Funds from the Environmental Protection Agency (EPA) to the Massachusetts Department of Environmental Protection (DEP).

Pure, clean, cool water...

flows out of West Springfield's forested wate
Bear Hole Reservoir, and ultimately to your tap for
haps unaware how the forces of trees, plants, soil
Watershed which collect, store, and transport wa
Department of Public Works -Water Division (DPW
of the water purification and filtration. This source
a priceless value to the Town.

Bear Hole Watershed, our natural treasu

covers 1,430 acres of land in the north wes
90% of this area is covered by a natural forest
comprised of oak, pine, hemlock, maple, and birch
an important wildlife habitat ecosystem. Beneath-
sand and gravel soil through which water can qu
interdependent forest ecosystem, the forest eleme
tem for water on its path to the reservoir.

The DPW's intelligent water quality prot

maintains and creates a diverse, multi-lay
these lands. Their work supports three distinct lay
[illegible] trees, shrubs, and herbaceo
forest [illegible] capable of site restoration after any
[illegible] trees and plants in their mid
absorb [illegible] trients out of the water
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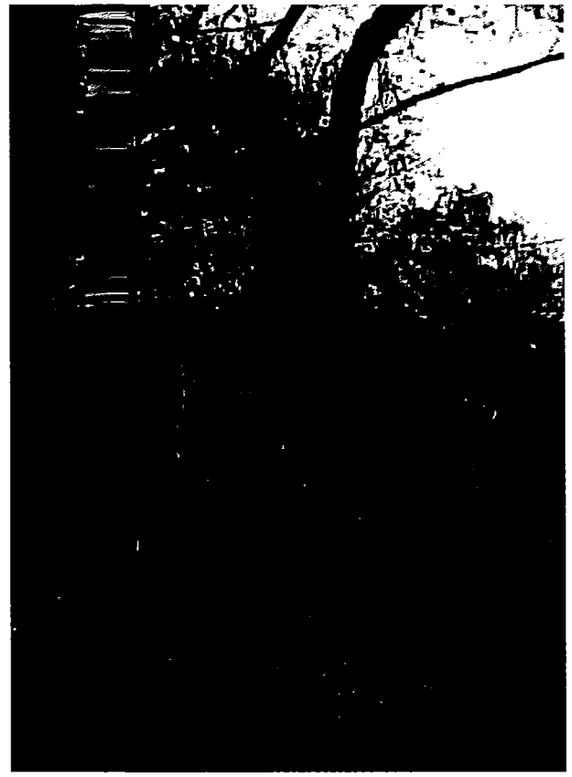
[illegible] also keep stream and
[illegible] the rejuvenation of [illegible]
[illegible]

Do Water Quality Threats exist at the watershed?

Natural and man-made pollutants threaten the safety of the water in the natural system. The forest hosts extensive insect or disease infestation within the plant communities. Any rapid death of plant communities promotes the loss of nutrients and the potential for an increase in water turbidity and total organic matter content. Maintenance of a healthy forest resource will lessen this threat.

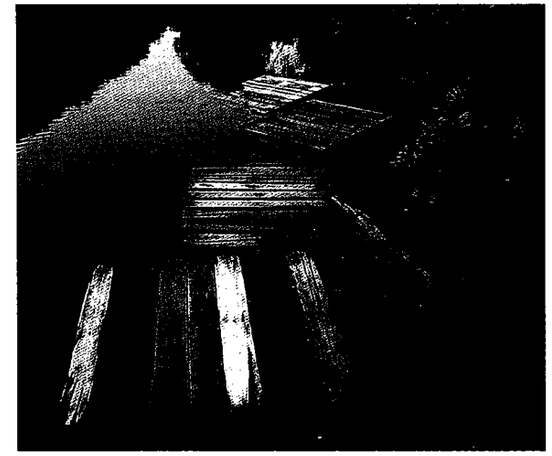
Are Humans a Threat to water Quality?

