CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

CLEAN WATER

Stanley W. Kulig, P.E.
Superintendent

Thomas Hamel
Chief Operator

04

April 29, 2005

1003

Edward K. McSweeney
Environmental Protection Agency
Permits Processing Section
P.O. Box 8127
Boston, Ma. 02114

Re: Storm Water Management Phase II 2004 Annual Report

Dear Mr. McSweeney:

Enclosed please find the Storm Water Management Phase II 2004 Annual Report.
This report is submitted in compliance with Chicopee's July 2003 Notice of Intent. If you have any questions do not hesitate to call me.

Sincerely

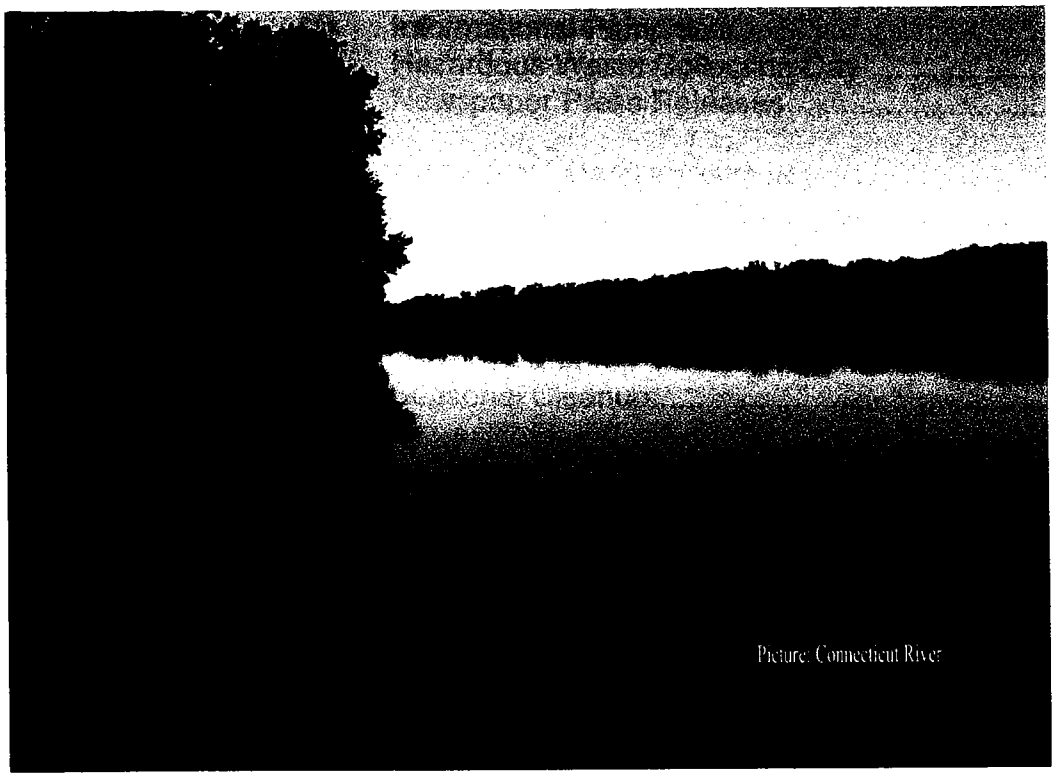
Thomas Hamel
Chief Operator

Copy: Mayor Richard R. Goyette
Ma. DEP Western Region
Board of Alderman
Sewer Commission
Ms. Kathy Lukasik, Chicopee High School

TH/th/office97/letters/EPA/DEP/Storm Annual Rpt coverlet

2005 MAY -3 AM 8:38

DPW-Water Pollution Control
Chicopee Massachusetts



2004 Annual Report
Phase II
Storm Water Management

Submitted April 29, 2005
By Thomas Hamel
Chief Operator WPC

SECTION 1 PUBLIC EDUCATION AND OUTREACH

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

1A Educational Displays

The City posted an educational display in City Hall, the Senior Center, and the Main Branch of the Chicopee Public Library, on December 29,2004. A copy of this posting is attached.

1B Classroom Education

The City will support the current Environmental Club at Chicopee High School and encourage storm water educational topics to be included. Staff spoke to the Chicopee High School environmental club February 4, 2004 about storm water topics and the possibility of setting up a river-monitoring program. The Chicopee HS chemistry instructor Kathy Lucasik working with IPP staff took up the river monitoring challenge.

Staring April 28, 2004 to June 9, 2004 Tom Hamel and Laurie Catarino from the City met for an hour each week with Ms Licasik and her students. Water samples form Bemis Pond, Chicopee River and Connecticut River were analyzed for a number of parameters. See attached. In addition Ms Lucasik continued the program herself thru the summer to November 8, 2004.

1C Local Cable Access

The City posted an informational message reminding residents to protect City storm drains from harmful wastes. This message was run on the local community access station during the period November 15th to the 29th 2004. A copy of the message is attached.

1D Informational Pamphlets

The City is preparing a new pamphlet that will detail a Five Year Program dealing with storm water issues especially CSOs. Household Hazardous Waste Collection mailer February 2004, and Landfill Bulk Drop-Off procedures September 2004

1E Hazardous Waste Collection Day

The City conducted an annual household hazardous waste collection for residents Saturday May 1, 2004. Results:

200 households participated,

40, 55 gal drums of liquid waste collected

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SECTION 2 PUBLIC INVOLVEMENT / PARTICIPATION

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

2A Community Hotline

The City publicizes the community hotline through the distribution of door-hangers with the catch basin cleaning program and with other mailings. In 2004, 1201 catch basins were cleaned and two to four hangers are distributed per basin. The phone number for the city's water pollution control facility is included to facilitate reporting of dumping, illicit discharges, and spill emergencies. A copy of door hanger is attached.

2B Attitude Surveys

The City will continue its Customer Survey Program, which involves providing a questionnaire to customers following receipt of service. Storm water related questions were added to the survey form. The survey will be conducted to measure community awareness of storm water issues and the success of the Public Education and Public Involvement components of the Storm water Management Plan. The two questions added in 2004; 1) Do you support higher sewer/storm fees for cleaner Chicopee & Conn. Rivers? 2) Do you support a higher sewer/storm fee to separate sewer pipes to stop sewer backups?

Presently with a very limited response so far yes & no responses are even.

2C Storm Drain Marking

The DPW-WPC supports community groups to stencil catch basins or mark by installing placards. The DPW-WPC will supply guidance regarding the content of the message, directions on locations, and materials if necessary donations cannot be otherwise obtained. Messages may include such phrases as "Do Not Dump" or "Drains to Stream". A local Cub Scout troop and their families aided by City IPP/CS staff marked the storm drains in an entire section of the collection system. The City has marked 585 catch basins in 2004.

2D Watershed Committee

The DPW-WPC will encourage and support the activities of the Chicopee River Watershed Council (CRWC).

2E Seasonal Cleanup

The City will continue its annual seasonal cleanup of selected environmental areas. The City will support the cleanup by advertising, supervising volunteers collecting litter and by providing trash bags. The Conservation Commission worked with a local landowner

SECTION 3 ILLICIT DISCHARGE

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

3A Mapping Storm Water Outfalls

A Storm water Outfall Map exists for all the outfalls. The Engineering Department is continuing to update this map and make it more useful. The Engineering Department plans to plot the entire network with data of each structure and pipeline in years 2-5. A copy of the map is on file with the City Engineer.

3B Develop Illicit Discharge Plan

Chapter 231 Chicopee Storm Water Management Ordinance outlines this activity. Additionally the drainage network plan will serve as a tool to track illicit discharge sources.

3C Storm Water Discharge Ordinance

The City adopted a Storm Water Management Ordinance (October 28, 2003) to prohibit non-storm water discharges into the MS4 system. A copy was previously sent.

3D Illegal Dumping

The DPW performs regular patrols of areas known for illegal dumping. The DPW has post signage to deter illegal dumping at common dumping areas .

3E Recreational Septage

The Sewer Commission currently allows Chicopee residents with Recreational Vehicles to dump wastewater at the WWTP at no charge to deter illegal dumping. There were 48 recreational vehicles utilizing this service in 2004.

3F Failing Septic Systems

The Health Department currently keeps records of septic system failures that are used to identify problem areas. The health Department reported 8 failed systems and all have been corrected. A copy is attached.

3G Industrial / Business Connections

The Industrial Pretreatment Program's effectiveness is evaluated as required annually each April 1st. This includes the demonstration that EPA requirements for Industrial User monitoring, inspecting, enforcement, and permitting has been satisfied; the City has implemented local discharge limitations that are sufficiently protective to the POTW and its workers, its receiving stream, and sludge disposal options; the City's IPP is appropriately funded and staffed. The IPP report submitted during 2004 will be provided to you upon request.

