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

EPA NPDES Permit Number: **MA041024**

MaDEP Transmittal Number: **W-035938**

Annual Report Number & Reporting Period: **No. 3: March 05-March 06**

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

Printed Name: Edward J. Gibson

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 21, 2006

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

RE: NPDES Phase II Annual Report – March 05 to March 06

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, 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.

The DPW organized an Earth Day display in the West Springfield Public Library. The display was set-up at library's main desk for the months of April and May 2005. The display included educational materials, i.e. books, journals and videos, on many of the Town's environmental protection issues including pollution of storm water systems.

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 include methods of reducing or eliminating point sources of water pollution.

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 Stormwater related and Community Activities.

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.

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.

In the spring of 2005, the DPW created and distributed via mail an Environmental Bulletin that identified the various environmental program organized by the DPW. Included in the bulletin were references to the Healthy Lawn Care workshop, citizen's management of yard waste, household hazardous waste collection, and electronic waste recycling programs.

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, the Town of West Springfield has conducted/participated in various presentations and workshops which promote various Best Management Practices which promote increased awareness of stormwater issues.

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.

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.

Please see the attached DVD with the local production of "Earth Day in the pouring rain. West Springfield April 23, 2005." This was shown on the local cable channel 6 or 7 times per day during the summer months of 2005 and it will also be shown 6 or 7 times per day during the spring of 2006.

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.

Please see the attached DVD with the local production of "Earth Day in the pouring rain. West Springfield April 23, 2005." This was shown on the local cable channel 6 or 7 times per day during the summer months of 2005 and it will also be shown 6 or 7 times per day during the spring of 2006.

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

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 on a limited basis this year. We have found that the stencils are not durable and last only a few months. The town is investigating the use of plastic curb markers (disks) in the vicinity of catch basins.

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 will begin as soon as a GIS map has been prepared. Please see item 3A.

2G Watershed Committee

The Town of West Springfield supports the Westfield River Watershed Association and informs 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.

Hazardous Waste Collection 2005

- ***Provided technical assistance to Foster Construction Co. on hazardous waste cleanup of an empty lot on Agawam Ave. (a notorious illegal dumping site)***
- ***Organized a Healthy Lawn Workshop presented by Mass DEP on the proper use and application of lawn care chemicals and alternative lawn care methods.***
- ***Created a video for community cable station that highlighted the protection of stormwater drains from debris accumulation and hazardous waste disposal.***
- ***Established drop-off program for electronics and televisions at HHW Collection Day.***
- ***Organized a HHW Collection Event in April 2005 (401 vehicles served). Results include:***
    - ***3.7 tons of hazardous waste collected for disposal***
    - ***7.4 tons of electronics recycled***
    - ***800 gallons of waste-oil recycled***
    - ***85 gallons of anti-freeze recycled***
    - ***52 propane tanks recycled***
    - ***30 auto batteries recycled***

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 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, both of which are currently underway which address the issue of mapping stormwater outfalls. These projects are intended to complement each other and must be performed in sequence as listed below.

DPW File Automation (Currently Underway)

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. Pioneer Training of Holyoke, MA has developed a database and the coordination of database and GIS functions is being done by Tighe & Bond Engineers of Westfield, MA.

Tighe & Bond has installed data for the DPW Image Database (approximately 24GB of information) that the Town has provided and is in the process of debugging the software.

Our database is being used to find plan images necessary for the accurate mapping of the West Springfield storm drain and sanitary sewer systems. The resulting data is being used in a pilot program that is currently underway to map storm drains and associated outfalls, sanitary sewers and water lines.

NPDES Phase II – Mapping (Currently Underway)

This is a multi-year DPW capital project, which addresses NPDES Phase II compliance.

A pilot program that consists of mapping two areas of town is currently underway. Our

be in a better position to prepare for mapping the remainder of West Springfield. (Please see documentation 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:

> ***Draft Manual of Practice Identification of Illicit Connections***
> ***U.S. Environmental Protection Agency – Permits Division (EN-336)***
> ***September 1998***
>
> ***Illicit Discharge Detection and Elimination Manual***
> ***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.