Illegal use of the road and trail network increases the threat of erosion, sedimentation, and turbidity problems. All terrain vehicles present the greatest danger; their users enter at all points destroying the fragile soil surface and displacing. Many people view the watershed as a cheap alternative to the dump. Used appliances, tires, furniture, household trash, construction waste, yard waste, and hazardous material such as waste oil or chemicals are routinely deposited along the extensive road network. Such dumping poses the threat of chemical leaching into the water; and also insults the beauty of the land.



Can plants be a problem too?

Serious biological threats to water quality can be found in the introduction of several exotic plants into the Watershed. These plants can spread very quickly, and they are a long-term threat to the biodiversity and rebirth of our native forest resources. It is known that these invasive exotic plants often invade a site through illegal disposal of yard waste that contains seeds. Three species currently growing on the Bear Hole Watershed include Common Buckthorn, Asiatic Bittersweet, and Japanese Barberry.



How does the DPW handle these threats?

They maintain both a filtration and treatment facility on site. DPW personal, West Springfield Police Officers and Environmental Police regularly monitor the area. DPW prosecutes under Federal law any unlawful activity against the water system.

James W. Lyons, P.E.
Town Engineer
Town of West Springfield
26 Central Street
West Springfield, MA 01089
Phone: (413) 263-3249
FAX: (413) 734-9745

Memorandum

To: Jack Dowd

CC: File

From: Jim Lyons

Date: 3/4/2005

Re: NPDES Phase II Budget for FY 2005 & FY 2006

Jack:

Attached is a breakdown of the items that would be required for the NPDES Phase II budget.

As you are aware, most of the money for NPDES Phase II which has been carried over into this years budget has not been expended. The reason is that images created in the "File Automation Project" are being used to create a DPW Image Database. The two projects are complementary with NPDES Phase II using data developed by File Automation. We really can't start NPDES until File Automation is complete.

Money, which is currently in the NPDES Phase II carry-over budget, will be used for Records Management, which is shown as item 3 and totals $34,532.90. An additional $2,270 would be used to purchase computer software (database program) and hardware (server). The remaining $47,181.49 would be used for GPS field location of the sewer and stormdrain manholes to correlate the scanned images with what is actually in the field (item 1.1 and a portion of 1.2).

Next years budget of $150,000 would be used to perform the remaining items in the attached budget.

Town of West Springfield - Department of Public Works
NPDES Phase II - Stormwater/Sewer Mapping Project
Preliminary Budget Breakdown

Tighe&Bond

Task	SubTask	Description	Principal/ Vice President	GIS Proj. Manager	GIS Tech.	Field Tech.	Tech. Support	Total
1.0		**Verification of Stormwater/Sewer Features** [1]						
1.1		GPS Field Location	4	40		800		$44,132.40
1.2		Populate field location database		40	80			$9,210.24
1.3		QA/QC	6	24	48			$6,485.54
1.4		Technical Report	4	8			24	$2,929.37
Expenses								
	100	Trips - Travel						$1,512.00
		Miscellaneous Expenses						$262.50
1.0		**Verification of Stormwater/Sewer Features Sub-Total**	**14**	**112**	**128**	**800**	**24**	**$64,532.05**
2.0		**Stormwater/Sewer Mapping** [2]						
2.1		Georeference record plans	4	48	300			$22,130.16
2.2		Digitize stormwater lines and features	8	80	1280			$77,007.84
2.3		Attribute stormwater lines	4	32	200			$14,966.64
2.4		QA/QC	12	48	80			$12,152.40
2.5		Technical Report	4	24			40	$5,820.36
Expenses								
	20	Trips - Travel						$302.40
		Miscellaneous Expenses						$269.69
2.0		**Stormwater/Sewer Mapping Sub-Total**	**32**	**232**	**1860**	**0**	**40**	**$132,649.49**
3.0		**Records Management**						
3.1		Create cross reference database	2	12				$1,854.84
3.2		Populate cross reference database	2	24	200			$13,623.48
3.3		Custom search and viewing application	2	64				$8,506.68
3.4		QA/QC	4	32	16			$5,551.73
3.5		Technical Report	4	24	16		6	$4,844.97
Expenses								
	10	Trips - Travel						$151.20
3.0		**Records Management Sub-Total**	**14**	**156**	**232**	**0**	**6**	**$34,532.90**
PROJECT TOTALS			60	500	2220	800	70	$231,714.44

Footnotes: [1] Estimated level of effort. Actual effort will depend on the accuracy and consistency of existing mapping
[2] Effort required to populate database of existing scans to be determined.

