



# CITY OF CHICOPEE

## DEPARTMENT OF PUBLIC WORKS



Stanley W. Kulig, P.E.  
Superintendent

Thomas Hamel  
Chief Operator

May 1, 2009

Glenda Velez  
US EPA-CIP  
1 Congress Street - Suite 1100  
Boston, Ma. 02114

Re: Storm Water Management Phase II 2008 Annual Report

Dear Ms Velez:

Enclosed please find the Storm Water Management Phase II 2008 Annual Report.  
If you have any questions do not hesitate to call me.

Sincerely,

Joe Kietner  
Environmental Compliance Supervisor



# CITY OF CHICOPEE

## DEPARTMENT OF PUBLIC WORKS



May 1, 2009

Stanley W. Kulig, P.E.  
Superintendent

Thomas Hamel  
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Fred Civian  
DEP  
One Winter Street  
Boston, MA 02108

Re: Storm Water Management Phase II 2008 Annual Report

Dear Mr. Civian:

Enclosed please find the Storm Water Management Phase II 2008 Annual Report.  
If you have any questions do not hesitate to call me.

Sincerely,

Joe Kietner  
Environmental Compliance Supervisor

# DPW-Water Pollution Control Chicopee, Massachusetts



## 2008 Annual Report Phase II Storm Water Management

Submitted: May 1, 2009  
By Joe Kietner  
Env. Compliance Supervisor

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Public Participation/Education

IPP Summary, Newspaper Article, Survey, Door Hanger, Conservation Environmental Quality Improvement Activities, Hazardous Waste Collection, Chicopee High School Storm water monitoring program

Storm Water Management Ordinance enacted & previously submitted.

Planning Departmental Reviews

Conservation Commission Activities

Street Sweeping

Good Housekeeping / Training

Parks & Recreation, DPW, Water Department, Fire Department

## **Section 1 Public Education and Outreach**

### **1A Educational Displays**

The City posted an educational display in City Hall during the summer of 2008. A copy of this posting is attached. The City of Chicopee as a member of the Pioneer Valley Planning Commission's Connecticut River Stormwater Subcommittee has joined the Think blue coalition of Massachusetts. The Think Blue campaign developed a marketing campaign centered around the "Think Blue" brand. The group lists the City of Chicopee on its website which includes outreach and educational materials. A summary of the committees activities is attached to this report. The City as part of the committee also placed several Public Service Announcements on radio and television. This will be detailed in section 1C of this report.

The City's Conservation Commission co-sponsored "Greenfest" an Earth Day celebration held at the main branch of the Chicopee Library. Area residents were invited to learn about Environmental Awareness Education; Preservation of Natural Resources and Health Directed Lifestyles, 'greening' of communities and other environmentally related topics. The event was very well attended because of a highly visible billboard on the Massachusetts Turnpike donated by CBS Outdoor Advertising. A copy of the billboard graphics is included as part of the Conservation Commission's report.

As a member of the Pioneer Valley Planning Commission's Connecticut River Stormwater Committee the City has worked with the PVPC and 10 other communities to improve public outreach and education. A member of the Committee met with community groups in the 11 cities/towns. The presentations include the Chicopee Chamber of Commerce May of 2008. The presentation focused on preventing stormwater pollution and keeping the waters of the Commonwealth clean.

The City as part of the PVPC's Stormwater Committee participated in a outreach at the Big E on the weekend of September 13 and 14<sup>th</sup> of 2008. The effort included brochures, magnets, a display and a video.

The City of Chicopee has posted signs at all active CSOs in order to inform residents of the location and possibility of overflows. Signs are posted to be seen from land and the adjacent water body. Structures were installed at the Medina Street boat ramp, Chicopee River near the Davitt Bridge on Granby Rd. and the Stanley Berchulski Fisherman Access in 2007. The purpose of these structures is to inform users of water quality, such as the results of the Fecal Coliform testing, at that location. In 2008 the posting was updated weekly from early spring to early autumn Fecal Coliform tests were performed and results were posted.

## **1B Classroom Education**

The City supported Chicopee High School with some laboratory supplies and equipment and continues to encourage storm water educational topics to be included. Staff works with a Chicopee High School Chemistry class on storm water related topics and continues to assist the High School in a river-monitoring program. The Chicopee HS chemistry instructor Kathy Lukasik has worked with IPP staff to continue the river monitoring challenge in 2008.

The testing of some local water bodies was started in April 2008 and ended in June of 2008. Laurie Catarino of the Chicopee WPCF met with Ms. Lukasik and her students until they became proficient with the testing. The City of Chicopee did the sampling and delivered them to the students for analysis. Water samples from Bemis Pond, the Chicopee River, Mt. Lake, and the Connecticut River were analyzed for a number of parameters. See attached.

The City of Chicopee WPCF provided a tour for students of two local community college Biology classes. This gives students an opportunity to ask questions and to see first hand what steps are being taken to mitigate the water pollution problems the City of Chicopee faces.

## **1C Local Cable Access**

As part of the above mentioned Stormwater Committee which joined the group ThinkBlue.com, the City took part in airing a 30 and 60 second PSA spots during 2008.

The City along with the Planning Commission Stormwater subcommittee sponsored "Green Tips" on a local radio station. These tips ran Monday- Friday and a link to the Green Tips website was on the radio station's site.

The annual Hazardous Waste drop off was advertised on Chicopee local cable access channel 5. A copy of the ad is attached.

## **1D Informational Door Hangers and Mailings**

Door hangers are placed on homes in neighborhoods where catch basins were cleaned and maintenance with the City's Vactor truck was done. A mailing was sent to let city residents know of the Household Hazardous Waste Collection Day and bulk drop off procedures.

## **1E Hazardous Waste Collection Day**

The City conducted an annual household hazardous waste collection for residents Saturday May 3, 2008. Results:

1400 gallons of oil-based paint

330 gallons of waste oil

Swapped 9% useable paint back to residents

1760 gallons of miscellaneous hazardous waste

4980 linear feet of mercury-containing fluorescent light bulbs

The event was publicized in a local newspaper the local cable access channel, four public postings and the City's website.

Information and signups were available to residents at the City's website: [www.Chicopeema.gov](http://www.Chicopeema.gov) and at the DPW office.

There is an additional waste collection available to residents by appointment during the months of September – May. 554 gallons of waste oil was collected during this time period at the DPW.

Monthly paint collection held April-October yielded 170 gallons of paint. Paint that could still be used was swapped back to residents.

A copy of the details of these events is attached. Barry Broullard DPW Environmental Coordinator organized this work.

## **1F Newspaper Press Releases**

The June 23, 2008 edition of the paper *Business West* ran a story about the work of the Think Blue campaign and the work of the PVPC's stormwater committee. A copy of the article is attached.

The *Business West* 2008-2009 resource guide contained a full page lawn fertilizer PSA.

## **1G CSO Notification E-mail**

The City of Chicopee sends emails to surrounding communities so they can be informed about the possible negative effect of the CSOs during rain storms. The City has a CSO facility which is activated when flow at the treatment plant is greater than 25 MGD. During 2008 the e-mail list included Health Department representatives from Holyoke, Chicopee, Springfield and West Springfield. The program was started in mid-summer of 2006. Examples of these e-mails are attached.

## **Section 2 Public Involvement/Participation**

### **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 2008, 698 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 continued its Customer Survey Program, which involves providing a questionnaire to customers following receipt of service. Two storm water related questions are on the survey form. The survey will be conducted to measure the success of the Public Education and Public Involvement components of the Storm water Management Plan. The two Stormwater questions on the survey in 2007 were: 1) Do you support higher sewer/storm fees for cleaner Chicopee & Conn. Rivers? And 2) Do you support a higher sewer/storm fee to separate sewer pipes to stop sewer backups? There were 20 responses to these questions in 2008 with residents answering 12 yes and 8 no for higher fees for cleaner rivers. Residents responded 14-6 in favor of higher fees for sewer separation.