ORDINANCE WAS APPROVED BY TOWN COUNCIL ON 4/19/05
A COPY IS IN THE APPENDIX

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.

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 drafting an Erosion & Sedimentation Control Ordinance that will be integrated with Site Plan Review and the issuance of building permits.

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 will continue to perform construction inspection relative to a new "Erosion and Sedimentation Control 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.

The "Erosion and Sedimentation Control Ordinance" will be integrated into the Site Plan Review and Building Permit rules and regulations. The ordinance is to be adopted 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.

The "Erosion and Sedimentation Control Ordinance" will be integrated into the Site Plan Review and Building Permit rules and regulations. The ordinance is to be adopted 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.

The "Erosion and Sedimentation Control Ordinance" will be integrated into the Site Plan Review and Building Permit rules and regulations. The ordinance is to be

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.

Catch Basin Cleaning program was instituted in 2005. The organic material was composted for beneficial use at the Springfield Yard Waste Composting Facility on Bondi's Island.

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.

Street Sweepings were composted for beneficial use at the Springfield Yard Waste Composting Facility on Bondi's Island.

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.

Through a grant from the Mass DEP, Organized a Healthy Lawn Workshop presented by Mass DEP on the proper use and application of lawn care chemicals and alternative lawn care methods. The workshop was attended by 25 West Springfield residents and included presentations by lawn care experts, distribution of lawn care literature, and back-yard compost bin and stormwater collection barrel prizes.

The DPW distributed 100 backyard compost bins to residents that included educational information on the clogging of stormwater systems by organic materials such as leaves and other yard waste debris.

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.

In 2004, the Town collected for recycling 800 gallons of used oil.
In 2005, the Town collected 1,190 gallons.

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.

The DPW, along with the Conservation Dept., organized the first Earth Day cleanup in April 2005. The Town used volunteers to clean litter and debris from the Town's public lands including Town streets.
Earth Day Cleanup results include:

- ***9.7 tons of litter***
- ***2.6 tons of bulk waste***
- ***1.8 tons of tires***
- ***498 tires (24 tires with rims)***

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

ase II) - Microsoft Internet Explorer
ools Help
Search Favorites Media
gfield.ma.us/Public_Documents/WSpringfieldMA_DPW/NPDES/Links%20Index%20Page Go Links
Search Web 1645 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
[redacted]	[redacted]
Westfield River Watershed Association	WRWA Website
[redacted]	[redacted]

Internet

m drain ordinance OK'd

LA CARBONE
@repub.com

NGFIELD – After and revisions, the Tuesday passed ıssion and no dis- ıance prohibiting utants into city

ıat flow through n system are not discharged into a ond or river. The signed to protect that discharge, is ity's compliance ral Clean Water

overed by the or- e paints, varnish- oil, rubbish, ıicals, pesticides, ıd hazardous ma- ıtes. In addition to release of pollu- n water, the ordi- gives the city hority to enforce

It was enforcement and the possibility of fines that slowed the council's vote on the ordinance. Some councilors also were concerned about wording and the scope of what was considered a violation.

The latest version of the revised ordinance addressed those concerns, said City Councilor Paul H. Boudo, chairman of the council Ordinance and Policy Subcommittee, which recommended passage of the ordinance.

Department of Public Works Director Jack L. Dowd said spills of hazardous materials of 5 gallons or more will still be reported to the state Department of Environmental Protection.

"This ordinance gives us the authority to take action on other incidents," Dowd said.

Until now, if the Department of Public Works found an illegal connection of a sanitary sewer into a storm drain, there was no procedure in place to respond to the incident, Dowd said. With the ordinance, the DPW can notify the owner the connection is not legal and must be corrected.

"It gives us the authority to tell the violator to cease and desist. If he does not, it gives the authority to go in and fix it and assess the violator the cost," Dowd said. If the property owner does not pay the costs, the city can put a lien on the property until the costs and fines are paid, Dowd said.

The vote to approve the ordinance was six in favor, none opposed. Councilors Edward C. Sullivan, Michael J. Flynn and Angus M. Rushlow were not present at Tuesday night's meeting.