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Ordinance Governing Discharges To The Municipal Storm Drain System

SECTION 1. PURPOSE

1.1 The purpose and intent of this ordinance is to ensure the health, safety and general welfare of the citizens of the Town of West Springfield and to protect and enhance the water quality of watercourses and water bodies within the Town of West Springfield, in a manner consistent with the Federal Clean Water Act (33 U.S.C. Section 1251, et seq), by reducing pollutants in storm water discharges to the maximum extent practicable and by prohibiting non-storm water discharges to the storm drain system.

1.2 Increased and contaminated stormwater runoff is a major cause of impairment of water quality and flow in lakes, ponds, streams, rivers, wetlands and groundwater; contamination of drinking water supplies; alteration or destruction of aquatic and wildlife habitat; and flooding.

1.3 Regulation of illicit connections and discharges to the municipal storm drain system is necessary for the protection of the town's water bodies and groundwater, and to safeguard the public health, safety, welfare and the environment.

1.4 The objectives of this ordinance are:

(1) to prevent pollutants from entering the town's municipal separate storm sewer system (MS4);

(2) to prohibit illicit connections and unauthorized discharges to the MS4;

(3) to require the removal of all such illicit connections;

(4) to comply with state and federal statutes and regulations relating to stormwater discharges; and

(5) to establish the legal authority to ensure compliance with the provisions of this ordinance through inspection, monitoring, and enforcement.

SECTION 2. DEFINITIONS

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For the purposes of this ordinance, the following shall mean:

2.1 **AUTHORIZED ENFORCEMENT AGENCY**: The Department of Public Works of the Town of West Springfield (hereinafter the "Department"), its employees or agents designated to enforce this ordinance.

2.2 **CLEAN WATER ACT**: The Federal Clean Water Act (33 U.S.C. § 1251 et seq.) as hereafter amended.

2.3 **DISCHARGE OF POLLUTANTS**: The addition from any source of any pollutant or combination of pollutants into the municipal storm drain system or into the waters of the United States or Commonwealth from any source.

2.4 **EXPENSES OF ENFORCEMENT OR CORRECTION (EEC)**: Expenses of Enforcement or Correction shall mean all costs and expenses, including all penalties imposed by the ordinance, incurred or imposed by the Town, in enforcing this ordinance, or for violations thereof, including but not limited to attorney fees, consultant and expert witness fees.

2.5 **GROUNDWATER**: Water beneath the surface of the ground.

2.6 **ILLICIT CONNECTION**: A surface or subsurface drain or conveyance, which allows an illicit discharge into the municipal storm drain system, including without limitation sewage, process wastewater, or wash water and any connections from indoor drains, sinks, or toilets, regardless of whether said connection was previously allowed, permitted, or approved before the effective date of this ordinance.

2.7 **ILLICIT DISCHARGE**: Direct or indirect discharge to the municipal storm drain system that is not composed entirely of stormwater, except as exempted in Section 8. The term does not include a discharge in compliance with an NPDES Storm Water Discharge Permit or a Surface Water Discharge Permit, or resulting from fire fighting activities exempted pursuant to Section 8, subsection 1, of this ordinance.

2.8 **IMPERVIOUS SURFACE**: Any material or structure on or above the ground that prevents water infiltrating the underlying soil. Impervious surface includes without limitation roads, paved parking lots, sidewalks, and rooftops.

2.9 **MUNICIPAL SEPARATE STORM SEWER SYSTEM or**

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MUNICIPAL STORM DRAIN SYSTEM (MS4): The system of conveyances designed or used for collecting or conveying stormwater, including any road with a drainage system, street, gutter, curb, inlet, piped storm drain, pumping facility, retention or detention basin, natural or man-made or altered drainage channel, reservoir, and other drainage structure that together comprise the storm drainage system owned or operated by the Town of West Springfield.