### **2C Storm Drain Marking**

The DPW-WPC stencils catch basins or marks them by installing placards. Messages may include such phrases as "Do Not Dump" or "No Dumping, Drains to River". The DPW-WPCF's collection system department marked approximately 333 catch basins in 2008. A photo copy of an example placard is attached.

### **2D Watershed Committee**

The DPW-WPC encourages and supports the activities of the Chicopee River Watershed Council (CRWC).

## **2E Conservation Commission**

The Commission participated in 2 days of hand pulling a substantial Water Chestnut infestation. Over 5 tons of this invasive species was disposed of by the DPW. On October, 2008 the Commission organized a watershed to source of the Connecticut River and its tributaries. Over 25 individuals gave a portion of their Saturday to assist in the clean-up.

The Conservation Commission reviewed 25 wetland filings under both the Massachusetts Wetlands Protection Act and the Chicopee Wetlands Protection Ordinance.

## **SECTION 3 ILLICIT DISCHARGE DETECTION AND ELIMINATION**

### **3A Mapping Storm Water Outfalls**

The City of Chicopee's Engineering Department has located all existing stormwater outfalls using GPS. A condition log of each location has been established to monitor and identify problem areas. This data and a copy of this map is on file with the City Engineer.

### **3B Develop Illicit Discharge Plan**

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

Illicit Discharge to the storm drain was discovered late in 2008. The connection will be repaired in 2009.

### **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. The City picks up dumping daily as it occurs to prevent the trash breeding trash phenomenon.

### **3E Recreational Septage**

The Sewer Commission currently allows Chicopee residents with Recreational Vehicles to dump their septage at the WPCF. The program is designed to deter illegal dumping and is provided at no cost to the resident. 20 recreational vehicles utilized this service in 2007.

### **3F Failing Septic Systems**

The Health Department records septic system failures that are used to identify problem areas.

### **3G Industrial / Business Connections**

The Industrial Pretreatment Program's effectiveness is evaluated as required annually each March 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 2008 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 7,000 feet at 33 different locations were TV inspected and or cleaned in 2008.

## **Section 4 Construction Site Runoff Control**

### **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 Departments reviewed 9 projects for storm water management compliance in 2008. Conservation reviewed 25 projects for storm water management and compliance with the Chicopee Wetlands Protection Ordinance. Engineering reviewed commercial, and subdivision sites along with infrastructure improvements.

## **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. The commercial sites and subdivisions referred to above were inspected for adherence to the approved plans.

## **SECTION 5 POST CONSTRUCTION STORMWATER MANAGEMENT**

### **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 are required to include a program outlining procedures for long term operation and maintenance of storm water facilities. The position of Environmental Compliance Supervisor was filled in 2007. Inspections of various stormwater facilities began in 2008.

## **SECTION 6 GOOD HOUSEKEEPING / POLLUTION PREVENTION**

### **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 and DPW, are attached.

## **6C Storm Water Pollution Prevention Plan / MSGP**

The DPW has finalized an Integrated Pollution Prevention Plan (IPPP) which includes Stormwater Pollution Prevention Plan (SWPPP) and a Spill Prevention Countermeasure and Control (SPCC). The plans were reviewed, revised and implemented during calendar year 2006 at the main DPW facility and in 2007 at the Water Pollution Control Facility. This is part of the City's Phase II Stormwater Program Multi-Sector General Permit (MSGP), and in accordance with EPA regulations 40 CFR 112. The DPW implemented the best management practices outlined in the plan and yearly refreshers will be held with DPW personnel in the form of training seminars.

## **6D Catch Basin Cleaning Program**

The City cleaned approximately 333 catch basins in 2008. Informational flyers are distributed to homes in the immediate area around the basins.

## **6E Street Sweeping**

For calendar 2008 the City had three mechanical sweepers. Street sweepers were on the road continuously from March through November 2008. 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 and Chicopee Center, were swept once per week. A copy of the street sweeping schedule is attached.

## **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.

## **6G Hazardous Waste Collection**

The City continued its annual Hazardous Waste Collection Day, in 2008 it was held May 3<sup>th</sup>. Every year, the City publicizes the collection day through newspaper ads, radio and local cable access. There is also seasonal paint collection at the DPW.

## **SECTION 7 BMPs for Meeting TMDLs**

### **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 Program includes many BMPs to address reduction of contaminants from these sources under all Six Minimum Control categories..

### **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.

PSA copy posted in public building in the City of  
Chicopee.



**THINK PICKING UP SPIKES  
POOP IS GROSS?  
TRY SWIMMING IN IT.**

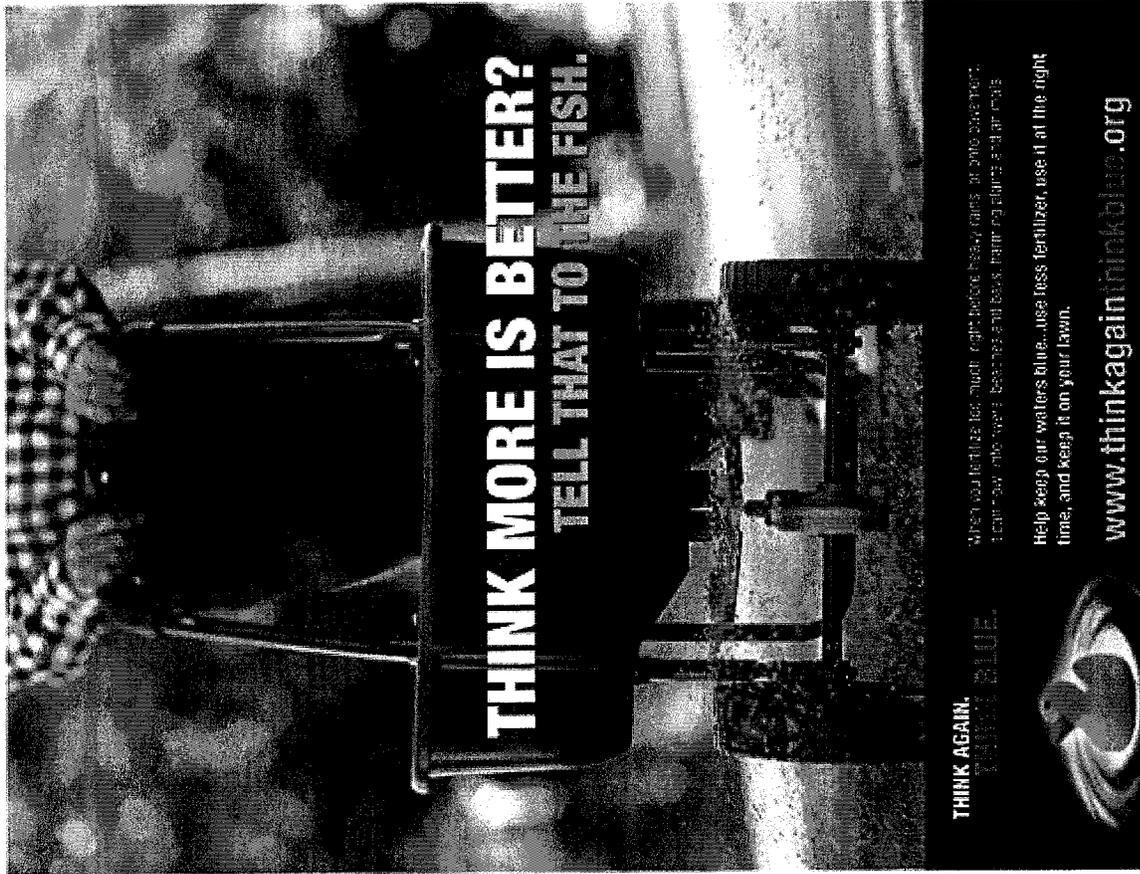
**THINK AGAIN.**  
**THINK BLUE.**

When you see dog poop on the ground...or think it has a story  
to tell...the run leader Spikes messes up about the dog and straight to our  
trash, beaches and parks make it the end of the summer trip.