3H Video Inspection

The DPW – WPC uses a video camera to inspect storm drain pipes as needed to follow up on illicit discharges discovered. Over 2,000 feet at 18 different locations were TV inspected and or cleaned 2004. See attached.

SECTION 4 CONSTRUCTION SITE RUNOFF

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

4A Construction Runoff Ordinance

The City adopted a Storm Water Management Ordinance that requires sediment and erosion control at construction projects with over one acre in total disturbance.

4B Construction Plan Review

Under the Storm Water Management Ordinance, applicants with projects with disturbance over one acre will be required to submit sediment and erosion control plans for City review and approval. The Planning Department reviewed 13 projects for storm water management compliance in 2004. A copy of the projects list is attached.

4C Inspection / Reporting

Under the Storm Water Management Ordinance, projects with disturbance over one acre will be required to have regular inspection of sediment and erosion controls and reporting of construction activities.

SECTION 5 POST CONSTRUCTION STORM WATER

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

5A Post Construction Runoff Ordinance

The City adopted a Storm Water Management ordinance to address post construction runoff from projects with over one acre in total disturbance.

5B Site Plan Review

Under the Storm Water Management Ordinance applicants with projects with disturbance over one acre are required to submit storm water control plans for City review and approval.

5C Storm Water System Maintenance Plan

Under the Storm Water Management Ordinance projects with disturbance over one acre will be required to include a program outlining procedures for long term operation and maintenance of storm water facilities. Operation and maintenance requirements for storm water facilities to be constructed as part of new development and redevelopment projects is expected to be enforced in Years 3 through 5. Additional staffing may be required to carry out the inspection.

SECTION 6 GOOD HOUSEKEEPING

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

6A Municipal Maintenance Activity Program

The City is continuing to work to develop a program to outline procedures associated with maintenance of open spaces and parks, vehicular fleets, City-related construction activities, streets and the storm sewer system. The City is evaluating existing municipal procedures; modifying any procedures as needed, and starting implementation of the program plans. Representatives of Chicopee's Water Department, Electric Light Department, Water Pollution Control, Fire Department, DPW, School Department and Golf Club met November 6, 2003 with Tighe and Bond Environmental Engineers. Jeff Bibeau of T & B conducted a presentation a Storm Water Management Training Seminar. Utilizing this information each department is reexamining their procedures and make the required modifications.

6B Training of Municipal Employees

Municipal employees performing activities under the new Municipal Maintenance Activity Program (BMP #6A) will be informed of new policies and procedures. This will occur pending adoption of the Program. DPW employees will also be informed of the Storm Water Pollution Prevention Plan requirements for the DPW, as applicable. Initial training was given in Year 2. An Annual Refresher in the form of a seminar or memorandum will be given each year for Years 3 through 5. Program outlines for the Fire Dept., Parks Dept., Water Dept., City Hall Maintenance, DPW, Golf Course, Central Maintenance Garage, School Dept.,and WPC facility are attached.

6C Storm Water Pollution Prevention Plan / MSGP

A Storm Water Pollution Prevention Plan (SWPPP) will be revised & implemented for the DPW facility, the Central Maintenance Garage (CMG), and the Chicopee Electric Light Department (CELD) and Fire Department under the EPA Phase II Storm water Program Multi-Sector General Permit (MSGP).

6D Catch Basin Cleaning Program

The City cleaned approximately 1201 catch basins in 2004. Informational flyers are distributed to homes in the immediate area around the basins.

6E Street Sweeping

For calendar 2004 the Coty had three mechanical sweepers. Due to the lack of a harsh winter, sweeping operations began earlier than normal in early March and continued until November 2004. Every street in the City was swept at least once. Most main arteries

were swept several times as sweepers moved in and out of secondary streets. While only monthly sweeping is required in the business districts the City set a higher goal. The Central business districts (Chicopee Falls, Fairview, Willimansett, Aldenville, Chicopee Center) were swept once per week.

6F Used Oil Recycling

The City currently collects used oil at the DPW facility for utilization as a regulated recyclable material in the DPW garage waste oil heater. The City will continue to offer Used Oil Recycling in Years 1 through 5. The DPW has the responsibility for this BMP.

6G Hazardous Waste Collection

The City will continue its annual Hazardous Waste Collection Day, in 2004 it was held May 1st . Every year, the City publicizes the collection day through newspaper ads and radio and local cable access. There is also seasonal paint collection at the DPW. This DPW will continue to have the responsibility for this BMP, which will be utilized in Years 1 through 5. See section 1E

SECTION 7 BMP'S FOR MEETING TMDL'S

MINIMUM CONTROL BEST MANAGEMENT PRACTICES

7A TMDL for Connecticut River

According to the Massachusetts Year 2002 Integrated List of Waters, the 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 Storm water Management Progam includes many BMPs to address reduction of contaminants from these sources under all Six Minimum Control categories. The City will implement these BMPs under the responsible department and timeframes as previously described.

7B TMDL for Chicopee River

According to the Massachusetts Year 2002 Integrated List of Waters, the Chicopee River is designated as Category 5 "Waters requiring a TMDL". The targeted pollutant is pathogens. Sources of pathogens may include but are not limited to: pet waste, winter road maintenance materials, illicit sewer discharges, and failing septic systems. The Storm water Management Program includes many BMPs to address reduction of contaminants from these sources under all Six Minimum Control categories. The City will implement these BMPs under the responsible department and timeframes as previously described.

7C TMDL for Bemis Pond

According to the Massachusetts Year 2002 Integrated List of Waters, Bemis Pond is designated as Category 5 "Waters requiring a TMDL". The targeted pollutant is suspended solids. Sources of this pollutant may include but are not limited to: lawn care products, litter, winter road maintenance materials, erosion from construction activities, and illicit sewer discharges. The Storm water Management Program includes many BMPs to address reduction of contaminants from these sources under all Six Minimum Control categories. The City will implement these BMPs under the responsible department and timeframes as previously described.

7D TMDL for Mountain Lake

According to the Massachusetts Year 2002 Integrated List of Waters, Mountain Lake is designated as Category 5 "Waters requiring a TMDL". The targeted pollutants are

noxious aquatic plants and turbidity. Sources of these pollutants may include but are not limited to: lawn care products, improper handling of yard wastes, pet waste, illicit sewer discharges, construction activities, and failing septic systems. The Storm water Management Program includes many BMPs to address reduction of contaminants from these sources, specifically under the Six Minimum Control categories of Public Education/Outreach, Illicit Discharge Detection and Elimination, and Pollution Prevention/Good Housekeeping. The City will implement these BMPs under the responsible department and timeframes as previously described.

CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.
Superintendent

Thomas Hamel
Chief Operator

TO: TOM HAMEL, CHIEF OPERATOR
FROM: LAURIE GOFF, IPP COORDINATOR

DATE: FEBRUARY 28, 2005

RE: REQUIRED INFORMATION FOR ANNUAL STORMWATER MANAGEMENT COMPLIANCE REPORT

This correspondence is intended to fulfill the Industrial Pretreatment Program's reporting requirements for inclusion in the Stormwater Management Compliance Annual Report to EPA.

The following tasks were completed by IPP/ WPC lab staff during 2004:

- Educational displays were placed in City Hall, the Senior Center, and the Main Branch of the Chicopee Public Library, on December 29, 2004. A copy of one of these brochures is attached.

- A message reminding residents to protect City storm drains from harmful wastes was run on the local community access station for the period November 15- 29, 2004.

- Press releases, copies of which are included here, were run in the Chicopee Register on December 4, 2004 and The Republican December 14, 2004.

- The Industrial Pretreatment Program's effectiveness is evaluated as required annually each April 1st. This includes the demonstration that EPA requirements for Industrial User monitoring, inspecting, enforcement, and permitting has been satisfied; the City has implemented local discharge limitations that are sufficiently protective to the POTW and its workers, its receiving stream, and sludge disposal options; the City's IPP is appropriately funded and staffed. The report submitted for calendar year 2004 will be provided to you upon request.

- WPC staff involved the public in two different projects during 2004. From April to November, water quality sampling and analysis was performed by students and staff of Chicopee High School. These sites include Bemis Pond, Riprap Brook, and points on both the Connecticut and Chicopee Rivers. On June 12, 2004, a local Cub Scout troop and their families, aided by City IPP/ CS staff, marked the storm drains in an entire section of the collection system.