2.10 **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER DISCHARGE PERMIT:** A permit issued by United States Environmental Protection Agency or jointly with the Commonwealth of Massachusetts that authorizes the discharge of pollutants to waters of the United States.

2.11 **NON-STORMWATER DISCHARGE:** Discharge to the municipal storm drain system not composed entirely of stormwater.

2.12 **PERSON**: An individual, partnership, association, firm, company, trust, corporation, agency, authority, department or political subdivision of the Commonwealth or the federal government, either owning or controlling the property in violation of this ordinance, to the extent permitted by law, and any officer, employee, or agent of such person.

2.13 **POLLUTANT**: Any element or property of sewage, agricultural, industrial or commercial waste, runoff, leachate, heated effluent, or other matter whether originating at a point or nonpoint source, that is or may reasonably be expected to be introduced into the MS4. Pollutants shall include without limitation:

(1) paints, varnishes, and solvents;

(2) oil and other automotive fluids;

(3) non-hazardous liquid and solid wastes and yard wastes;

(4) refuse, rubbish, garbage, litter, or other discarded or abandoned objects;

(5) chemicals, pesticides, herbicides, and fertilizers;

(6) hazardous materials and wastes; sewage, fecal coliform and pathogens;

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(7) dissolved and particulate metals;

(8) animal wastes;

(9) rock, sand, salt, soils;

(10) construction wastes and residues; and

(11) noxious or offensive matter of any kind.

2.14 **PROCESS WASTEWATER:** Water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any material, intermediate product, finished product, or waste product.

2.15 **RECHARGE:** The process by which groundwater is replenished by precipitation through the percolation of runoff and surface water through the soil.

2.16 **STORMWATER:** Storm water runoff, snow melt runoff, and surface water runoff and drainage.

2.17 **SURFACE WATER DISCHARGE PERMIT.** A permit issued by the Department of Environmental Protection (DEP) pursuant to 314 CMR 3.00 that authorizes the discharge of pollutants to waters of the Commonwealth of Massachusetts.

2.18 **TOXIC OR HAZARDOUS MATERIAL or WASTE:** Any material, which because of its quantity, concentration, chemical, corrosive, flammable, reactive, toxic, infectious or radioactive characteristics, either separately or in combination with any substance or substances, constitutes a present or potential threat to human health, safety, welfare, or to the environment. Toxic or hazardous materials include any synthetic organic chemical, petroleum product, heavy metal, radioactive or infectious waste, acid and alkali, and any substance defined as Toxic or Hazardous under G.L. Ch.21C and Ch.21E, and the regulations at 310 CMR 30.000 and 310 CMR 40.0000.

2.19 **VIOLATOR:** A person, as defined in Section 2.12, who is in violation of the ordinance.

2.20 **WATERCOURSE:** A natural or man-made channel through which water flows, or a stream of water including, but not limited to,

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a river, brook or underground stream.

2.21 **WASTEWATER:** Any sanitary waste, sludge, or septic tank or cesspool overflow, and water that during manufacturing, cleaning or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct or waste product.

SECTION 3. APPLICABILITY

3.1 This ordinance shall apply to flows entering the MS4.

SECTION 4. AUTHORITY

4.1 This ordinance is adopted under the authority granted by the Home Rule Amendment of the Massachusetts Constitution and the Home Rule Procedures Act, and pursuant to the regulations of the Federal Clean Water Act found at 40 CFR 122.34 in effect at the time of the adoption of this ordinance, a copy of which is on file in the West Springfield Town Council Office.

SECTION 5. RESPONSIBILITY FOR ADMINISTRATION

5.1 The Department shall administer, implement and enforce this ordinance. Any powers granted to or duties imposed upon the Department may be delegated in writing by the Department to its employees or agents.

SECTION 6. REGULATIONS

6.1 The Department may promulgate rules and regulations to effectuate the purposes of this ordinance and establish the procedures for inspecting and monitoring property in town for compliance. Failure by the Department to promulgate such rules and regulations shall not have the effect of suspending or invalidating this ordinance.