Help keep our waters blue...pick up after your dog and throw  
the waste in the trash.

[www.thinkagainthinkblue.org](http://www.thinkagainthinkblue.org)

\* Copy of a PSA that was attached to the side of a City truck. The PSA was attached to both sides of a box truck. The box truck is driving throughout the City at least 5 days a week.



THINK AGAIN.

THINK BLUE.

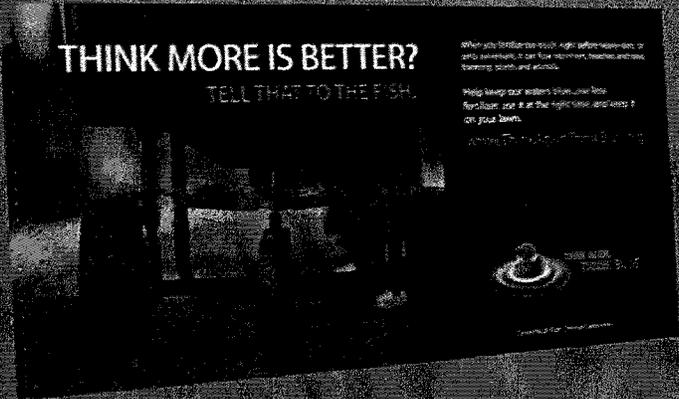
When you fertilize too much, nutrients run off into the water, harming our waterways and the fish that live in them. Help keep our waters blue...use less fertilizer, use it at the right time, and keep it on your lawn.

[www.thinkagainthinkblue.org](http://www.thinkagainthinkblue.org)

www.thinkmore.com

# THINK MORE IS BETTER?

TELL THAT TO THE FISH.



When you think more about right before you see it, or  
after you see it, you'll see it differently. Because you're  
thinking about it differently.

Help keep our waters clean. Use less soap.  
Purchase soap at the right time and keep it  
on your hands.

www.thinkmore.com



THINK MORE IS BETTER.

# NOTICE

## **THIS IS A COMBINED SEWER OUTFALL (CSO)**

**RIVER WATER MAY BECOME  
POLLUTED DURING OR AFTER  
PERIODS OF RAIN, SNOW, OR  
SNOWMELT. SWIMMING IS  
DISCOURAGED DURING AND  
AFTER THESE EVENTS. IF YOU  
SEE A DISCHARGE DURING  
DRY WEATHER PLEASE CALL  
OR IF YOU DESIRE ADDITIONAL  
INFORMATION CONTACT:**

**City of Chicopee  
Chicopee Water Pollution Control  
413-594-3585**

**Outfall # 001  
NPDES permit #MA0101508**



## END OF YEAR REPORT

2008

### CHICOPEE CONSERVATION COMMISSION

#### Wetland Permitting, Environmental Quality Improvement and Public Awareness

The City of Chicopee Conservation Commission engaged in and supported the following events during 2008. In addition to the mandated wetland permit review of site activities within the Commission's regulatory areas of jurisdiction, the Conservation office continues to focus on public environmental awareness and education within the local school systems, the community and the region at large.

The Conservation Commission again co-sponsored "Greenfest" an Earth Day celebration held at the Chicopee Public Library May, 2008. *Greenfest* has been an annual environmental festival in Chicopee for the past 5 years dedicated to: Environmental Awareness Education; Preservation of Natural Resources and Health Directed Lifestyles.

Area residents were invited to learn about turtle habitat; endangered species; re-stocking salmon to the Connecticut River; Composting; water conservation; re-use of building materials; "greening" of communities and other topics. The event was very well attended and advertised via a highly visible billboard on the Massachusetts Turnpike, donated by CBS Outdoor Advertising.

Commission staff coordinated volunteer efforts of the Silvio Conte National Wildlife Refuge staff and other volunteers in the second year of removal of an infestation of Water Chestnut (*Trapa natans*) in the Oxbow section of the Chicopee River. For over 2 days, volunteers hand-pulled via canoe a substantial amount of the invasive Water Chestnut (*Trapa natans*). Disposal of the invasive plants was provided by the Chicopee Department of Public Works. The DPW transported over 5 tons of bagged water chestnuts to the landfill.

The Commission sponsored a Chicopee area segment of the "12<sup>th</sup> annual Connecticut River Watershed Source to Sea Cleanup", a one-day community cleanup of the Connecticut River and its tributaries held on 9/27/07. This year, the Commission was able to secure a highly visible advertising billboard on the Mass Turnpike, donated by CBS Outdoor Advertising.

This year's staging area for the Chicopee cleanup was a parcel directly adjacent to the Connecticut River that allowed access via row-boat to a tributary upstream of the launch point. Over 25 hard working individuals gave a portion of their Saturday to throw on work gloves and get muddy, sweaty and wet by hauling out tires, metal, bottles, cans, plastic and other debris from the stream.

An enormous amount of metal, tires,.....was removed from the stream, inventoried and hauled to a metal salvage yard. Over 1,640 pounds or .82 Tons !! of metal was hauled out of the Connecticut River by our cleanup group. This was trucked away and sold to a metal re-cycling facility by our volunteers from the *Northampton and Granby plants of Lane Construction*. The tonnage generated \$82.00, which Lane Construction donated back to the Commission. These funds were deposited into the Commission's "River Clean-up" account.

*Lane Construction* then generously donated the proceeds back to the *River Cleanup* effort in a check for \$101.50. A special account has been opened and these funds will be used to support volunteers in future river cleanup efforts.

In addition, another 2 pick-up loads of tires and other non-metal debris disposed of by the hard working staff of the *Chicopee Department of Public Works*.

During 2008, the Commission reviewed 25 wetland filings under the Massachusetts Wetlands Protection Act and the Chicopee Wetlands Protection Ordinance (see attached report) and issued 2 Violation Notices.

# Chicopee High School Stormwater Monitoring Program

## Bemis Pond

<u>Date:</u>	<u>pH:</u>	<u>Alkalinity</u>	<u>DO:</u>	<u>Turbidity</u>	<u>IColiform:</u>	<u>E Coli:</u>	<u>Hardness:</u>	<u>Ammonia:</u>	<u>Nitrate:</u>	<u>Chloride:</u>	<u>Nitrite:</u>	<u>Phosphorus</u>	<u>Iron:</u>	<u>Weather</u>
4/3/2008	17.2	12	14	1034.4	214.2	79.6	0.6	0.6	165.6	0.016	1.06	1.1		
4/10/2008	21.6	15.1	0	237.4	10	86.8	0	0.7	158.8	0.138	29.8	0.96		
4/17/2008	21.2	13.2	30	164	12.6	80	0.04	1.8	161.2	0.002	1.9	1.27		
5/1/2008	21.5	10	5	4839.2	476.4	44		0.3	98.8	0	0.34	1.19		
5/8/2008	25.6	11.4	6	4839.2	118.2	99.6	0.1	0.1	149.2	0.014	0.5	1.46		
5/15/2008	68	11.4	7	551	37.2	91.6	0.01	0	150.8	0.01	1.28	1.18		
5/29/2008	18.5	11.5	52	4839.2	2599.4	60	0.03		111.2	0.017	0.15	1.67		
6/5/2008	19.2	12.9	17	4839.2	3972.6	70.8	0.09	0	142	0.017	0.23	1.7		cloudy, 50 degrees
6/12/2008	44	11.8	17	4839.2	357	60	0.84	0.84	117.6	0.013	1	1.32		sunny 50 degrees
6/17/2008	48.8	8.8	19			62	0.17		114.8	0.013	0.11	1.27		sunny, 45 degrees
10/2/2008				2419.6	209.8									
11/13/2008	7.10			2022.4	42.6	93.6	0	1	270	0.011	229	1.42		
11/16/2008								0.3	156	0.003	0.08	0.74		cloudy
11/20/2008	6.19	10.9		2419.6	2400	76	0	0	170	0.005	0.54	1.28		
12/4/2008	6.31	37.3	0			25	0	0.4	173	0.01	0.18	1.15		Cloudy
12/11/2008	6.59	37				108	0	0.8	198	0.005	0.1	1.02		
Min	6.19	10.9	8.8	0	164	25	0	0	98.8	0	0.08	0.74		
Max	7.10	68	15.1	52	4839.2	3972.6	108	0.6	270	0.14	229	1.7		
Avg	30.6	11.8	15.2		2753.7	870.8	74.1	0.1	###	0.0	17.8	1.2		