If I can provide any additional information, let me know.

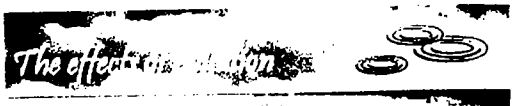
Laurie Goff

Laurie Goff
IPP Coordinator
City of Chicopee

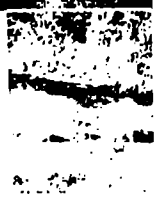
Enclosures
Pretreat/letters00/strmanrep05

Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

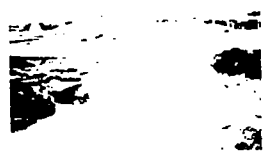


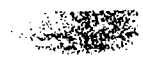
The effects of pollution

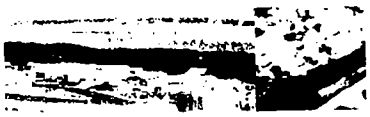


Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- Debris—plastic bags, six-pack rings, bottles and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Household hazardous waste—like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids—can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.
- Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.







Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.

- Use a commercial car wash that treats or recycles its wastewater or wash your car on your yard so the water infiltrates into the ground.
- Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Traditional concrete and asphalt don't allow water to seal into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to seal through decreasing stormwater runoff.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.

- Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects.

Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.

- Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- Don't dispose of household hazardous waste in sinks or toilets.

Pet waste

Pet waste can be a major source of bacteria and excess nutrients in local waters.

- When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.

You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.

Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

FOR MORE INFORMATION, CONTACT THE CHICOPEE WATER POLLUTION CONTROL FACILITY AT 594-3585.

Chicopee
Register
olume 6 ◆ Number 13 Chicopee's Hometown Paper ◆ December 4, 2003

Be the Solution to Stormwater Pollution

Keep yard, household and pet wastes from entering city storm drains.

For more info, call Chicopee Water Pollution Control Facility at 594-3585

Storm-water Management

The City of Chicopee has instituted a storm-water management program in order to comply with the conditions of its new storm water permit issued by the state Department of Environmental Protection and the federal Environmental Protection Agency.

Residents are asked to be diligent in protecting storm drains from yard, household and pet wastes.

Anything that enters the storm drain system ultimately ends up in local water bodies. For additional information contact the Chicopee Water Pollution Control Facility at (413)-594-3585.

Springfield Republican
12/14/2004

How are we doing? Would you please let us know?

Chicopee Water Pollution Control - WPC -

How was:

1) The quality & completeness of the on-site service?
   ☐ Poor ☐ Fair ☐ Good ☐ Excellent ☐ Outstanding

2) Your WPC Crew's knowledge & experience?
   ☐ Poor ☐ Fair ☐ Good ☐ Excellent ☐ Outstanding

Thank You

3) Do you support higher sewer/storm fees for cleaner Chicopee & Conn. Rivers?
   ☐ Yes ☐ No

4) Do you support a higher sewer/storm fee to separate storm & sewer pipes to stop sewer backups?
   ☐ Yes ☐ No

Overall, what is your impression of the services provided by WPC - Staff?
☐ Poor ☐ Fair ☐ Good ☐ Excellent ☐ Outstanding

Comments? Suggestions? (How could we improve our services to you?)

_____

_____

_____

Name (optional): _____

A Catch Basin Cleaning Crew from the City of Chicopee Visited Your Neighborhood Today _____

(Date) & (Initial)

A City of Chicopee catch basin cleaning truck was here today to keep your catch basin in good working order. Catch basins are the openings in the curb and street that allow rain water to drain from outside your home to the storm drain system underground. Catch basins are a vital part of the City's emergency network to prevent flooding.

When catch basins become clogged with trash and debris, they usually smell bad, attract rodents and flies, and during a rain storm may cause flooding in your neighborhood. A clean catch basin helps make a healthier neighborhood, and keeps us safe during the rainy season. It also means a cleaner river.

Our storm drain system moves water from your home directly to the river or a combined sewer overflow (CSO) with little or no treatment. The trash, debris and harmful chemicals that end up in the catch basin pollute our rivers.

So remember . . . **Storm Drains are for Rainwater Only!**

What Can You Do to Help?

The pollution in storm drains comes from things we do every day, which means it is an every day problem. The good news is that we can all be part of the solution. Here are eight things you can do to keep your neighborhood's catch basins and our storm drain system clean:

1. **DON'T LITTER!** Never throw waste of any kind into a catch basin or on the street. Everything winds up in the storm drains and goes straight to the river.
2. Don't over-water your lawn and garden, and be careful about using pesticides, herbicides and fertilizers.
3. **Keep these things out of the catch basin:** gas, oil and antifreeze from cars, pesticides and fertilizers from lawns and gardens; and animal wastes.
4. Sweep your driveways and sidewalks — never use a hose.
5. Pick up after your pets.
6. Wash cars on grass or gravel surfaces.
7. Report trash dumping on streets or in alleys.
8. **Remove leaves from top of catch basins.**

Call 594-3585 to Report Trash Dumping or a Clogged Catch Basin.

Keep Our City's Catch Basins Clean

Board of Sewer Commissioners

CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.
Superintendent

CY '04 DPW EDUCATION & OUTREACH

Employee Training

Workplace Violence Seminar – held for 36 Highway & Wastewater Plant personnel 1-27-04

Ergonomics – held for 34 Highway & Wastewater Plant personnel 1-29-04

Household Hazardous Waste Drop-off Day – held 5-1-04; over 200 households, 40, 55-gal. drums liquids, 500 gal. motor oil

Biweekly hazardous paint collection–held every 2 weeks April-October; 2 flexbins collected, 15% given (swapped) to residents

Waste oil collection – open to residents between September and May; 632 gallons collected over 22 separate days

Informational Pamphlets- Household Hazardous Waste Collection announced to all residents in Rubbish pickup mailer sent February '04;

Landfill Bulk Drop-Off Procedure postcard mailed to all Residents September '04

Household Hazardous Waste Drop-off information and downloadable signup form were made available to residents at the City's website: www.chicopee.ma.us

The event was also publicized in two local newspapers and the community access channel.

Residents of Chicopee!

Household Hazardous Waste Drop-off Day

Saturday, May 1st, 2004 from 9am-12pm
Registration Form

This form is for residents only. Businesses and institutions must call the Chicopee DPW at 594-3557 to obtain information about participating as a "VSQG" (Very Small Quantity Generator). Commercial waste will not be accepted after 9:00 am.

Pre-registration is a must. By doing so, you have a guarantee that your acceptable waste will be taken at your preferred time and your wait will be minimal. Arriving without pre-registration or earlier or later than your appointment time range (select below) will increase your waiting time by 30 minutes or more. **LIMIT: Up to 25 liquid gallons or 100 solid lbs. per household.**

PLEASE REMEMBER:

- This is a residential collection event. No commercial (business) material will be accepted, except by prior arrangement of definite time and fee agreement.
- A limit of 25 gallons (liquid) or 100 lbs. (solid) will be accepted per household. Those with small amounts (under 10 gallons) are strongly urged to ask other family members or neighbors if they have any materials you may deliver for them or with them. In other words, double up.
- The following can be brought to this drop-off and do not count toward this limit: car batteries, rechargeable batteries, used motor oil, and mercury-bearing items such as fluorescent light bulbs or thermometers. If possible, transport the bulbs in original boxes to minimize breakage but do not tape bulbs together.
- **Latex paint is non-hazardous and will not be accepted. Dispose of by completely drying contents of can and placing uncovered next to trash at curbside. Paint must be solid.**
- Vehicle fluids may be accepted by area service centers. Check with the business that service your vehicle to find out if it will take your extra motor oil, antifreeze, transmission fluid, etc.
- **Please stick to your appointment time! Call the DPW at 594-3566 to cancel or change it**

Please complete this form and drop off at or mail to: **Chicopee DPW HHW Collection**
115 Baskin Dr. Chicopee, MA 01020

Name_____ Day phone_____

Mailing address_____ Zip code_____

Circle your preferred appointment time: ~~9:00-9:30~~ ~~10:00-10:30~~ ~~11:00-11:30~~
~~9:30-10:00~~ ~~10:30-11:00~~ 11:30-12:00

Send this form in early to receive a confirmation letter

ug-21-96 08:11 413 594 3442 P.01

PLEASE NOTE
NEW GUIDELINES

CHICOPEE SCHOOLS COMMUNITY TELEVISION
CABLE CHANNEL 5

COMMUNITY BULLETIN BOARD FOR NON-PROFIT ORGANIZATIONS

Dear Friend:

Below is a guideline to be used when submitting messages for our Community Bulletin Board. Because of limited space available, events happening in Chicopee will be given preference over events happening in other cities or towns. All messages are limited to Non-Profit Organizations. LISTINGS MUST BE SUBMITTED AT LEAST 72 HOURS BEFORE YOU WANT THEM TO APPEAR AND WILL RUN FOR A MAXIMUM OF 1-2 WEEKS FROM START DATE. Messages are limited to 30 characters across and 8 lines down as shown. Please list your announcement EXACTLY as you want it to appear. Do not use more spaces than shown or your message will not fit! Do not break one word into two lines. Please use punctuation and remember that commas, periods, etc. each use one space. For your convenience, make additional copies of this notice for use in the future, or use a separate piece of paper and limit your space to guidelines below.