E-Z STORAGE
Come and Store your stuff with the
Best Storage
Democrat Best of Springfield 2005
#1 Storage Facility

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

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.

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;

(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.

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, discha

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

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

9.2 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.

9.3 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

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

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-

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.

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	

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:

West Springfield Record.

Our 52nd Year, No. 34 West Springfield, Mass. — Thursday, April 21, 2005 Single Copy 35 Cents

Earth Day event in town to clean up local sites

Mayor Edward Gibson will be among the volunteers who will mark Earth Day by descending on selected sites in town to pick up trash, debris and other discarded material on Saturday, April 23.

Between 70 and 80 residents have volunteered to take part in the cleanup, which will take place the day after Earth Day. The cleanup is sponsored by the town and office of Mayor Gibson, the Conservation Commission and the town's conservation agent, Karen Leigh.

Mrs. Leigh, the primary organizer of the cleanup, is pleased with the response. "I was hoping for 50 volunteers,

• Please Turn to Page 10

Earth Day event in town to help clean up several local sites

• Continued From Page 1

so I think it's a huge response," she said.

Six sites have been targeted: a town-owned parcel located between Riverdale Street and the Connecticut River, behind Monro Muffler Brake; along Agawam Avenue; Circuit Avenue, near Connecticut Valley Block; Bridge Street, between Main and Union Streets, along the railroad tracks; a parking area on Front Street, near Rexam DSI and a rest area on Riverdale Street.

Also, the Friends of Mittineague Park have offered to take care of – what else?– Mittineague Park, allowing volunteers to concentrate on the six sites. "They know the park," Mrs. Leigh said. "They know where to go."

Volunteers will gather at the Water Department yard at 135 Piper Rd. at 9 a.m., where the Lions Club will serve coffee and Mrs. Leigh will direct volunteers to the clean-up sites. The Lions Club will also prepare a midday meal.

The majority of workers will probably be sent to the site behind Monro Muffler Brake, where discarded tires are stuck in the muck, Mrs. Leigh said. Bagg Brook, which flows through the area, could complicate the cleanup there, she said.

"There's a lot of trash, and there's a lot of tires," Mrs. Leigh said. "We'll get what we can."

Improperly discarded trash, metal, and oils and similar fluids adversely affect the environment in many ways, some of which are not so obvious. For example, Mrs. Leigh said that plastic wrap, if it gets wrapped around the bill of a duck or the beak of a bird, may cut off the air supply, causing death. Also, small animals sometimes get trapped in debris, she said.

The more well known effects include alteration and even destruction of ecosystems, visual blight and pollution of the water supply.

Mrs. Leigh expects the bulk of the work to be done in the morning. The afternoon, she says, will be given to loading debris onto trucks and removing it. The Department of Public Works will be on hand with trucks.

Volunteers include local Scouts and the Westfield State College Water Watch. And, townspeople who want to pitch in should report to the Water Department yard at 9 a.m. Workers should bring waterproof boots and work gloves, and children should be accompanied by an adult. The cleanup will be held rain or shine.

Earth Day was first celebrated in 1970. It's original intent was to promote the use of renewable energy sources.

"I'd like to make this an annual event," Mrs. Leigh said of the Earth Day cleanup. "I'd like to expand it."

– P.T.D.

West Springfield Record.

Joseph Day House Built 1754

Our 52nd Year, No. 35 West Springfield, Mass. — Thursday, April 28, 2005 Single Copy 35 Cents

DPW WATER DIVISION
26 CENTRAL ST
W SPRINGFIELD MA 01089-2753

A busy Saturday for DPW

Jason Croteau of the DPW puts away one of the many televisions that townspeople brought to the town yard Saturday at the annual household hazardous waste collection. It was the first time that the town accepted television, computer monitors and similar equipment, sparking a big turnout. (Photograph by Marc Breault)

Big response to hazardous waste dropoff

A plan to limit participation in the town's annual household hazardous waste collection was called off after it became apparent that numerous townspeople would be excluded.

Around 450 residents took part in the hazardous waste collection Saturday, far more than the 250 that had been projected. The Department of Public Works oversaw the collection.