# Chicopee High School Stormwater Monitoring Program

## Chicopee River

<u>Date:</u>	<u>pH:</u>	<u>Alkalinity</u>	<u>DO:</u>	<u>Turbidity</u>	<u>E Coli:</u>	<u>Hardness:</u>	<u>Ammonia:</u>	<u>Nitrate:</u>	<u>Chloride:</u>	<u>Nitrite:</u>	<u>Phosphorus</u>	<u>Iron:</u>	<u>Weather</u>
4/3/2008	3.4	13	4	1960	54.4	66.8	0.52	2.2	132.4	0.006	1.39	0.45	
4/10/2008	16.8	15.7	0	520.6	19.4	45.2		0.7	51.6	0.006	2.4	0.2	
4/17/2008	2.7	16	11	419.6	24.4	26.7		3.6	89.2	0	0.5	0.25	
5/1/2008	19	13.3	8	245.4	134.2	23.4		0.9	54	0.004	0.67	0.43	SUNNY, 28 DEGREES
5/8/2008	2.1	10.8		1960.8	14.4	24.9		0.3	61.6	0.12	0.32	0.37	
5/15/2008	40.8	10.6	3	345	17.2	28		0.6	52.8	0.002	0.12	0.48	
5/29/2008	16.8	15.3	10	4839.2	66.2	50	0.05	0.08	47.6		0.2	0.86	
6/5/2008	17.9	11.4		4839.2	105.6	2.61		0.7	48.4	0.007	0.11	0.46	
6/12/2008	28	13.3	9	4839.2	202.4	24.7		2.42	46		7.7	0.74	
6/17/2008	14.6	14.4	8			25.7		0.4	63.2	0.004	2.25	0.65	
10/2/2008				2419.6	79.4								
11/13/2008	7.22			410.6	132	26	0.01	0.2	229	0.005	0.4	1.5	
11/16/2008		164					0	0.6		0	2.2	0.65	
11/20/2008	6.35	31.7		1553.1	116.9	324	0	0.8	101	0.003	0.34	0.63	sunny
12/4/2008	6.48	16.3	0			100	0	0.4	147	0.004	0.29	0.36	
12/11/2008	6.77	14.3				29.5	0	0.6	111	0	0.19	0.4	
Min	6.35	2.1	10.6	0	245.4	2.61	0	0.08	46	0	0.11	0.2	
Max	7.22	164	11	4839.2	202.4	324	0.52	3.6	229	0.12	7.7	1.5	
Avg		27.7	13.4	5.9	2029.4	80.5	57.0	1.0	88.2	0.0	1.3	0.6	

# Chicopee High School Stormwater Monitoring Program

## Conn. River

<u>Date:</u>	<u>pH:</u>	<u>Alkalinity</u>	<u>DO:</u>	<u>Turbidity</u>	<u>TColliform:</u>	<u>E.Coli:</u>	<u>Hardness:</u>	<u>Ammonia:</u>	<u>Nitrate:</u>	<u>Chloride:</u>	<u>Nitrite:</u>	<u>Phosphorus</u>	<u>Iron:</u>	<u>Weather</u>
4/3/2008	16	14.6	25	344.6	42.6	48	0.16	0.009	0.53	0.24	0.24			
4/10/2008	16	14.6	6	209.2	16.8	43.2	1.7	0.012	4	0.23				
4/17/2008	19.2	15.2	17	132.6	24.4	30.7	0	0.002	0.16	0.22				
5/1/2008	21	14.2	15	496.2	166	48	0.04	0.003	2.36	0.26				
5/8/2008	18	16.3	2	476.4	17	44.4	1.2	0.005	0.12	0.2				
5/15/2008	44	14.4		471.8	32.1	54	0.8	0.003	1.23	0.12				CLOUDY, 55 DEGREES
5/29/2008	17	12.1	6	4839.2	162.6	52	0.1	0.001	0.16	0.21				
6/5/2008	10.1	11.9	2	3106.2	77.8	48	0.6	0.009	0.36	0.19				
6/12/2008		10	3	4893.2	119.6	40.4	0.16	0.001	2.2	0.05				
6/17/2008	14	9.7	3			37.9	0.4	0.006	1.43	0.2				
10/2/2008				2419.6	156.5									
11/13/2008	6.96			1960.8	55	40	0	0.7	0.15	0.42				
11/16/2008		21.8					0	0.05	0.27	0.25				
11/20/2008	6.30	37.3		1533.1	42	38.7	0	4	0.43	0.28				
12/4/2008	6.46	36.1	0			100	0	0.5	0.32	0.2				
12/11/2008	6.77	23.6		38	0	0.2	0.004	0.11	0.3					
12/18/2008	6.35	25		28	0	2.9	0.011	0.29	0.24					
Min	6.30	10.1	9.7	0	132.6	16.8	28	0	0	31.2	0	0.11	0.05	
Max	6.96	44	16.3	25	4893.2	166	100	4	0.05	4	0.42	0.9	0.2	
Avg	22.8	13.3	7.9		1740.2	76.0	46.1	0.1	1.1	68.8	0.0	0.9	0.2	

# Chicopee High School Stormwater Monitoring Program

## Mt. Lake

<u>Date:</u>	<u>pH:</u>	<u>Alkalinity</u>	<u>DO:</u>	<u>Turbidity</u>	<u>E Coli:</u>	<u>Hardness:</u>	<u>Ammonia:</u>	<u>Nitrate:</u>	<u>Chloride:</u>	<u>Nitrite:</u>	<u>Phosphorus</u>	<u>Iron:</u>	<u>Weather</u>
4/3/2008	3.8	12.4	10	57.6	15	49.2	0.24	0.16	111.6	0.007	0.16	0.89	
4/10/2008	44	13.5	5	84	36.2	59.6	0.03	0	104.6	0.007	12.6	1.07	SUNNY, 55 DEGREES
4/17/2008	18	13.8	16	156	33.6	53.2		0.28	123.2	0.003	1.8	0.06	
5/1/2008	16	12.4	89	334	48.6	58		0.9	91.6	0.001	0.4	1.18	
5/8/2008	2.3	10.8		344.6	89.6	70		33.6	91.6	0.005	0.09	1	
5/15/2008	46	11.5		409.2	57.6	71.6	0	0.4	104.4	0.003	0.14	0.89	
5/29/2008	14.1	12.1	51	2419.6	108.1	56.4	0.02		67.2	0.003	0.01	1.07	sunny, 50 degrees
6/5/2008	13.1	13.4	3	4839.2	181.6	65.7		1.3	99.6	0.008	1.36	1.05	
6/12/2008	24.8	15.8	4	4839.2	1095.6	45.6		0.18	93.2	0.004		1.91	
6/17/2008	17.2	10.7	11			42	0.12	0.6	6.72	0.004	1.74	1.52	
10/2/2008				960.6	73.3								
11/13/2008	6.86			689.3	66.3	56	0	0.2	211	0.008	0.18	1.11	
11/16/2008		21.8					0	0.1	123	0.006	1.26	1.19	
11/20/2008	6.10	21.6		727	37.3	70	0	2.2	155	0	0.08	1.02	
12/4/2008	6.23	23.6	0			25	0	1.3	152	0	37	0.84	
12/11/2008	6.60	19.7				72	0	0.2	160	0.006	0.29	0.95	
12/18/2008	6.73	18.6				60	0	6.4	198	0.002	0.12	0.89	
Min	6.10	2.3	10.7	0	57.6	25	0	0	6.72	0	0.01	0.06	
Max	6.86	46	15.8	89	4839.2	72	0.24	33.6	211	0.00	37	1.91	
Avg	20.3	12.6	21.0	1321.7	153.6	57.0	0.0	3.2	###	0.0	3.8	1.0	