Thank you for using Chicopee Schools Community TV - Cable Channel 5.

Date Submitted MARCH 25 Start Date MARCH 29

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Mail To: Jan Benard
Chicopee Public Schools
T. V. Center
816 James St.
Chicopee, MA 01022

594-3487
594-3442 (fax)

Submitted By - Name: BARRY BROUILLARD
Address: 115 BASKIN DR.
Chicopee, MA 01020
Phone: 594-3557 594-3569 fax
Organization: CHICOPEE DPW

HOUSEHOLD HAZARDOUS WASTE

DROP-OFF DAY

SATURDAY, MAY 1ST

REGISTER NOW

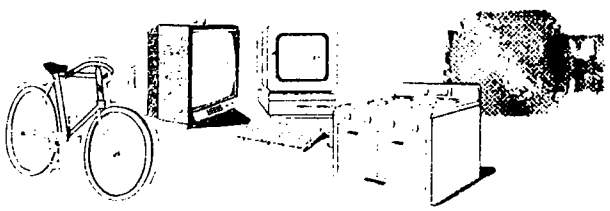
Chicopee Landfill Bulk Drop-off

Beginning December 1, 2004

For Free Drop-off, Residents Must Pre-Register: Call DPW at 594-3557

When you call you will need to give:

1. Name, address, phone of resident (who must own and accompany items)
2. List of items you plan to bring
3. Make, model, & license plate of vehicle you will utilize



What you can bring:

- Household rubbish *(limit 6 visits per year, pickup sized loads maximum)*
- Renovation *(limit 2 pickup sized loads per year)*
- Recycling *(cans, bottles, mixed paper, cardboard)*
- Scrap metal *(limit 6 visits per year, pickup sized loads maximum)*
- Appliances *(limit 2 per year)*
- Television and computer monitors *(limit 2 per year)*
- Mattresses *(limit 2 per year)*
- Propane tanks *(limit 2 per visit)*
- Tires *($1 per tire, $3 with rim)*
- Yard waste *(limit 6 visits per year)*

What you can NOT bring:

- ⊘ No items in commercial vehicles or U-Hauls
- ⊘ No items in oversized trailers *(double-axle, greater than 5' X 10')*
- ⊘ No more than 6 pickup sized load visits *(if so fee applies)*
- ⊘ No admission without pre-registering *(see above)*
- ⊘ No hazardous materials, asphalt, brick, or concrete
- ⊘ No items from other residences

City of Chicopee

Dear Chicopee Resident:

Recycling does pay! Beginning in April 2005, the City of Chicopee will receive more than $15 dollars for every ton we recycle, so it is very important to properly separate trash and recyclables. Rubbish mixed with recyclables in bins and barrels will be left behind and cause Chicopee to lose valuable recycling dollars.

NEW LANDFILL DROP-OFF RULES ARE IN EFFECT. Please call the DPW a day or so in advance before delivering appliances, rubbish, mattresses, renovation material, televisions and computers, scrap metal, tires, gas grill-size propane tanks, and recycling. A computer tracking system is in place to record all visits and to ensure that only Chicopee residents use this popular service.

Certain building renovation materials in good usable condition can be donated to the Restore, 250 Albany St., Springfield. Call ahead -- 788-6900.

Household Hazardous Drop-off Day is Saturday, May 7th, 2005. Register in April. Forms are available online at www.chicopee.ma.us and link to the DPW page.

Recycling Reminders

- ▲ Rinse all food from containers
- ▲ Set out bins by 7:00 am. Extra bins available at DPW.
- ▲ No plastic bags, pizza boxes, Motor oil boxes, Styrofoam, egg cartons, syringes, or flower pots.
- ▲ Flatten cardboard to blue bin size and discard on recycling weeks only.

Rubbish Reminders

- ▲ Use 32-gallon-size barrels and set out by 7:00 am.
- ▲ *Separate! Separate!* Place recycling and yard waste several feet apart from trash barrels.
- ▲ Do not use boxes for trash containers.

2005-2006 Chicopee Recycling Info

For all Residents with Municipal Trash Collection

Paper

Keep these materials together and separate from cans and bottles.

- **Paperbacks & phone books**– No hardcover books.
- **Junk mail**– Plastic windows are accepted.
- **Boxboard**– Cereal, shoe, cracker boxes, etc., remove plastic liners. No waxed paper.
- **Newspapers/ inserts**
- **Magazines/catalogs**
- **Brown paper bags**
- **White and colored paper**
- **Computer paper**
- **Corrugated cardboard**– Flatten to blue bin size. Remove all contents. No waxed cardboard.
- All paper and cardboard must be clean & dry.
- No soda or beer 6-pack holders, pizza boxes or egg cartons.

Containers

Rinse. Keep these materials together and separate from paper.

- **Glass bottles/jars, all colors and sizes**– Labels, lids, corks, neck rings, etc. may stay. No broken or other glass such as light bulbs, window or auto glass, dishes, glasses, Pyrex.
- **Aluminum, tin/steel cans and lids and aluminum foil** - Labels may stay on. No paint or aerosol cans or other metal items.
- **All plastic bottles, jars, tubs and plastic microwave trays/containers** – Remove caps, lids, pumps and wraps. Labels and detergent spouts may be left on. We accept: 1 2 3 4 5 6 7
- **Milk & juice cartons (tent top), drink boxes** – No flower pots or Styrofoam. Remove straws & caps, flatten. Place in bin with other containers.

Chicopee Stormwater Monitoring Program

Bemis Pond

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
4/28/2004		40.9		18			46.9						1.51	sunny
5/5/2004	6.89	33.7	9.1	17	870.4	870.4		0.06		108.7	0	0.025	1.5	
5/12/2004	7	48	7.4	20			99.6	0.17	0.5	138.7			3.11	
5/26/2004	6.82	33	7.7	61	960.6	1011.2	66.8	0.35		56.5		0.04	2.12	cloudy
6/2/2004	7.01	35	8.9	23	1011.2	1011.2	150.4	0.26	0	157	0.025	1	2.1	sun & clouds
6/9/2004	7.34	55.8	9.6	10	1011.2	63.3	98.4	0.25	0.6	397.5		0.12	1.77	sunny
7/15/2004	7.03		7.9	18	1011.2	416		0.25	1.4			0.18	1.87	cloudy, rainy
7/21/2004	6.97	45.6	7.6	18	1011.2	157.6		0.22	0	19.5	0.044	0.08	1.69	sunny
7/29/2004	7.08	49.2	7.8	17	1011.2	920	55.6	0.31	0.4	18	0.006	0.16	1.95	Sun, rained the day before
8/5/2004	6.97	16.9	8.3	22	1011.2	1011.2	29.2	0.15	0	47.5	0.013	0.1	1.24	heavy rain night before, water level high
8/12/2004	7.34	52.4	10.2	17	1011.2	1046.2	79.6	0.2	0	109	0.035	0.13	1.35	cloudy, rainy
8/19/2004	6.99	52	9	13	1011.2	139.6	85.6	0.15	0	105	0.003	0.07	1.2	sun & clouds
8/25/2004	7.33	69.2	8	15	1011.2	210.5	65.6	0.26	0	149	0.023	2.38	1.55	sunny
9/13/2004	7.38	56.8	8.6	14	1011.2	121.1		0.22	0.4	175	0.047	0	1.25	sunny
9/20/2004	7.43	40.8	10.4	11	1011.2	721.5	70	0.2	0	121	0.007	0.16	1.08	sunny