SECTION 7. PROHIBITED ACTIVITIES

7.1 **Illicit Discharges.** No person shall dump, discharge, cause or allow to be discharged any pollutant or non-stormwater discharge into the MS4.

7.2 **Illicit Connections.** No person shall construct, use, allow, maintain or continue any illicit connection to the MS4, regardless of whether the connection was permissible under applicable law,

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regulation or custom at the time of connection provided, any person who has an Illicit Connection validly permitted prior to the effective date of this ordinance shall have 60 days to remove said connection or obtain a permit for said connection.

7.3 **Obstruction of MS4.** No person shall obstruct or interfere with the normal flow of stormwater into or out of the MS4 without prior written approval from the Department.

SECTION 8. EXEMPTIONS

8.1 Discharge or flow resulting from fire fighting activities or reasonable ice and snow control operations.

8.2 The following non-stormwater discharges or flows are exempt from the prohibition of non-stormwaters provided that the source is not a significant contributor of a pollutant to the MS4:

(1) Waterline flushing;

(2) Flow from potable water sources;

(3) Springs;

(4) Natural flow from riparian habitats and wetlands;

(5) Diverted stream flow;

(6) Rising groundwater;

(7) Uncontaminated groundwater infiltration as defined in 40 CFR 35.2005(20), or uncontaminated pumped groundwater;

(8) Water from exterior foundation drains, footing drains (not including active groundwater dewatering systems), crawl space pumps, or air conditioning condensation;

(9) Discharge from landscape irrigation or lawn watering;

(10) Water from individual residential car washing or, water from car washing conducted by a non-profit or charitable organization as part of a fund-raising activity on behalf of said organization;

(11) Discharge from dechlorinated swimming pool water (less than one ppm chlorine) provided the water is allowed to stand for one week prior to draining and the pool is drained in such a way as not to

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cause a nuisance;

(12) Discharge from street sweeping;

(13) Dye testing, provided verbal notification is given to the Department prior to the time of the test;

(14) Non-stormwater discharge permitted under an NPDES permit or a Surface Water Discharge Permit, waiver, or waste discharge order administered under the authority of the United States Environmental Protection Agency or the Department of Environmental Protection, provided that the discharge is in full compliance with the requirements of the permit, waiver, or order and applicable laws and regulations; and

(15) Discharge for which advanced written approval is received from the Department.

SECTION 9. SUSPENSION OF MS4 ACCESS:

9.1 The Department may suspend or terminate MS4 access to any person or property without prior written notice when such action is determined to be of an emergency nature to stop an actual or threatened illegal discharge that presents, or may present, imminent risk of harm to the public health, safety, welfare or to the environment. The person or property owner who has had MS4 access suspended or terminated may, within 30 days of notice of the action to suspend or terminate, request a hearing before the Director of the Department of Public Works appealing the action. Written notice of the suspension or termination shall be served on the person or the property owner as soon as practical, but no later than seven (7) days after the suspension or termination. In the event any person fails to comply with an emergency suspension or termination order, the Authorized Enforcement Agency may take all reasonable steps to prevent or minimize harm to the public health, safety, welfare or to the environment.

9.2 Any person discharging to the MS4 system in violation of this ordinance may have their access to the MS4 suspended or terminated, after a hearing, if such suspension or termination would abate or reduce a violation of this ordinance. The department shall notify the alleged violator of the hearing regarding the proposed termination or suspension of MS4 access by written notice, mailed to the violator not less than 10 calendar days prior to the scheduled hearing date. Said notice shall contain a summary of the reason(s) for the proposed

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suspension or termination and the effective date of said suspension or termination.

SECTION 10. NOTIFICATION OF SPILLS

10.1 Notwithstanding other requirements of local, state or federal law, as soon as a person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of or suspects a release of materials at that facility or operation resulting in or which may result in discharge of pollutants to the MS4 or waters of the Commonwealth, the person shall take all necessary steps to ensure containment, and cleanup of the release. In the event of a release of oil or hazardous materials, the person shall immediately notify the municipal fire and police departments and the Department. In the event of a release of non-hazardous material, the reporting person shall notify the Authorized Enforcement Agency no later than the next business day. The reporting person shall provide to the Authorized Enforcement Agency written confirmation of all telephone, facsimile or in-person notifications within three business days thereafter. If the discharge of prohibited materials is from a commercial or industrial facility, the facility owner or operator shall retain on-site a written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

SECTION 11. ENFORCEMENT

11.1 The Department, or an authorized agent of the Department, shall enforce this ordinance, as well as regulations, orders, violation notices, and enforcement orders, and may pursue all civil and criminal remedies for such violations.