# Chicopee High School Stormwater Monitoring Program

## Rip Rap Brook

<u>Date:</u>	<u>pH:</u>	<u>Alkalinity</u>	<u>DO:</u>	<u>Turbidity</u>	<u>TColiform:</u>	<u>E Coli:</u>	<u>Hardness:</u>	<u>Ammonia:</u>	<u>Nitrate:</u>	<u>Chloride:</u>	<u>Nitrite:</u>	<u>Phosphorus</u>	<u>Iron:</u>	<u>Weather</u>
4/3/2008		12.4	5	1960.8	217.2	68.8	0.19	0.4	156.8	0.012	0.34	1.04	1.04	SUNNY, 40 DEG
4/10/2008	3.7	11.7	7	91.8	5.2	66.8	1.1	164.4	0.011	2.3	0.92			
4/17/2008	26	15.5	11	82.8	10.4	77.6	0.01	0.2	16.2	0.02	0.7	1.26	1.26	SUNNY, 45 DEGREES
5/1/2008	25.5	12	14	4839.2	626	55.6	0.5	98	0.004	0.36	1.04			
5/8/2008	18.8	9.8	16	519	24.2	86.4	0.01	2.2	153.6	0.005	0.48	1.91	1.91	RAINY, 50 DEGREES
5/15/2008	65.6	14.5	16	922.2	19.6	92.8		166.8	0.2	1.05				
5/29/2008	14.5	11.9	9	4839.2	4839.2	66	0.7	109.6	0.002	0.04	1.71			
6/5/2008	13.2	14.4	9	4839.2	212.8	76.9	0.6	1	148.8	0.025	2.53	0.97	0.97	
6/12/2008		8.6	7	4839.2	233.8	50	0.62	108	0.025	4.4	0.9			
6/17/2008	42	14	32		52	0.05	0.02	99.2	0.014	0.37	1.26			
10/2/2008				2419.6	1414									sunny
11/13/2008				960.6	65.8	100	0	0.2	253	0.003	0.45	1.5	1.5	rainy
11/16/2008	14.5				0	0	0	145	0.008	0.27	1.117			
11/20/2008	6.33	38.8		4839.2	203.8	78	0	0	205	0.006	0	1.47	1.47	
12/4/2008	6.27	38.2	6		25	0	1.1	161	0	0.1	0.86			
12/11/2008	6.49	32.6			96	0	0.2	199	0.003	0.19	1.22			Rainy
Min	6.27	3.7	8.6	5	82.8	5.2	0	0	16.2	0	0	0.86	0.86	
Max	6.49	65.6	15.5	32	4839.2	4839.2	100	0.6	2.2	253	0.03	4.4	1.91	
Avg	27.8	12.5	12.0		2596.1	656.0	70.9	0.1	0.6	####	0.0	0.8	1.2	



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November 13, 2008

Joe Kietner  
City of Chicopee  
Department of Public Works  
80 Medina St.  
Chicopee, MA 01013

Dear Joe,

Thank you for spending a portion of your day on October 30 leading tours for my Environmental Biology class. The time spent with you was interesting and educational. Environmental Biology class. The tour greatly helped our in-class discussions of water issues, and opened many eyes to the intricacies of wastewater treatment. I thank you for taking the time from your busy schedule to accommodate the class (and the great article on wastewater to drinking water).

Best wishes to you for a relaxing holiday season and a healthy 2009.

Sincerely,

Kenneth Petit,  
Biology Department  
STCC

## **STORMWATER COMMITTEE 2008 ANNUAL REPORT JANUARY 1 TO DECEMBER 31, 2008**

The following is a summary of the work of the Connecticut River Stormwater Committee during the 2008 calendar year:

### **Member Communities (11)**

Agawam, Chicopee, Easthampton, Granby, Holyoke, Longmeadow, Ludlow, South Hadley and Springfield

### **Presentations**

Agawam Chamber of Commerce – May 16, 2008 @ Chez Josef, 7:15 AM  
Chicopee Chamber of Commerce – May 21, 2008 @ Elms College, 8 AM  
Western Mass Fly Fisherman's Association Meeting – October 20, 2008, Ludlow  
NEARC Conference – October 24, 2008, Northampton

### **Local Events**

Westfield River Symposium – May 5, 2008 @ Westfield State College  
Big E – September 13 and 14, 2008, New England Building  
Easthampton Fall Festival, September 20, 2008

### **Press Coverage**

*Business West, Green Business Edition*, "Think Blue: Clean Water Outreach Initiative Follows the Current to Western Mass", June 23, 2008

*Business West* 2008-2009 Resource guide full page lawn fertilizer PSA

### **Pilot Projects**

#### Greenscapes

- Mailed 19,000 Greenscape Guides to single-family owner occupied homes in Ludlow, Easthampton and Agawam
- Organic land care workshops held in Ludlow (June 3, 2008) and Easthampton (June 11, 2008). Distributed 2 rain barrels and bag of compost as door prizes.
- Two rain barrels donated by New England Rain Barrel (used as workshop door prizes)
- Organic landcare workshop scheduled for Agawam July 21, 2008
- Setting up workshops for Easthampton, Agawam and Ludlow for September 2008
- Updated Connecticut River Watershed page of Greenscapes website
- Identified and contacted 10 NOFA certified Organic Landcare Professionals in Pioneer Valley- called Greenscape Advisors - and enlisted to participate in program. All are on website, some are giving workshops.
- Identified 1 local nursery partner – Randall's Farm and Garden Center – Get 10% discount on Greenscape listed plants and products – coupon on website
- Demonstration native plants garden being planned for Wistriahurst Museum, Holyoke. Prides Corner Nursery in CT donated \$3,000 worth of native plants to

- be divided between the three Greenscape regions (North Shore, South Shore, Connecticut River). The Master Gardeners have been working to restore the gardens at the museum and have actively been seeking funds to create a native plant garden. Design underway, installation planned for Spring 2009.
- Promoted CT-NOFA Organic Turf Workshop by mailing to all DPW/Highway Departments and Park and Recreation Departments in member communities.– November 2008.

### Truck Signs

- Sought bid specs from two companies
- Received price quote from Sign Grafx in Easthampton for trucks in Chicopee, Holyoke and Granby
- Signs installed on trucks August, 2008
- Installation on Holyoke trucks problematic. Signs flew off at high speeds on I391. Signs removed from Holyoke trucks. Signs functioning well in Chicopee and Granby.

### School Children

- Followed up on leads in South Hadley schools; no response from school contacts
- Priced watershed model
- Identified Project Wet curriculum about stormwater
- Contact with Agawam Public Library Children's Program –Friday, August 8, 2008 at 11 AM
- Priced programming by Marmalade Productions for schools – “Watershed Waltz” theater
- Met with Greater Springfield Catholic Schools July 17, 2008. Discussing piloting program with one or two classrooms in Springfield and West Springfield school.
- Meeting with interested science teacher at Agawam High School – meeting August 7, 2008 to discuss programming
- Coordinated with MassDEP about developing water module for DEP's school program called Green Team. Submitted three grant applications to seek project funding.
- Issued mini-grant announcement for public schools in member communities February 2009. Proposals due May 15, 2009.