Chicopee Stormwater Monitoring Program

Bemis Pond

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
9/27/2004	7.47	74	9.1	15	1011.2	574.8	107.6	0.14	0.2	152	0.029	0.22	1.57	sunny
10/4/2004	6.98	108	9.6	17	1011.2	378.4	106	0.22	0	139	0.02	0.2	1.55	Sunny, 70 deg
10/18/2004	6.08	62	11.5	16	1011.2	829.7	97.2	0.6	0.1	142	0.001	0	0.68	Sunny 73 deg
10/25/2004	6.21	84	10.7	17	1011.2	629.4	364	0.23	0	203	0.008	0.21	1.39	Sunny, 60 deg
11/1/2004	5.92	44	9.1	9	960.6	30.8		0.05	0		0	0.26	1.36	Sunny, 60 deg

Chicopee River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
5/26/2004	7.06	16.8	8.5	11	108.1	1011.2	33.2	0.05		40		0.1	0.79	rainy/cloudy
6/2/2004	6.68	12	11.1	6	1011.2	125.4	24	0.11	0.6	11.8	0.004	0.05	0.84	Sunny
6/9/2004	7.25	15.7	11.7	2	629.4	48.8	62	0.03	0.2	33.6		0	0.8	Sunny 90 deg F.
7/15/2004	7.43		8.5	7	1011.2	222.4		0.05	1			0.15	0.56	Cloudy/rainy 66 deg F.
7/21/2004	7.29	18.8	8.9	5	1011.2	96		0.01	1.1	9.2	0.022	0.31	0.65	Sunny 75 deg F.
7/29/2004	8	18.4	9.3	4	1011.2	60.9	31.7	0.03	0.5	39	0.006	1.05	0.69	Sunny 69 deg F. Rained the day f before.
8/5/2004	7.15	17.4	8.9	6	1011.2	1011.2	29.1	0.03	0.1	41.25	0.006	0.2	0.63	Cloudy/rainy 69 deg F. Rained heavily the night before.

Chicopee Stormwater Monitoring Program

Chicopee River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
8/12/2004	7.38	19.6	8.9	4	1011.4	117.8	31.7	0.05	1.4	54.25	0.012	0.18	0.47	Cloudy/rainy 70 deg F. A dilutionn was made using 1 ml sample to 99 ml sterile water. Results: T Coli 27 [pos lg. wells, 4 pos small wells.s. E coli 2 lg. Wells, 0 sm wells.
8/19/2004	7.29	18.9	9.2	4	1011.2	33.6	38.8	0.01	0.4	46.75	0.002	0.75	0.41	Sunny/cloudy 75 deg F.
8/25/2004	7.37	17.8	10.8	3	1011.2	105	29	0.02	0.8	45.25	0.028	2.75	0.45	Sunny, 75 deg F. Second phosphorus test 0.78 mg/l.
9/13/2004	7.71	19.1	10	2	1011.4	46.4		0.04	0	78.8	0.043	0.05	0.49	Sunny, 79 deg F.
9/20/2004	7.67	11.6	9.9	0	1011.2	913.9	26.9	0.18	0.6	38	0	0	0.44	Sunny, 75 deg F.
9/27/2004	7.67	41.2	10.6	7	1011.2	40.2	58.8	0	0	45.25	0.004	0	0.55	Sunny, 75 deg F.
10/4/2004	7.5	94.4	11.9	10	1011.2	77.6	74.6	0.03	0.9	79	0.003	0.28	0.7	Sunny 70 deg
10/18/2004	7.07	56.8	16.5	4	1011.2	53.7	70.4	0.17	0		0.002	0	0.62	Sunny, 73 deg
10/25/2004	7.37	40.4	16.5	10	456.9	53.7	206	0.04	0		0.002	0.69	0.62	Sunny, 60 deg
11/1/2004	6.96	14.5	12.3	10	549.3	36.4		0.2	0		0	0.16	0.6	Sunny, 60 deg

Conn. River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
5/26/2004	7.3	25.9	9.5	17	313	1011.2	34.3	0.05		19.8		0.05	0.36	cloudy/rainy

Chicopee Stormwater Monitoring Program

Conn. River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
6/2/2004	6.69	22.2	10.8	16	1011.2	217.8	28.6	0.05	0.2	10.9	0.002	0.21	0.33	Sunny
6/9/2004	7.21	38	4.4	7	1011.2	40.8	47.2	0.07	0.4	21.2		0.13	0.32	sunny 90 deg F.
7/15/2004	7.46		8.3	2	1011.2	54.8		0.09	0.7			0.1	0.16	Cloudy 66 deg F.
7/21/2004	7.25	42.4	11.8	3	1011.2	285.1		0.06	1.1	5.5	0.039	0.89	0.25	Sunny 75 deg F.
7/29/2004	8.06	40.4	8.5	3	1011.2	167.9	47.2	0.06	1	22.9	0.006	0.08	0.08	Sunny 69 deg F. Rained the day before.
8/5/2004	6.77	27.3	8.6	9	1011.2	960.6	35.3	0.09	0.9	28.25	0.006	0.47	0.15	Cloudy/rainy 69 deg F. Rained heavily the night before.
8/12/2004	7.27	33.2	8.7	3	1011.2	298.7	36.5	0.05	0.5	44.5	0.13	0.08	0.12	Cloudy/rainy, 70 deg, F. A dilution was made using 1 ml sample to 99 ml sterile water. Results: T coli 47 pos lg. Wells and 12 pos . Wells. E. Coli 6 lg. Wells, 0 sm wells.
8/19/2004	7.26	36.5	8.7	2	1011.2	117.8	46	0.04	0.5	32.25	0.016	0.42	0.3	Sunny/cloudy, 75 deg, F.
8/25/2004	7.3	29.5	9.1	7	1011.2	574.8	43.2	0.03	0.7	36	0.005	2.42	0.15	Sunny, 75 deg F. Second phosphorus test 0.06 mg/l.
9/13/2004	7.49	27.1	9.5	4	1011.24	36.4		0.07	0	124	0.001	0.25	0.16	Sunny, 79 deg F.
9/20/2004	7.66	18.4	9.9	16	1011.2	478.6	40.4	0.06	0	30.5	0	0.13	0.4	Sunny, 75 deg F.
9/27/2004	7.66	90	9.4	3	1011.2	524.7	66	0	0.3	36.5	0.004	0	0.56	Sunny, 75 deg F.

Chicopee Stormwater Monitoring Program

Conn. River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
10/4/2004	7.49	92	9.1	10	960.6	88.6	72.4	0.02	0.4	74.5	0	0.41	0.14	Sunny, 70 deg
10/18/2004	7.01	53.2	12.3	5	1011.2	196.8	81.2	0.15	0.7		0.006	0.13	0.17	Sunny 73 deg
10/25/2004	7.33	66.8	11.8	0	574.8	52	191	0.07	0.7		0.006	0.12	0.21	Sunny, 60 deg
11/1/2004	6.78	42.4	11.4	5	755.6	34.5		0.12	1		0.003	0.23	0.18	Sunny, 60 deg

Rip Rap Brook

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
5/5/2004	7.16	45.7	9.2	17	593.8		84.6			103				sunny
5/12/2004	7.45	45.7	9.3	13			93.3	0.13	0.8	147.6			1.46	
5/26/2004	7.1	30.1	10	26	1011.2	1011.2	64.4	0.29		67		0.1	1.51	Cloudy
6/2/2004	6.84	36.7	9.6	16	1011.2	689.3	104	0.22	0.3	180	0.1	0.28		Sun & Clouds, Water has milky appearance.
6/9/2004	7.62	57.2	7.9	2	1011.2	172.3	99.6	0.18	0.8	292.5		0.2	1.3	90 deg F
7/15/2004	7.36		8	11	1011.2	70.3		0.11	0			0.15	1.06	Cloudy/windy, 66 deg. F.
7/21/2004	7.04	40.8	77	11	1011.2	121.1		0.14	0.1	17.1	0.055	0.29	1.13	Sunny, 75 deg F
7/29/2004	7.87	42	8	11	1011.2	161.6	56	0.25	1.1	17.2	0.04	0.16	1.1	Sunny, 69 deg F, Rained the day before.