"I was surprised at the amount of stuff that was dropped off," said Mayor Edward Gibson. "I think we are getting the message [about recycling and proper disposal] out there."

Explaining the need to limit partici-

• Please Turn to Page 13

• Continued From Page 1

pation, DPW Director Jack Dowd said, "We had a budget. We had to have a handle on the number of residents, because if you just throw it open, you don't know if you're going to do 50 cars or 250 cars."

This year, $10,000 was budgeted for the hazardous waste collection, down from the $12,000 budgeted the year before.

Townspeople were told to make appointments, but the DPW stopped setting up appointments after 250 had been made. As town officials began to field calls from residents unable to get appointments, Mayor Gibson removed the 250-car cap.

"The mayor asked us to take everybody," said Mr. Dowd. "The mayor didn't want to leave anyone out."

The DPW estimated that the collection, which ran from 8:30 a.m. to 1 p.m., cost between $17,500 and $18,000. For the first time, the town accepted televisions and computer monitors. Two large walk-in containers were filled with the screens and other electronic items, Mr. Dowd said.

"It's good for the environment," Mr. Dowd said of the hazardous waste collection. "It gives everybody a chance to recycle."

Residents brought their hazardous waste to the DPW yard on Westfield Street. Cars snaked through the yard and onto Tubbs hill. "Probably the longest people waited was 20 minutes," Mr. Dowd said, "although we got some complaints from people who had appointments but had to wait."

In prior years, the Health Department oversaw the hazardous waste collection. This year, the DPW took over, although funds for the collection remained in the Health Department budget. Those funds are expected to be included in the DPW budget for the upcoming 2006 fiscal year.

This year's $10,000 budget was exceeded by at least $7,500. "If we've exceeded the budget, we'll look for extra money to cover the shortfall," Mayor Gibson said.

Mr. Gibson said he expects the program to be adjusted, perhaps by establishing co-operative agreements with other communities. Also, an Earth Day cleanup took place Saturday, with Mr. Gibson saying it might be advisable to hold the hazardous waste collection and Earth Day activities on different dates.

"Did we have too much going on at

LOCAL

MONDAY, MAY 2, 2005 SECTION B

Vaste cleanup proves popular

e first time, West Springfield residents needed to ıppointments to drop off hazardous waste materials.

ANGELA CARBONE
arbone@repub.com

T SPRINGFIELD – The ecent hazardous waste ɔn day exceeded all ex- ns – and its own budget. collection of unwanted ous materials and ic devices from resi- as April 23 at the De- it of Public Works yard field Street.

ıe first time, instead of ı invitation to residents to drop off materials anytime during the day, people had to make appointments.

Department of Public Works Director Jack L. Dowd said after the collection that it was hoped appointments would cut down on any traffic tie-ups along Route 20.

Dowd said estimates of how much each vehicle would bring to the site helped him estimate a specific a cutoff number. Appointments were cut off at 250 vehicles initially. This year's Health Department budget was allotted $10,000 for hazardous waste disposal.

But Mayor Edward J. Gibson decided to reopen the appointments after receiving a number of calls from residents who had wanted to take advantage of the annual program.

"We felt it was important," Gibson said. The city wanted to accommodate as many people as possible, he said. He said he will transfer money to cover the extra cost.

Dowd said more than 400 vehicles dropped off materials that day. The final cost was about $17,900, he said.

Adding so many appointments in the time allotted for collection meant that the traffic did spill out onto Westfield Street. But the operation went smoothly, Dowd said.

"Our department and Clean Harbors (which was hired for the collection) did a terrific job in the pouring rain," he said.

Having so many people participating was encouraging, particularly on a chilly, rainy day, Gibson said.

"I was surprised at the amount of stuff" that was collected, he said. "I think we are getting the message out there."

Gibson added that the city's recycling efforts are also picking up. "We did more recycling in March than we had ever done before," he said.

Another change in this year's hazardous waste collection day was the inclusion of discarded electronic devices, such as computers, monitors and television sets, as well as the traditional materials, such as pesticides, fertilizer, car batteries and paint. That probably added to the popularity of the event, Dowd said.