### Spanish PSAs

Completed Spanish translation and design of three PSAs: pet waste (Spike), lawn chemicals, cigarette butts and trash. Burned PSAs on CDs and distributed to community reps for utilization of PSAs in their communities.

### **Grants**

*EPA Healthy Communities Initiative Grant – NOT FUNDED*

EPA invited full proposal for Healthy Communities Initiative Grant in support of Greenscapes called “Reducing Children's Exposure to Pesticides”. Project to be performed in Ludlow and Westfield involving: 1) training for local school districts and park and recreation departments about transitioning to organic land care programs; and,

2) development of a neighbor to neighbor toolkit and training for residential neighborhoods on same topic.

*EPA Targeted Watershed Initiative Grant for Connecticut River - FUNDED*

Includes \$21,662 grant to support work of the Stormwater Committee. Some funding directed toward this years Greenscapes program to cover cost of mailer.

*Northeast Utilities Grant - FUNDED*

\$1,000 for mailing the Greenscapes mailer.

*Lego Children's Fund Grant – NOT FUNDED*

Submitted proposal for \$5,000 to develop a water pollution and conservation curriculum modeled after DEP's Green Team program.

*EPA Environmental Education Grant – PROPOSAL UNDER REVIEW*

Submitted expanded version of Lego Fund proposal to EPA. DEP submitted letter of support to partner on project and documented need for water module.

*DEP Supplemental Environmental Program – PROPOSAL UNDER REVIEW*

Submitted white paper to DEP for school based programming about water pollution.

**General Administration**

Established every other month meeting schedule – 1<sup>st</sup> Wednesday of month

FY09 Work Plan and Budget

Comparison of draft NH MS4 General Permit with MA MS4 General Permit (2003-2008)

Burned media CDs for community reps containing the following materials: :30 and :60 radio PSA, :30 television PSA, poster PSAs (Spike, lawns, and cigarettes). Community reps tasked with getting this info on the community websites.

Mailed DVDs to cable access stations in each of the member communities with :30 and :60 second video PSA on it.

## FY09 Budget

Total Revenues	\$21,000	
PVPC Staff	\$9,836	(151 hours @ \$65/hour)
Direct Costs	\$8,346	
		- \$2,000 Think Blue Membership
		- \$1,000 Greenscapes Membership
		<hr/>
		\$5,346

Examples of potential direct costs:

Greenscapes mailer \$.55 / mailer including postage and handling

Truck Signs \$1,444 - \$1,953 for 2-48" x 96" signs, mounted to truck

Media –

*Business West* 2008-09 Resource Guide – ¼ page PSA \$605 (originally \$806- 25% nonprofit discount)

“Green Tips” on WRNX \$200/week

includes: 1) 20 recorded mentions during Green Tips feature running each daypart Monday through Friday; 2) 10 fully produced :30 second radio commercials per week; and, 3) link and logo on the Green Tips webpage.

Outdoor / Indoor Display - \$99 for banner to \$1, 2, 3,000 for tent etc.

Posters 36" x 19.5" laminated \$52.65/each

Stormy Stickers \$50 / couple hundred- materials only/ design available

Door hangars \$350/die cut / printing??

Magnets \$100/ 1000

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### Supplements

#### Think Blue

Clean-water Outreach Initiative Follows the Current to Western Mass.

By JACLYN C. STEVENSON



Anne Capra, senior planner with the PVPC, said Think Blue is an outreach program designed to help people change habits that could pollute both fresh and coastal waters.

The Clean Water Act of the 1970s did a lot for the health and safety of fresh and coastal waters in the

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**U.S., but there are still some issues that need to be addressed. One of them is storm-water drainage into rivers, lakes, ponds, and bays, and the pollution this can cause. In response to this problem, Think Blue was devised in California, and later made its way to Massachusetts. Now, Western Mass. has become the first part of the Commonwealth outside of Boston to adopt Think Blue, and that has many people thinking again.**

His name is Stormy. He's a cheeky, bright yellow duck that serves as the mascot of Think Blue Massachusetts, a burgeoning environmental campaign in the Commonwealth aimed at fostering and maintaining clean water.

Stormy is more than just a pretty face. He pens his own Think Blue newsletter called the Stormy Report, operates a Stormy Store, offers 'Stormy Tips' on the Think Blue Web site, and often visits community events to raise awareness of Think Blue's message, resplendent in all of his 15-foot, inflatable glory.

Anne Capra, senior planner with the Pioneer Valley Planning Commission and an administrator of Think Blue's local component, Connecticut River Think Blue, is a fan.

"Stormy's quite a draw," she said. "Kids love him, of course, but I think anyone who sees a giant yellow duck wants to come by and see what he's all about."

Still, Stormy is just one aspect of a much larger initiative that's making some important inroads in Western Mass. Think Blue, an environmental campaign aimed at clean water, is a brand that originated in San Diego, Calif. in the early years of this decade, as part of efforts undertaken by that city and its suburbs to battle pollution issues in their coastal water bodies. In 2006, officials from Boston caught wind of the initiative and decided to create their own



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Massachusetts-based version in conjunction with the Massachusetts Bay Estuary Assoc. (MBEA), with hopes of gradually extending the program's reach across New England.

Stormy is a part of the mission. To separate Think Blue Massachusetts from its California counterpart, MBEA charged Dwell Creative, an advertising and public relations firm in Portland, Maine that specializes in promoting environmental and cultural change, with creating a touchstone that could float easily within all types of water bodies in the northeast, including its inland rivers.

Capra said the Connecticut River Think Blue campaign, which operates as part of the Pioneer Valley Planning Commission and is focused on communities in the Connecticut River Valley (particularly in Hampshire and Hampden counties), is the first version of Think Blue Massachusetts to be launched outside of the Greater Boston area.

"All of our communities are connected to the Connecticut River in some way," she said. "We see it as a common thread that ties many different towns and cities together. It's the longest river in the U.S. east of the Mississippi, so it's important to keep it clean, but also to understand what types of things contribute to its pollution."

### **Take Me to the River**

Capra told BusinessWest that the majority of pollutants reach rivers, lakes, ponds, and coastal areas through storm-water runoff, leaving behind deposits of a variety of substances, ranging from chemical fertilizers to automotive oil to pet waste. She said the federal Clean Water Act of 1972, which set in motion a number of regulatory and remedial mechanisms to improve the nation's overall water quality, addressed many additional issues over time, but

storm-water pollution remains a problem for many communities.

"The EPA passed the Clean Water Act to better regulate discharge of pollutants in our waters," said Capra, "but the waters that are still polluted are so because of storm-water drainage. Massachusetts in particular has a big problem with this."

Think Blue has become a good fit for the environmental issues of the Commonwealth in general for this reason, but it's also well-suited for the PVPC, which added Think Blue to an existing suite of clean-water programs by joining the Massachusetts coalition in 2007.

The Connecticut River Cleanup Committee (CRCC), for instance, was founded in 1993 to address combined sewer overflows into the river.

Representatives from five local communities — Springfield, Ludlow, Holyoke, Chicopee, and South Hadley — work in tandem with the PVPC to identify funding sources for all of the municipalities, as well as to plan cooperative cleanup activities. These efforts are mandated in all five communities by the EPA, which monitors negative water impacts along the Connecticut River in addition to other rivers across the country.