11.2 Civil Relief. If a person violates the provisions of this ordinance, or any regulation, permit, notice, or order issued thereunder, the Department may seek injunctive relief in a court of competent jurisdiction restraining the person from activities which would create further violations or compelling the person to perform abatement or remediation of the violation. Any unpaid EEC, after 30 days, shall be a lien on all property in Town owned by the Violator, and shall be subject to collection pursuant to the Municipal Charges Lien provisions of the General Ordinances.

11.3 Orders. The Department, or an authorized agent, may issue a written order to enforce the provisions of this ordinance, or the regulations hereunder, which may include: (a) elimination of illicit connections or discharges to the MS4; (b) performance of

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monitoring, analyses, and reporting; (c) that unlawful discharges, practices, or operations shall cease and desist; and (d) remediation of contamination in connection therewith.

11.4 If the enforcing person determines that abatement or remediation of contamination is required, the order shall set forth a deadline by which such abatement or remediation must be completed. Said order shall further advise that, should the violator fail to abate or perform remediation within the specified deadline, the town may, at its option, undertake such work, and EEC shall be charged to the violator.

11.5 Within thirty (30) days after completing all measures necessary to abate the violation or to perform remediation, the violator and the property owner will be notified of the EEC incurred by the town, including administrative costs. The violator may file a written protest objecting to the amount or basis of costs with the Department within thirty (30) days of receipt of the notification of the costs incurred. If the amount due is not received by the expiration of the time in which to file a protest or within thirty (30) days following a decision of the Department affirming or reducing the costs, the EEC shall become a special assessment against the property owner and shall constitute a lien on the owner's property for the amount of said costs. Interest shall begin to accrue on any unpaid costs at the statutory rate provided in G.L. Ch. 59, Section 57 after the thirty-first day at which the costs first become due.

11.6 Criminal Penalty. Any person who violates any provision of this ordinance, regulation, order or permit issued hereunder, shall be punished by a fine of not more than $ 1,000.00. Each day or part thereof that such violation occurs or continues shall constitute a separate offense.

11.7 Non-Criminal Disposition. As an alternative to criminal prosecution, the town may elect, in addition to civil relief, to utilize the non-criminal disposition procedure set forth in G.L. Ch. 40, Section 21D and as outlined in Section 1-105 of the General Ordinances of the Town of West Springfield to enforce this ordinance and, any EEC shall be a lien under the Municipal Charges Lien provisions of the General Ordinances. The use of the non-criminal procedure shall not limit the ability or authority to seek criminal penalties in addition to any other enforcement method authorized in the ordinance.

11.8 Entry to Perform Duties Under this Ordinance. To the extent permitted by state law and by this ordinance, or if authorized by the

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owner or other party in control of the property, the Department, or, its agents, officers, and employees may enter upon privately owned property for the purpose of performing their duties under this ordinance and regulations and may make or cause to be made such examinations, surveys or sampling as the Department deems reasonably necessary.

11.9 Appeals. The decisions or orders of the Department shall be final.

11.10 Remedies Not Exclusive. The remedies listed in this ordinance are not exclusive of any other remedies available under any applicable federal, state or local law.

SECTION 12. SEVERABILITY

12.1 The provisions of this ordinance are hereby declared to be severable. If any provision, paragraph, sentence, or clause, of this ordinance, or the application thereof to any person, establishment, or circumstances shall be held invalid, such invalidity shall not affect the other provisions or application of this ordinance.

SECTION 13. TRANSITIONAL PROVISIONS

13.1 Property owners shall have 60 days from the effective date of the ordinance to comply with its provisions provided good cause is shown for the failure to comply with the ordinance during that period.