"We filled two walk-in containers, 7 feet high and 15 feet long, with TV sets, computers and monitors. One guy brought in eight computers," he said.

Earth Day Clean Up
April 23, 2005
West Springfield

In early January 2005, Karen Leigh, the Conservation Officer for the Town of West Springfield began coordinating a town-wide clean up effort to celebrate Earth Day 2005. Once the Mayor's Office, Mike Pattavina from DPW, Shaun Hayes from the West Springfield Lions Club and Ed Sullivan from the Town Council Office became involved, the event began to take on a life of it's own.

Coordination also involved participation from local boy scout and girl scout troops, Friends of Mittineague Park, the Westfield Watershed Association, the Chicopee River Watershed Association, the Westfield Water Watch Group, and the many individual concerned citizens who contacted the Conservation Commission to offer their assistance after seeing the event posted in the town hall, town library, town website, or on the local access channel. In addition, the West Springfield Record and Springfield Republican followed the event's development, and published several articles announcing the date and itinerary.

Over the next few months, the event gained momentum. The Sullivan Paper Company offered to supply trash bags and gloves, The West Springfield Lions Club offered to provide coffee and danish in the morning and hot dogs and hamburgers for lunch, and BFI Waste Management Company not only offered to supply a roll-off bin for bulk waste disposal, but to pay for the cost of disposal.

Mike Pattavina and Karen Leigh spent many hours hashing out the details and traveling about town identifying sites and prioritizing their need of attention. In the end, 10 sites were finalized, and three sites were listed as desperately in need of attention.

By the time the date had arrived, approximately 80 volunteers had signed up, including members of the

Saturday Morning, April 23rd

A misty rain fell as the volunteers gathered at the Town Water Department for coffee and danish, and to find out which site they would be assigned to clean up. The rain was steady and gathered intensity, but did not deter the 70 people who showed up, clad in rain gear and ready to improve the environment.

Scouts, kids and their parents and individual citizens took their trash bags and scoured 5 sites that morning, picking up litter, illegally dumped household waste, building materials, plastics, tires and car parts. One site along the banks of the Connecticut River had metal chairs, old bicycles, trash and many, many, many tires.

The kids also enjoyed a wonderful Vernal Pool Program at Mittineague Park offered by Detrich Schlobohm.

The West Springfield Conservation Commission would like to thank Mayor Edward Gibson, Mike Pattavina and the DPW staff, The Parks Department and Shaun Hayes, for their support was crucial to our efforts. Blanche Withee for videotaping the event, Dietrich Schlobohm for his vernal pool program for the kids, The East Coast Electronics Recycling for donation of a roll-off container, and the coffee and lunch provided for us by the jolly bunch from the West Springfield Lions Club.

But we especially want to thank all those volunteers who gave up a Saturday, braved the rain, and took part our *very* successful Earth Day Clean Up that removed a total of 14 tons of trash! We hope to see you all next year! ☺

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

TOWN OF WEST SPRINGFIELD

DEPARTMENT OF PUBLIC WORKS
26 CENTRAL STREET
SUITE 17
WEST SPRINGFIELD, MA 01089-2763

Monday - Friday
8:00 AM - 4:30 PM

Tel: (413) 263-3242
Fax: (413) 734-9745

JACK DOWD
Director

James W. Lyons, P.E.
Town Engineer

Vincent DeSantis
Deputy Director of Operations

Jeffrey R. Auer
Deputy Director of Water

Harry Hubbard
Tree Warden

Michael Pattavina
Waste Management Coordinator

Cynthia Zarichak
Office Manager

Town of West Springfield
Yard Waste Drop-Off Program
Fall 2005

The Town will be accepting residential yard waste at the Operations Center located at 430 Westfield Street.

Hours: Monday – Friday
7:15 AM – 3:00 PM

Saturdays (starting October 15th thru December 3rd)
8:00 AM – 3:00 PM

- Yard waste consists of leaves, small brush, clippings, and grass.
- All yard waste must be in bags (no plastic) or loosely packed in barrels.
- Leaf and yard waste loaded loosely in pick up trucks <u>will not be accepted</u>.
- Brush must be less than 4 inches in diameter and no longer than 4 feet. No logs or stumps will be accepted.