Similarly, the CRCC's Stormwater Subcommittee has been in place since 2003, formed in response to the National Pollutant Discharge Elimination System's (NPDES) requirements. At this time, membership in the program, which is currently in 'Phase II' and centers on public education and outreach, was opened to cities and towns in Hampden and Hampshire counties to assist them in fulfilling federal mandates.

Capra explained that Think Blue has become a perfect

umbrella for these existing initiatives, creating an even more cooperative environment for participating cities and towns, as well as an effective marketing tool to add other communities to the fold.

"Communities need to regulate and manage storm water, and they need to implement different things, including community education and awareness programs to reduce pollutants," she said.

While not all cities and towns are bound by these regulations, there are more than 20 in Hampden and Hampshire counties that are — those that abut the Connecticut River or larger-sized 'hub' communities, such as Springfield or Northampton. "Many communities in our region were already doing things, but we wanted to pool our resources and make a more regional campaign that could have a greater impact."

To date, 11 municipalities are involved with Connecticut River Think Blue. All five of the CRCC communities have signed on, and have been joined by Easthampton, Granby, Agawam, Longmeadow, West Springfield, and Westfield.

Within these cities and towns, Connecticut River Think Blue is focused on three specific audiences with which it works to raise awareness about how daily activities affect water resources. Working with homeowners, school-aged children, and municipal offices and public officials, the campaign has a strong educational component that is meant to instruct people in how to better manage potential pollutants such as landscaping fertilizers, pet waste, and general litter — especially cigarette butts, the most littered item in the U.S., creating 176 million pounds of waste each year.

### **Blue Is the New Green**

Capra said habits such as failing to remove a pet's waste while on a walk or even washing the car in the driveway using synthetic cleaners may seem like a drop in the bucket when it comes to water pollution. But when thousands of people engage in the same activities, the problem becomes sizeable, and this, essentially, is why Think Blue exists.

"Changing behaviors is a very difficult, complicated thing to do," she said. "We had to think long and hard about what we were going to target — what groups of people, and which behaviors. We want to break things down and get the message across that people can take steps to improve their habits; it doesn't need to be hard, and it doesn't need to happen all at once. Think Blue is one way we can hold people's hands, so to speak."

Capra said that, over the past year, Connecticut River Think Blue has launched a series of programs within the 11 participating communities, often as pilot programs in just one city or town that can be replicated in other areas once they've been tested and finalized.

The first of these efforts is called 'Greenscapes,' designed to address the impact landscaping can have on surrounding bodies of water. The program is underway now in Ludlow, Agawam, and Easthampton, and is geared toward several different sectors, including single-family households and various types of businesses, such as landscapers and farms. Each municipality contributes \$2,000 each year to the initiative to fund these programs, and the PVPC also works to secure grant funding from state and federal sources.

As part of this new program in the region (it's sponsored in part by the EPA and operates in other parts of the country in various ways), 19,000 homes received the 'Greenscapes Guide' this year. It offers landscaping tips to help protect

water sources, composting tutorials, information on how to secure irrigation system audits, and how-tos for planting low-maintenance blooms and 'rain gardens,' which require little watering beyond what Mother Nature provides.

In addition, Capra said the PVPC has also entered into a partnership with NOFA, the Northeast Organic Farming Assoc., which includes 10 participating farms in the Connecticut River Valley, to host workshops looking at similar topics throughout the spring and summer.

Think Blue has also called upon the area's garden centers to participate as well, both externally as a community resource (informational kiosks are now being devised) and internally, working to make their own green houses even greener, or, in this case, a little bluer.

One such center, Randall's Farm and Greenhouse in Ludlow, has become Greenscapes' premier participant.

"We're hoping to get several garden centers involved, because it points people in the right direction when they're trying to curb pollution in their own yards," Capra said. "Once they learn what methods to use, they need to know which products to buy, and garden centers are where they're going to go."

### **Bring Back That Sunny Day**

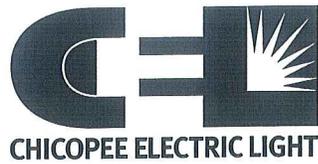
With Stormy at the helm, all of these endeavors are coupled with marketing efforts that spread the Think Blue message. Capra said the PVPC uses print, radio, television, direct mail, and point-of-sale media to get the word out, but this year, the primary thrust of Think Blue's outreach will be community- and event-based.

"We're working on getting out into the communities and talking to various groups at least once a week," Capra

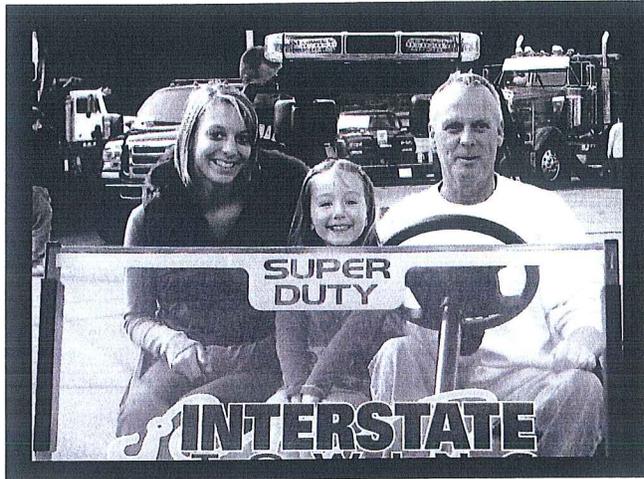
said, noting that these include chambers of commerce and libraries, where children are reached through games, books, and other activities. "We're also getting out into the community at events — we're setting up at farmer's markets across the region, and soon, we're going to be featured at the Big E."

Stormy is slated to attend the Big E along with Capra and her staff, and it's likely that he'll attract some new audiences. There's just something about a bright yellow duck that makes people stop and pay attention.

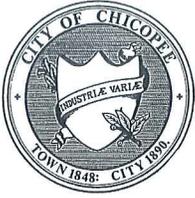
Jaclyn Stevenson can be reached at [stevenson@businesswest.com](mailto:stevenson@businesswest.com)



Chicopee Electric Lights Annual Big Truck Day was a huge success again this year! We wanted to thank the following companies, who without their support, our event would not have been possible:



- ❖ 99 Restaurant- Memorial Dr.
- ❖ Applebee's- Memorial Dr.
- ❖ Auto Truck & Equipment
- ❖ Avery Dennison
- ❖ Basketball Hall of Fame
- ❖ CEL Committee & Volunteers
- ❖ Charter Communications
- ❖ Chicopee DPW
- ❖ Chicopee Fire Department
- ❖ Chicopee Housing Authority
- ❖ Chicopee Police Department
- ❖ Chicopee Provision
- ❖ Chicopee Public Library
- ❖ Chicopee Savings Bank
- ❖ Chicopee Wastewater Treatment
- ❖ CHS Key Club
- ❖ CHS National Honor Society
- ❖ Chuck's Auto Body & Towing
- ❖ Civil Air Patrol-Auxiliary US Air Force
- ❖ Cold Stone Creamery
- ❖ Copperline Eatery
- ❖ Country Trading Post & Restaurant
- ❖ Curry Honda
- ❖ Dave Nunes
- ❖ DCR Bureau of Forest Fire Control
- ❖ Dept. of Children and Families
- ❖ Dig Safe System Inc.
- ❖ Dunkin Donuts - Memorial Dr.
- ❖ Friendly's Ice Cream
- ❖ Frito - Lay Company
- ❖ Geno's Auto Service
- ❖ Healthnet Plan
- ❖ Home Depot - Memorial Dr.
- ❖ Interstate Towing
- ❖ J. Poleps Distribution
- ❖ Janlynn
- ❖ John's Pizzeria & Restaurant
- ❖ K of C Elder Council #69
- ❖ MA 26<sup>th</sup> Brigade National Guard
- ❖ MASS 6 US Marine Corp
- ❖ McDonald's - Burnett Rd.
- ❖ Michael's Party Rentals
- ❖ Panera Bread - Memorial Dr.
- ❖ Papa Gino's- Memorial Dr.
- ❖ Porter and Chester Institute
- ❖ Ringling Bros & Barnum & Bailey
- ❖ Springfield Area Transit (PVTA)
- ❖ Springfield Falcons
- ❖ Starbucks - Memorial Dr.
- ❖ Taylor Rental
- ❖ Teddy Bear Pools & Spas
- ❖ TR Stone Trucking
- ❖ Valley Opportunity Council
- ❖ Wal-Mart- Memorial Dr.
- ❖ Waste Management
- ❖ Wegryzn Dental Group
- ❖ Westover ARB Fire Department
- ❖ Witch Enterprises