Chicopee Stormwater Monitoring Program

Rip Rap Brook

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
8/5/2004	7.81	26.8	8.9	20	1011.2	1011.2	45.2	0.15	0.3	67.25	0.004	0.21	1.31	Cloudy/rainy, 69 deg F. Rained heavily the night before, brook very fast moving, water level high.
8/12/2004	7.44	45.2	8.1	11	1011.2	285.1	66.4	0.11	0.4	141	0.032	0.16	1.07	Cloudy/rainy, 70 deg F.
8/19/2004	7.07	45.2	10.6	11	1011.2	110	55.2	0.11	0	100	0.01	0.06	1.11	Sunny/cloudy, 70 deg F.
8/25/2004	7.74	43.2	9.3	9	1011.2	248.9	51.2	0.1	0.2	83.75	0.03	2.75	1.08	Sunny, 65 deg F. Second phosporus test 0.15 mg/l.
9/13/2004	7.46	44.4	8.9	6	1011.2	124.6		0.14	0.6	112	0.017	0.37	0.82	Sunny, 79 deg F.
9/20/2004	7.55	17.7	9.3	13	1011.2	960.6	42.8	0.12	0.1	32.75	0.003	0.11	0.82	Sunny, 75 deg F.
9/27/2004	7.67	61.2	9.2	16	1011.2	117.8	101.6	0.14	0.8	141	0.026	0	0.75	Sunny, 75 deg F.
10/4/2004	7.12	104.8	8.7	10	1011.2	101.4	98.9	0.4	1.6	118	0.023	0.13	1.11	Sunny, 70 deg
10/18/2004	6.35	42.8	11	15	1011.2	913.9	84.4	0.23	0	123	0	0	0.48	Sunny 73 deg
10/25/2004	7.17	58.8	10.8	13	913.9	272.3	233	0.2	1.2	189	0.01	0.24	1.05	Sunny, 60 deg
11/1/2004	6.68	42.8	11.2	11	1011.2	228.2		0.13	0.6		0.003	0.53	1.1	Sunny, 60 deg

Michael A. Pepe
Director

City of Chicopee

DEPARTMENT OF PUBLIC HEALTH
15 Court Street, Chicopee, MA 01020
594-1660 Fax 594-1673

TO: Tom Hamel, WWTP
Chief Operator

FROM: Michael Pepe
Director

DATE: April 28, 2005

2004 FAILED TITLE 5 SYSTEMS

963 Burnett Road

62 Lord Terrace

390 Shawinigan Drive

98 Julia Avenue

142 Olko Circle

225 Murphy Lane

32 Boivin Terrace

295 Carpenter Avenue

All failed systems have been corrected.

Chicopee Department of Planning & Development
Stormwater Management
Activities for 2004

- Chicopee Planning Board and Department of Public Works adopted **Chicopee City Code, Chapter 231 Stormwater Management Ordinance** in place of its outdated drainage control regulations.
- Planning Staff worked with other city departments to review all site plans and subdivision projects to ensure compliance with storm water management regulations including sediment and erosion control plans. Attached is a list of 2004 projects.

COMPLETED IN 2004		
AutoZone Former Ponderosa Site	Memorial Drive	Demolish and replace with new 6,200 SF building for national auto parts chain
Bory's Furniture	Montgomery Street	1800 SF expansion
Chicopee High School	Front Street	New High School
FED-EX Ground	Taxiway Drive Air Park West	New 63,000 SF facility with expansion planned.
First American Insurance Agency	510 Front Street Former Topor showroom	Demolish to foundation and build insurance building for First American Insurance Company
Freedom Credit Union	Memorial Drive	Rehab a former bank branch building for credit union and ATM.
Library	449 Front Street	New main library
Kathy Paul Real Estate Office	Cnr Willow and Prospect Sts.	Real Estate Office and additional office/retail space
Meadow St. Car Wash	919 Meadow St	Former Janiks Sausage Co. Car wash, self service gas and convenience store. Aprox 7,490 SF
Ninety Nine	Memorial Drive Replace Pizza Hut	Ninety Nine retail restaurant chain. 3,500-4,000 SF looking at Pizza Hut site. Demolish and rebuild.
Residential	830 Chicopee Street cnr Leslie Street	Residential Rehab 15 apartments & parking
Stan's Autobody	Carew	Expansion
Wal-Mart	545 Memorial Drive Former Fairfield Mall Bradlee site	New building 139,000 SF total of 151,000 SF with seasonal space and 70,000 SF expansion potential to replace former Bradlee building.

274 Front Street
City Hall Annex
Chicopee, MA 01013
Telephone (413) 594-1440
Fax (413) 594-1446

City of Chicopee
Building Inspection Department

Joseph C. Viamari
Building Commissioner
Gerard A. Marchand
Electrical Inspector
Michael Croteau
Plumbing Inspector

MEMO

TO: Thomas Hamel
Chief Operator

FROM: _____
Joseph C. Viamari
Building Commissioner

RECEIVED
2005 APR 21 P 1:51

RE: Storm Water Management

DATE: April 14, 2005

The following is a list of the projects reviewed for storm water management for the year 2004.

Wal Mart 545 Memorial Drive	Fed Ex 140 Lonczak Drive
99 Restaurant & Pub 555 Memorial Drive	First American Insuarnace 510 Front Street
New Beginning Church 17 Quarry Avenue	Starbucks Coffee Shop 620 Memorial Drive

Friday, April 29, 2005 02:38 PM

Drainage AreasI

from 01/01/2004 to: 12/31/2004

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
11/2/2004	VH	10	430			Drainage	Cleaned Basin		Assist w/spfld dpw
Archie Street									
10/14/2004	VH DR	4	4	0	13	Drainage	TV Inspected		
Barre Circle									
10/27/2004	VH CT EL	13	40	0	150	Drainage	TV Inspected		
Baskin Drive									
3/11/2004	JR	10	115	115	20	Drainage	Cleaned Basin	Jet Rodded	
Buckley Boulevard									
4/28/2004	BUK	10	49	0		Drainage	Other		Remove debris
Center Street									
11/3/2004	JJ Dr	4	651			Drainage	Visual Inspect		OUT FLOW CLEAR
10/19/2004	VH DR	4	651	0		Drainage	Visual Inspect	Other	
9/17/2004	JJ ELL	4	651	0		Drainage	Visual Inspect		remove debris
2/20/2004	JR BUK	10	631	0		Drainage	Other		
2/19/2004	JL BUK	13	651	0		Drainage	Visual Inspect		Needs cleanig
Coolidge Road									
9/24/2004	BUK JL J	13	24	40	280	Drainage	TV Inspected		
9/24/2004	JL JJ BU	13	24	12	200	Drainage	TV Inspected		

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
End Street									
6/7/2004	BUK ELL	6	1	0		Drainage	Cleaned Basi	Vactored	OUT FLOW CLEAR/STORM SEPERATOR
6/7/2004	BUK ELL	6	2	0		Drainage	Cleaned Basi	Vactored	OUT FLOW CLEAR/STORM SEPERATOR
6/3/2004	VH CT	4	1	0		Drainage	Other		Clear brush
Exchange Street									
7/12/2004	CT ELL	7	90	0		Drainage	Vactored		For hwy
7/1/2004	CT JJ	13	229	0	210	Drainage	TV Inspected		
Forest Street									
3/5/2004	JL	13	1	0		Drainage	Visual Inspect		WATER IS VERY SANDY LOOKING
Hamel Street									
9/11/2004	JL	14	0	0	400	Drainage	Other		SPREAD LIME 480# USED

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
Harrison Avenue									
10/13/2004	BUK ELL	7	14	0	100	Drainage	Vactored	Jet Rodded	N. CLEAN
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0	100	Drainage	Vactored	Jet Rodded	N. CLEAN
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0		Drainage	Vactored		
10/13/2004	BUK ELL	7	14	0	55	Drainage	Vactored	Jet Rodded	N. CLEAN
10/12/2004	BUK VH	7	14	0	25	Drainage	Vactored		Nclean
10/12/2004	BUK VH	7	14	0	55	Drainage	Vactored		N CLEAN
10/12/2004	BUK VH	7	14	0	55	Drainage	Vactored		N CLEAN
10/7/2004	ELL VH	6	14	0		Drainage	Vactored		
10/7/2004	ELL VH	6	14	1	138	Drainage	Jet Rodded		Blockage
10/7/2004	ELL VH	6	14	0		Drainage	Vactored		
10/7/2004	ELL VH	6	14	0		Drainage	Vactored		
10/6/2004	BUK DR	6	14	0		Drainage	Vactored		
10/6/2004	BUK DR	6	14	0		Drainage	Vactored		
10/6/2004	BUK DR	6	14	0		Drainage	Vactored		
10/6/2004	BUK DR	6	14	0		Drainage	Vactored		
Highview Avenue									
2/3/2004	ELL JJ	4	42		55	Drainage	TV Inspected		
North Chicopee Street									
11/3/2004	Dr JJ	4	107			Drainage	Visual Inspect		OUT FLOW CLEAR

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
Old Pendleton Avenue									
4/26/2004	CT ELL	13	41	0		Drainage	Dye Testing		
Pondview Drive									
9/16/2004	JL	13	126	0	96	Drainage	TV Inspected		GOOD CONDITION
9/1/2004	BUK JJ	4	126	0		Drainage	Visual Inspect		WASH OUT/PLEASE TV
Roberts Pond Lane									
9/16/2004	JL	13	10	0	174	Drainage	TV Inspected		IMPASS SHEER BRAKE OLD REPAIR
Sheridan Street									
5/28/2004	CT ELL	4	521	0		Drainage	Visual Inspect		OUT FLOW CLEAR
Westover Road									
11/30/2004	BUK ELL	7	2160	0		Drainage	Vactored	Other	DPW/ENG-CHRIS
11/30/2004	BUK ELL	7	2160	0		Drainage	Vactored	Other	DPW/ENG-CHRIS
11/30/2004	BUK ELL	7	2160	0		Drainage	Vactored	Other	DPW/ENG-CHRIS

Total Count 49 Total Distance 2126

City of Chicopee

Conservation Commission

2004
CONSERVATION COMMISSION
Environmental Quality Improvement Activities

The City of Chicopee Conservation Commission supported the following activities during 2004. Their efforts continue to focus on education of the local community and the region at large, emphasizing the importance of taking personal responsibility for affecting improvements in environmental quality.