For information call (413) 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

Monday - Friday
8:00 AM - 4:30 PM

Tel: (413) 263-3242
Fax: (413) 734-9745

TOWN OF WEST SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS
26 CENTRAL STREET
SUITE 17
WEST SPRINGFIELD, MA 01089-2763

JACK DOWD
Director

James W. Lyons, P.E.
Town Engineer

Vincent DeSantis
Deputy Director of Operations

Jeffrey R. Auer
Deputy Director of Water

Harry Hubbard
Tree Warden

Michael Pattavina
Waste Management Coordinator

Cynthia Zarichak
Office Manager

PRESS RELEASE

Christmas Tree Curbside Collection

Curbside Christmas tree collection will take place on Tuesday, January 3, 2006 and end on Friday, January 13, 2006. Please place your tree on the tree belt, along with your rubbish, and it will be collected during this two-week time frame.

West Springfield, MA
GIS Pilot Project Kickoff Meeting Minutes

Meeting Date: March 3, 2006 9:00-10:30

Attendees: Jack Dowd, Director, West Springfield DPW
Jim Lyons, Town Engineer, West Springfield DPW
Jim Czach, West Springfield DPW
Tanu Hoque, West Springfield GIS
Bob Peirent, Tighe & Bond
Shawn Shepard, Tighe & Bond
Sean Sweeney, Tighe & Bond

1. Jack led off the meeting saying that he needs us to commit significant effort ASAP to the mapping project so that he can justify another $150K in the FY07 budget.
2. The plan is for the pilot work including storm, sanitary and water to be completed in the next 6 weeks +/-. We'll then roll right into the full scale mapping work.
3. Water mapping will be done by integrating the existing WaterCAD data and snapping to existing valve locations.
4. Gave the town an overview of how the mapping will work and discussed issues seen so far in the preliminary effort as well as some anticipated issues.
5. Town will be using the GIS stormwater data to generate a model that VHB will then use to determine if any underground stormwater expansion is required as part of their Route 20 (Westfield Street) project.
6. For utility mapping purposes, the town has been divided up into checkplot areas. The pilot areas will be Area 11 and Area 12, which encompass the list of streets submitted by Jim Lyons as being of immediate concern to the town for drainage mapping.

Action items:

1. Tighe & Bond:
    a. Add a polygon feature class to the geodatabase and draw a polygon around digitized features attributed with the plan index. This will allow them to easily search for/link the plans that were digitized by clicking a map.
    b. Add a field for pipe height for use with rectangular (including square) pipes. In the future we may add a calculated pipe cross section area field.
    c. Add a field for pipe cross section geometry (square, rectangular, circular, oval, etc.).

a. Jim Lyons to send Sean a CD of the new plan scans (post 1991) and a copy of the handwritten notes describing the plans. These eventually need to be into the records manager database.
b. Tanu to download the full resolution orthos from the SDE server to make it easier to copy them over to the external hard drive at the next meeting.

West Springfield, MA
GIS Pilot Project Status Meeting Minutes

Meeting Date: March 27, 2006 10:00-11:30

Attendees: Jim Lyons, Town Engineer, West Springfield DPW
Jim Czach, West Springfield DPW
Jeff Auer, West Springfield DPW
Tanu Hoque, West Springfield GIS
Bob Peirent, Tighe & Bond
Mike Blake, Tighe & Bond
Sean Sweeney, Tighe & Bond