Town of West Springfield
Department of Public Works
Operations Division
26 Central Street
West Springfield, MA 01089

Vincent DeSantis
Public Works Operations Superintendent

Phone 413-263-3247
Fax 413-263-3245

April 14, 2005

To: Jim Lyons

From: Vinny DeSantis

RE: Storm Water BMP's

Jim:

I am giving you a synopsis of the D.P.W.'s BMP for the outline you described.

6A - Municipal Maintenance Activity Program

- The DPW maintains 17 parks and ball fields on a regular basis – trash is picked up daily and all green spaces are mowed on a weekly basis.
- Vehicle fleets are inspected monthly – oil changes are done regularly according to either mileage or hours.
- Catch basins and storm lines are inspected and cleaned on a daily basis. A route system has been established and a driver and laborer use the catch/vac machine to perform this task.
- Dike system mowed and cleared of debris regularly.

6B - Training of Municipal Employees

- Employees were trained in Hazardous Material Awareness with the Springfield Fire Departmen.

6C – Catch Basin Cleaning

- As stated above catch basins are cleaned regularly. The D.P.W. is in the process of purchasing a new catch/vac machine to perform this task more efficiently.

6D – Street Sweeping

- The D.P.W. presently sweeps the entire town one time. The downtown and main artery routes are swept an additional 4 times during the course of a season.

6E – Road Salt Program

- The D.P.W. have had training in salting operations

6F – Lawn Care and Pest Control

- Currently one person is trained and licensed in pest control. The D.P.W. intends on training at least one more individual.

6G – Storm Water Pollution Prevention Plan (SWPPP)

- The Department is currently in the process of having a state of the art repair facility built in which the items that fall under this plan will be addressed.

6H – Used Oil Recycling

- The D.P.W. currently and will continue it's oil recycling program.

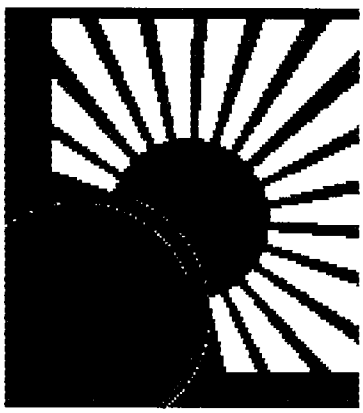
6I – Illegal Dumping

- The D.P.W. currently picks up these trouble spots and will continue to do so:
    - Agawam Avenue
    - Bear Hole Reservoir Area
    - Circuit Avenue
    - Palmer Avenue
    - Old Westfield Road
    - 7.2 miles of earthen dike

VOLUNTEERS NEEDED

EARTH DAY CLEAN-UP

SPONSORED BY
THE TOWN OF WEST SPRINGFIELD
AND
MAYOR EDWARD GIBSON



Saturday, April 23, 2005

Rain or Shine

9:00 AM – 3:00 PM

Meet at 9:00 AM at the Town Water Department
135 Piper Road, West Springfield

For Details Call Karen at The West Springfield Conservation Commission:

263-3203

Children must be accompanied by an adult.
Bring waterproof boots, work gloves, and a desire to help clean the environment! •

HEALTHY LAWN AND COMPOST WORKSHOP

Learn how to have a beautiful lawn and landscape that's healthy for your family, neighbors, pets and the environment! We will discuss the following topics:

- How to make compost easily;
- What can and cannot be composted;
- How to get a low-cost compost bin;
- How to use finished compost;
- How to create healthy soil for lawns and landscapes;
- Management practices for healthy lawns;
- Management practices for other types of landscapes (f lowers, shrubs, trees, vegetables);
- Alternatives to pesticides and chemical fertilizers

Tuesday, April 26, 2005

7-9 pm Agawam Public Library 750 Cooper Street

Please register to attend this FREE workshop by contacting:

Michael Pattavina at ***(413) 263-3234*** or **mpattavina@west-springfield.ma.us**

REFRESHMENTS • FREE GIFTS WIN A COMPOST BIN!