- The Commission sent its Administrator to participate as a panel speaker at an EPA sponsored workshop on "Reducing Beach Closures in New England". The Administrator gave a presentation detailing the efforts and success of the Chicopee Department of Public Works in establishing a storm water utility to correct and finance the city's efforts to improve water quality within the Connecticut and Chicopee Rivers.

- During the spring of 2004, the Commission worked with a local landowner to remove dumped household debris from a Certified Vernal Pool, including: electronic items, tires and metal . The 100-foot periphery of the pool was then posted as a "no dumping" zone.

- The Commission served as the liaison for connecting a group of local Boy Scout troops to the Chicopee Department of Water Pollution Control. The WPC Department then worked with the Scouts on a project to mark storm drain catch basins within their neighborhoods.

- The Administrator for the Commission served as the keynote speaker at the Chicopee Middle School Junior National Honor Society Induction ceremony. The speech focused on the importance of the "leaders of tomorrow" noticing, cherishing and preserving the qualities of the environment that provide the basis for a healthy life.

The Commission looks forward to continuing its community outreach efforts with a new round of projects for 2005.

115 Baskin Drive • Chicopee, MA 01020 • (413) 594-3557 • FAX: (413) 594-3569

CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.
Superintendent

ANNUAL REPORT (2004)
CITY OF CHICOPEE
STORMWATER MANAGEMENT PROGRAM

Section 6: Good Housekeeping/Pollution Prevention

Part E: Street Sweeping

For calendar year 2004, the City of Chicopee had the following four (4) mechanical sweepers available. Since last year, the City upgraded its sweeping fleet by adding another Broom Bear sweeper.

- 1989 Mobil High dump
- 1998 Broom Bear
- 2000 Broom Bear
- 2003 Broom Bear

The lack of a harsh winter meant that sweeping operations began a bit earlier than usual, commencing in early March 2004. Street sweepers were on the road continuously from March 2004 through the middle of November 2004.

In accordance with permit requirements, every street in the City was swept at least once during 2004. Most main arteries were swept several times as sweepers moved in and out of secondary streets.

The permit calls for Central Business Districts to be swept monthly during the sweeping season. This was accomplished. To make sure that the monthly goal was met, the City set a higher internal goal of weekly sweeping of business districts per the attached schedule.

CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.
Superintendent

MEMO

TO: Fran Soucie
Operations Supervisor

FROM: Stanley W. Kulig

DATE: April 27, 2004

RE: BUSINESS DISTRICT SWEEPING SCHEDULE

Like last year, please schedule sweeping in the business districts once a week per the following schedule:

STARTING WEEK OF MAY 10, 2004

MONDAY	-	CHICOPEE FALLS
TUESDAY	-	FAIRVIEW
WEDNESDAY	-	WILLIMANSETT
THURSDAY	-	ALDENVILLE
FRIDAY	-	CHICOPEE CENTER

Thank you.

CC; Each sweeper operator

115 Baskin Drive • Chicopee, MA 01020 • (413) 594-3557 • FAX (413) 594-3569

CITY OF CHICOPEE

Office of Golf Superintendent
1290 Burnett Road
Chicopee, MA 01020
413-594-1826

RECEIVED
2005 MAR -3 P 2:20
CITY CLERK'S OFFICE
CHICOPEE

TO: Water Pollution Control

FROM: Raymond R. St. Peter, GCS

DATE: March 1, 2005

RE: Storm Water Phase II Requirements

The Chicopee Golf Course is actively on a management program of training for our employees.

1. Training of Municipal Golf Employees

   A. Training in emergency spill response and use of the response kit will be done every spring prior to use of the sprayer.
   B. Refresher training of safety equipment.
   C. Refresher training of MSDS forms and what/where chemicals are at the facility.

2. Handling of Pesticides

   A. Only trained or licensed personnel are to handle pesticides. All required safety equipment will be worn during handling and loading of spray unit.

3. Storage of Pesticides

   A. Pesticides are to be stored in a locked, vented room. The room is designed to contain any accidental spill.
   B. Building has sign on outside door and door to pesticide room.
   C. A letter will be sent to fire department to notify where in the building and what is being stored in pesticide room – along with copies of MSDS forms.

CITY OF CHICOPEE

PARKS AND RECREATION DEPARTMENT

STANLEY J. WALCZAK, C.P.R.P.
Superintendent

RICHARD G. MACIOLEK
Assistant Superintendent

RECEIVED
2005 MAR -1 P 2:23
CITY CLERK'S OFFICE
CITY OF CHICOPEE

To: Thomas Hamel , Chief Operator, Waste Water Mgt.

From: Stanley J. Walczak , Parks & Recreation Superintendent

Re: 2005 Storm Water Management Activity Report

Dear Mr. Hamel :

I am submitting to you our Storm Water Management Activity Report which documents specific areas by our department in the three subsections listed to comply with necessary requirements.

(Section 6A) Municipal Maintenance Activity Report

1. In regards to grounds maintenance of areas near storm drains, we are using a special mower which eliminates major clumping of grass.
2. We continue to use an Integrated Pest Management system (1PM) which provides effective and environmentally sensitive approaches to pest problems.
3. The Department properly cleans-up any fertilizer spills from paved areas that can pollute drain areas.
4. The Department regularly cleans parking lots and major roadways in parks and cemeteries to prevent salt and sand from stormwater areas.
5. Catch basins in parks are cleaned regularly by employees to prevent litter and other unsuitable materials from entering the storm system.
6. Paints, solvents are properly stored in vented areas and paint cans and brushes are properly disposed of when product is depleted or finished.

(Section B) Training of Employees

1. Employees are properly trained to address oil spills in the garage so as to prevent runoff to drains. Waste oil is properly stored and removed on a regular basis.
2. Employees must properly clean grass cutting machines in areas where grass does not infiltrate storm drains.
3. Employees attend the New England Regional Turfgrass Conference to learn more about the proper use of chemicals for pesticide, herbicide and insecticide applications. The employees also learn to properly calibrate fertilizer amounts on acreage so there is no excessive overuse or run off damage.
4. We also teach the proper irrigation water management control so fields are watered timely and at the appropriate time of day.
5. We also send employees to one day seminars to properly service equipment and machinery which may impact storm water situations.

(Section 6-C) Storm Water Pollution Prevention Plan

1. Development of a Best Management Practices manual which would be distributed to all employees where parks operations directly effect storm water management concerns.
2. Develop a site analysis program where specific areas are targeted for careful scrutiny of B.M.P.
3. Continue to offer training seminars to all employees to better educate them on the proper techniques of handling chemicals and pesticide use, spill prevention and clean-up and other general housekeeping practices which will eliminate site run-off problems.
4. Continue to work with other city agencies to identify and rectify problem areas that will reduce storm water concerns.