1. Some of the missing drainage plans should be in the WPA plan set. These should all be drawer 25. They may be named by system rather than street (e.g. "Sand Hill System", "Darby Brook System").
2. There should be revised plans for Webster Bank (Elm St) and United Bank (Van Deene St). May be available through the Planning Board. They haven't been scanned yet.
3. The Steele Brothers field books don't have much (if any) utility information. These are mostly boundaries. There are index cards for the Steele Brothers books.
4. The Town will do an office check to help locate more data for the pilot areas, particularly the missing streets (see action items below). Once any new data has been integrated we will meet with the town to plan the field inspection.
5. Tom still has hundreds of post-1991 plans to scan.
6. A historic map book of utility plans from the early 1900's was brought out and reviewed. For many of the older areas of Town, these may still be the best source of mapping data. The sheets from these two books that cover the pilot area will be scanned and forwarded.
7. In addition to the above map book, the Town also has small map books for mapping back in the 1876 timeframe. It may be useful to scan this information just from an archive standpoint. Some of this may be useful information for the utility mapping effort.
8. Discussed the split of responsibility for stormwater between the State and the Town. In the pilot area, anything from Route 5 east is the State's responsibility and won't be mapped by the Town. The only exception to this would be where the Town or State drainage system is combined or flows between. It may be beneficial to contact MassHighway to determine their stormwater mapping efforts

11. Once all the existing records have been used, areas for field verification will become clear. It would be best to try to identify those areas in the pilot area within the next couple of weeks since this is the best GPS collection time of year. The Town will need to provide support to the field verification crew for removing manhole covers, traffic control, and system access.
12. Reviewed the overall Utility Mapping Status map and explained the estimates for completion by Checkplot area and Town-wide.
13. Reviewed the Checkplots for area 11 as well as the Data Issue sheet. Briefly went over how the data issues are identified and what information will be required.
14. Reviewed the map that showed the extent of georeferenced plans within Area 11. The Town would like the specific area mapped from the plans rather than a bounding box around the extent of the entire plan.

Action items:

1. Tighe & Bond:
    a. Send Area 11 drainage PDFs to Jim Lyons.
    b. Enter the data from the field book index into records manager (once scans are received from town – see d below).
    c. Send Jeff Auer a summary of total pipe length by material from the water model.
    d. Check with Shawn Shepard to see when town can start entering new plan data directly into the records manager.
    e. Get back to Jim Lyons with a target date for records manager documentation.
    f. Focus on streets where initial review of the records didn't find any plans. Some of this may be due to database issues, wrong streets entered in the index, or plans that haven't been scanned yet.
2. West Springfield:
    a. Jim Lyons will let Bob Peirent know when the next year's funding for this project will go in front of the town council.
    b. Investigate the missing streets at the office and send back plan numbers or field book indices (book & page) to help in locating the images.
    c. Any images that are needed for the pilot area and aren't yet scanned will be scanned and sent.
    d. Scan the old (1905) plan books. These will be used primarily for attributes.
    e. Scan the field book index and send.

TOWN OF WEST SPRINGFIELD

DEPARTMENT OF PUBLIC WORKS

26 CENTRAL STREET

WEST SPRINGFIELD, MA 01089

Monday - Friday
8:00 AM - 4:30 PM

Tel: (413) 263-3242
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JACK DOWD
Director

James W. Lyons, P.E.
Town Engineer

Vincent DeSantis
Deputy Director of Operations

Jeffrey R. Auer
Deputy Director of Water

Harry Hubbard
Tree Warden

Michael Pattavina
Waste Management Coordinator

Cynthia Zarichak
Office Manager

April 19, 2006

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 regular 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 every day. 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 Materials Awareness with the Springfield Fire Department.
- Employees trained and passed exam IS00700

6C – Catch Basin Cleaning

6D – Street Sweeping

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

6E – Road Salt Program

- The DPW has conducted training in salt application for employees involved in snow operations.

6F – Lawn Care and Pest Control

- Currently one person is trained and licensed in pest control. The DPW intends to train at least one more individual

6G – Storm Water Pollution Prevention Plan (SWPPP)

- The Department is currently reviewing bids for a state of the art repair facility. The design of this facility addresses items that are included in this item.

6H – Used Oil Recycling

- The DPW has a continuing program to collect and recycle used motor oil.

6I – Illegal Dumping

- The DPW continues to pick up illegally dumped materials at the following trouble spots:
    - Agawam Avenue
    - Bear Hole Reservoir
    - Circuit Avenue
    - Palmer Avenue
    - Old Westfield Road
    - 7.2 miles of earthen dike