Presented by
Massachusetts DEP and
West Springfield DPW

Compost Bins Available for $20

The Town of West Springfield in cooperation with the Massachusetts DEP will be making compost bins available to residents at the subsidized cost of $20 each. These bins typically retail for between $60-$100. Call (413) 263-3234 for more information.

HAZARDOUS WASTE IN YOUR HOME?

Hazardous Waste is not just an industrial problem. Many household products contain hazardous chemicals. These products pose many dangers when not properly handled. The chemicals may contaminate our precious drinking supply when they are poured down the drain. When tossed in the garbage the wastes may injure sanitation workers. Please act responsibly when disposing of your Hazardous Waste.

SPRING 2005 SCHEDULE

HOUSEHOLD HAZARDOUS WASTE COLLECTION

Bring your unwanted household hazardous wastes on

SATURDAY, APRIL 23, 2005

9:00am-Noon

By Appointment Only • (413) 263-3246

To the West Springfield DPW Yard
430 Westfield Street

BRING:

FROM THE YARD	FROM THE GARAGE	FROM THE HOUSE	FROM THE WORKBENCH
Pesticides	Antifreeze	Drain Cleaners	Rust Preventatives
Insect Sprays	Brake Fluid	Oven Cleaners	Wood Preservatives
Rodent Killers	Wax Polish	Furniture Polish	Wood Strippers
Muriatic Acid	Engine Degreaser	Metal Polish	Wood Stains
No-Pest Strips	Carburetor Cleaner	Moth Balls	Paint Thinner
Fertilizer	Creosote	Pharmaceuticals	Lead Base Paint
	Motor Oil	Art Supplies	Solvents
	Gasoline	Craft Supplies	Degreasers
	Kerosene	Photo Chemicals	Sealants
	Car Batteries	Floor Cleaners	Latex & Oil Based Paints
	Pool Chemicals	Bleaches/Ammonia	
		Rechargeable Batteries	

NEW-Electronics Recycling
Bring your TVs, VCRs, Stereos, Cell Phones, Computers, Printers, Mouse, Keyboards, etc.

10-GALLON LIMIT PER HOUSEHOLD

West Springfield Households Only. FOR MORE INFORMATION/APPOINTMENT CALL:

West Springfield Department of Public Works ~ 263-3246

West Springfield 2005 Yard Waste Collection Program

DROP-OFF

Bondi's Island will no longer be available for residents to drop off yard waste. Instead the town will be collecting residential yard waste at the DPW Yard at 430 Westfield Street.

Drop-Off Center Hours

Monday-Friday (starting March 28th)
8:00 am - 3:00 pm

Saturdays (April 9th - May 28th)
8:00 am - 3:00 pm

What is Acceptable?
Leaves, Brush, Clippings and Grass

What is Unacceptable?
Leaves containing rocks or other debris.
No logs or stumps
Absolutely NO PLASTIC

- All yard waste must be in bags or barrels
- Yard waste (excluding brush) that is loaded loosely in pick-up trucks will not be accepted
- Brush must be less than 4" (inches) across and 4' (feet) in length.

For more information call (413) 263-3246

CURBSIDE

For your convenience we have also arranged for 2 pick-ups this season. Note that yard waste pick-ups may not be the same day as regular trash collection.

If your trash collection day is currently on:	YARD WASTE COLLECTION #1	YARD WASTE COLLECTION #2
Monday	Saturday, April 9, 2005	Saturday, May 7, 2005
Tuesday	Saturday, April 16, 2005	Friday, May 13, 2005
Wednesday	Friday, April 22, 2005	Saturday, May 14, 2005
Thursday	Friday, April 29, 2005	Friday, May 20, 2005
Friday	Saturday, April 30, 2005	Saturday, May 21, 2005

INSTRUCTIONS:

Place your yard waste curbside by 7 am on the dates listed in the above chart.
Should circumstances prevent us from collecting your yard waste on the date scheduled, it will be collected by the end of the next business day.

All yard waste must be in brown paper recycling bags or loose in barrels. Plastic bags or tightly packed barrels will not be collected.

Thank you in advance for your cooperation and understanding. Should you have any questions, please feel free to contact **BFI** at **(413) 592-9411.**