City of Chicopee
Chicopee Public Schools
180 Broadway, Chicopee, MA 01020

Ronald P. Simard, Director of Maintenance
Phone: (413) 594-3417
Fax: (413) 594-3467
Email: rsimard@chicopee.mec.edu

Richard Cunningham
Interim Superintendent
of Schools

February 8, 2005

Joe Kietner
Water Pollution Control
80 Medina Street
Chicopee, MA 01013

Dear Mr. Kietner,

Scott Chapdelaine, Assistant Director of Maintenance for the Chicopee Public Schools, has been assigned to oversee storm water pollution issues. Following are several pollution prevention measures implemented by the Maintenance Department of the Chicopee Public Schools:

- Sweep and remove sand in the parking areas at 18 buildings.
- Train 60 custodians annually on proper chemical storage and emphasize the importance of M.S.D.S. information. This is accomplished by having the custodians attend workshops during the summer months.
- Self mixing chemical stations with vacuum breakers have been installed in all of the schools.
- Two employees annually attend Certified Pool Operator training which emphasizes proper chemical storage and spill clean up procedures.
- Several approved gas storage cabinets have been installed in various garage facilities.
- Visual inspections of catch basins are done periodically at each site.
- All waste oil products are disposed of at the central maintenance garage waste oil burner.

If you have any questions please call me at 594-3417.

Sincerely,

Ronald P. Simard
Director of Maintenance

RS/ndb

City of Chicopee

CITY MESSENGER'S OFFICE

City Hall - Market Square - Chicopee, MA 01013 - Telephone (413) 594-1533

Earl R. Desrochers
City Messenger

TO: Tom Hamel
WWTP Chief Operator

FROM: Earl R. Desrochers
City Messenger

DATE: April 6, 2005

RE: STORM WATER MANAGEMENT ACTIVITY REPORT

(Section 6 A) Municipal Maintenance Activity Report

1. The department cleans up fertilizer spills away from paved areas that may enter stormwater drains.

2. The department has parking lots swept on a regular basis to prevent sand and other debris from entering stormwater areas.

3. Paints, solvents are properly stored and empty cans, brushes and roller covers are properly disposed of when the project is finished.

(Section 6 B) Training of Municipal Employees

1. Employees follow proper procedures when oil or solvent spills occur with the use of dry cleanup methods.

2. Employees are trained to clean grass cuttings from lawnmowers in an area where the clippings will not affect storm drains.

CITY OF CHICOPEE
WATER DEPARTMENT

27 Tremont Street - Chicopee, MA. 01013
Tel 413 / 594-3420 • Fax 413 / 594-3461

Christopher J. Golba
WATER SUPERINTENDENT

MEMORANDUM

TO: Tom Hamel, Chief Operator WPCP

FROM: Christopher J. Golba, Water Superintendent

DATE: February 23, 2005

SUBJECT: Storm Water Management Annual Report

Chicopee Water Department
Pollution Prevention

Listed below is the Maintenance/Prevention, and Employee Training program that the Chicopee Water Department has implemented or will implement to continue to participate in the Storm Water Phase II Requirements.

RECEIVED 2005 FEB 24 A 8: 29 CITY CLERK'S OFFICE CHICOPEE

Maintenance and Prevention – Chicopee Water Treatment Plant

a. Daily inspection of Chlorination and chemical feed apparatus
b. Scheduled maintenance on Chlorination feed lines
c. Tier II report outlining emergency and chemical inventory
d. Weekly sight inspections of facilities
e. Routine maintenance of septic system logged and dated
f. Storage of chemicals in clearly marked and approved storage containers
g. Routine inspection of fire extinguishers

Maintenance and Prevention – Water Department Office

a. Weekly sight inspection of facility
b. Storage of chemicals in clearly marked and approved storage containers
c. Vehicle washing program which prevents soap from entering city drain lines
d. Routine cleaning of catch basin and drains located on property
e. Routine inspection of fire extinguishers
f. Dechlorination of superchlorinated water used for water main disinfection

Employee Training

a. Annual review of Material Safety Data Sheets
b. Various safety seminars presented by vendors of purchased chemicals
c. Safety seminars to promote a safe work environment
d. Spill containment training for stored chemical
e. Tanker hazard decal identification training
f. CPR and Workplace first aid training

CITY OF CHICOPEE
Central Maintenance Garage

677 Meadow Street
Chicopee, MA 01013
(413) 598-8989
Fax: (413) 594-3407

David R. Theroux
Supervisor of Motor
Equipment & Repair

2004 ANNUAL REPORT

CITY OF CHICOPEE

STORMWATER MANAGEMENT PROGRAM

Part A: Municipal Maintenance Activity Program

The Chicopee Central Maintenance Garage (CMG) has begun work on this management measure by outlining programs and procedures in the areas listed below. The CMG will continue to monitor, revise, and implement these programs and activities.

Weekly site inspection of CMG central facility grounds performed and maintained on written log.

Part B: Training of Municipal Employees

The Department will provide training for CMG personnel (mandatory attendance) in conjunction with the Municipal Maintenance Activity Program. Areas of training are expected to include:

Stormwater Pollution Prevention Plan requirements

Safety compliance and good housekeeping

MSDS and Right-to-Know information

Ergonomics

Workplace violence

Part C: Stormwater Pollution Prevention Plan /MSGP

The DPW has prepared a draft Stormwater Pollution Prevention Plan (SWPPP) along with a Spill Prevention, Countermeasure, and Control Plan (SPCCP). The draft plans will be reviewed and revised during calendar year 2005 prior to implementation as part of the City's Phase II Stormwater Program Multi-Sector General Permit (MSGP). Upon implementation, the best management practices outlined in the plan will be discussed with DPW personnel in the form of one or more training seminars.

IMPLEMENTATION OF ITEMS FROM TABLE 11

1. SWPPP and SPCC training has not yet taken place until finalization of SPCC plan (submitted to Tighe & Bond in late 2004) Training will be given to all DPW personnel upon its completion.

2. Environmental Programs Coordinator conducts weekly inspections of fuel areas, waste storage, garage, grounds, and all interior areas where exit signs, emergency response postings, and fire extinguishers are located. Written log kept on file.

3. Oil/water separator is checked yearly. Last check was October 6th, 2004; EPC observed no sheen, no pumping required.

CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.
Superintendent

Thomas Hamel
Chief Operator

Mr. Joe Kietner
Project Director
Storm Water Pollution Prevention Program
Chicopee WPC
30 Medina Street
Chicopee, MA., 01013

April 29, 2005

RE: STORMWATER MANAGEMENT COMPLIANCE REPORT FOR WPC FACILITY Update

Dear Mr. Kietner:

This correspondence is intended to satisfy the requirements of the Water Pollution Control Facility's submittal for inclusion in the city-wide Storm Water Pollution Prevention Program.

Many activities which already occur at the WPC facility eliminate most potential for a spill to the storm sewer system.

During January of 2003, a Spill Prevention, Control and Countermeasures Plan, which was prepared by Tighe and Bond, the City's engineering consultant, included plant-wide training of all employees during January of 2003. The Plan detailed the location, capacity and potential spill scenarios of each oil storage container at the facility, emphasizing routine inspection, response coordination and reporting procedures. It is planned to review these procedures with WPC staff again in 2005.

The logistics of the WPC facility are already fairly protective of the storm sewer system, since a spill of most stored materials would be contained within a building. A few could be introduced to the WPC itself, but would be treated by the facility. Vehicle maintenance is not done onsite.

Chemicals used in the treatment process, such as sludge conditioners, clarifying and disinfection agents, are stored in bulk. By contract, vendors are required to provide annual training to WPC employees of handling and spill procedures. Material Safety Data Sheets (MSDA) are reviewed annual with the staff.

The WPC facility has a rack devoted to spill control materials in the garage. In the event of a leak from a vehicle or other equipment, absorbent materials such as Speedy-Dry, socks and booms are available to protect migration of the waste. Employees will be retrained annually of their use.

It has always been the WPC's practice to utilize environmentally friendly, non-hazardous products where possible. MSDS of each chemical used has been reviewed by management and substitution of potentially problematic materials has occurred. Employees review all MSDS for proper handling and spill response procedures for each product. Rechargeable batteries are used where practicable. Additionally, the WPC has started to replace the conventional fluorescent lighting with ALTO™ ultra-low mercury lamps.

The WPC does continually remove debris that has been dumped at Flood Control and Pump Stations. Signs prohibiting illegal dumping, unfortunately, these actions do not seem to provide much of a deterrent.

Spills in the laboratory would be not entering the storm water system. High or low pH materials would be neutralized, and other reagents would be flushed with water to the sanitary sewer where advised in MSDS, or absorbed and discarded. Where possible, alcohol-based thermometers have replaced mercury ones. There is a mercury spill kit on site for any breakage of the remaining thermometers. The laboratory disposes of outdated or discontinued reagents and retired rechargeable batteries through the DPW's annual hazardous waste collection day.

If you have any other suggestions or questions, please contact me at the WPC facility.

Sincerely,

Thomas Hamel
Chief Operator
City of Chicopee WPC

pretreat/letters00/WPC 04 stmrp