# CITY OF CHICOPEE

## DEPARTMENT OF PUBLIC WORKS

Stanley W. Kulig, P.E.  
Superintendent

### CY '08 ANNUAL REPORT DPW EDUCATION & OUTREACH TASKS

#### **Employee Training** – May 3rd, 2008

Pre-event refresher training for all DPW personnel involved with hazardous and universal waste handling during upcoming HHW Drop-Off

#### **Household Hazardous Waste Drop-Off Day** – May 3rd, 2008

Collected 330 gallons used motor oil, 70 vehicle batteries, 4980 linear feet of mercury-containing fluorescent light bulbs, 32 55-gal drums HW, including 1400 gallons oil-based paint

**Monthly hazardous paint collection** – held 4 times between April – October;  
Collections yielded 170 gallons paint; distributed 15 gal (9%) usable paint to residents

**Waste oil collection** – open to residents by appointment between September-May;  
71 gallons motor oil collected/burned as “Regulated recyclable material” at DPW

#### **Public Announcements** (copies enclosed) –

For HHW event: Televised Aldermanic meeting April 16<sup>th</sup>, 2008  
Cable Access Channel: run from April 7<sup>th</sup> to April 21<sup>st</sup>, 2008  
HHW Registration form and confirmation letter in city hall offices  
Local Newspaper: Chicopee Register April 9<sup>th</sup> edition  
Public posting: Public Library-Main Branch, City Hall entrances,  
Chicopee landfill, Chicopee DPW  
16-foot canvas poster displayed at DPW front gate  
HHW downloadable sign-up form and information sheet is made  
available to all residents on the web site [www.chicopeema.gov](http://www.chicopeema.gov)

For certain HW drop-off during the year: Posting at DPW front counter and at landfill

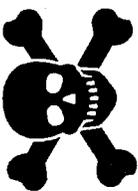
Respectfully submitted,

Barry Brouillard  
Environmental Programs Coordinator

*“COMMITTED TO PUBLIC SERVICE”*

# HAZARDOUS WASTE IN YOUR HOME?

Hazardous waste is not just an industrial problem. Many household products contain dangerous chemicals. If you throw them into the trash or put them down the drain or sewer, you may cause unnecessary environmental, health, and safety risks. Be a part of the solution by participating in:



**- City of Chicopee -**  
**Household Hazardous Products Collection**  
**Saturday, May 3, 2008 from 9am-12pm**  
 Department of Public Works, 115 Baskin Dr., Chicopee, MA

### By appointment only

Pick up a pre-registration form at the Department of Public Works and other public offices

### BRING:

- |                      |                        |                        |                          |
|----------------------|------------------------|------------------------|--------------------------|
| <b>FROM THE YARD</b> | <b>FROM THE GARAGE</b> | <b>FROM THE HOUSE</b>  | <b>FROM THE WORKSHOP</b> |
| Pesticides           | Antifreeze             | Oven Cleaners          | Rust inhibitors          |
| Insect sprays        | Brake fluid            | Furniture polish       | Wood preservatives       |
| Lighter fluid        | Engine degreaser       | Metal polish           | Wood strippers           |
| Chloroform           | Carburetor cleaner     | Moth balls             | Wood stains              |
| Rodent killers       | Creosote               | Art/Photo supplies     | Paint thinner            |
| Muriatic acid        | Oil                    | Uprolister cleaners    | Lead paint               |
| Pool chemicals       | Oil-based paint        | Rechargeable batteries | Oil-based paint          |
| Charcoal lighter     | Gasoline               | Thermometers           | Solvents                 |
| Herbicides           | Kerosene               | Spot removers          | Degreasers               |
| Root killers         | Paint thinner          | Fluorescent lights     | Sealants                 |

### DO NOT BRING:

- |                          |                      |                       |
|--------------------------|----------------------|-----------------------|
| Water reactive materials | Commercial wastes    | Empty containers      |
| Medical wastes           | Industrial wastes    | Household batteries   |
| Radioactive wastes       | Explosives           | PCBs (transformers)   |
| Latex paint              | Smoke detectors      | Latex driveway sealer |
| Asbestos                 | Furniture or Rubbish | Gas cylinders         |

Sponsored by Waste Management, Inc.,  
 the Chicopee DPW and Mayor Michael Bissonnette.

# HOMETOWN NOTES

## Open house

**HOLYOKE** - Holyoke Community College will hold an open house for prospective students tomorrow from 4:30 to 6:30 p.m. in the Kittredge Center for Business and Workforce Development. Bilingual Spanish-English staff will be available. For information, call (413) 552-2321 or send an e-mail to admissions@hcc.mass.edu

## Explorers Club

**WEST SPRINGFIELD** - The Explorers Club is celebrating its 40th anniversary with a series of events. Upcoming events include a party tomorrow, with members asked to bring slides and photos from past events; a slideshow presentation on Iceland by Don Burd on May 8; a canoe trip on the Battell River in Vermont and New York June 8 to 10; a picnic at Heritage Park in East Longmeadow on June 12; and a hike of the Crawford Path in New Hampshire on July 12

The club meets at 7:30 p.m. on the second Thursday of each month, September through May, at First Congregational Church, 20 Lathrop St. Call (413) 532-2081.

## Renewal

**CHICOPEE** - The Ladies of the St. Vincent de Paul Benevolent Society of the Basilica of St. Stanislaus Bishop and Martyr will hold their annual Evening of Renewal on April 21 at the Franciscan Missionary Sisters of Assisi Convent, 1039 Northampton St. Registrations will be accepted at 5 p.m., with Mass at 5:30 p.m. A chicken dinner will be served following the Mass. The cost of dinner is \$15 per person. Call Joyce Chretien at (413) 592-4435 for tickets.

## Square dance

**CHICOPEE** - The Quabbin Valley Twirlers Square Dance Club will sponsor a square dance on April 12 at the St.

George's Church Hall, 33 Maple St. There will be a plus workshop at 7:30 p.m. and a mainstream dance from 8 to 10:30 p.m. Featured caller is Gloria Vivier and cuer is Laura Knight. The donations is \$6 per person. Visit their Web site at [www.learnsquareanddance.com](http://www.learnsquareanddance.com) or [www.mysquare.com/quabbinvalley](http://www.mysquare.com/quabbinvalley) for information or call Gloria or Fran at (413) 467-3352.

## Travel club

**CHICOPEE** - American Bosch Senior Travel Club will meet on April 16 at 10 a.m. at the Castle of the Knights, 1599 Memorial Drive. For information, call Bob Bell at (413) 592-1542 or Victor Renaud at (413) 786-8892.

## Plant sale

The Hampden and Hampshire conservation districts are taking orders through April 15 for their annual plant sale. Choices include evergreens, ornamental trees and shrubs, perennials and edibles, with quantity discounts available, as well as blue bird houses, compost and soil testing. For a brochure, call (413) 585-1000, ext. 117, or send e-mail to [eileen.gates@ma.usda.gov](mailto:eileen.gates@ma.usda.gov)

**We Buy Junk Cars...**

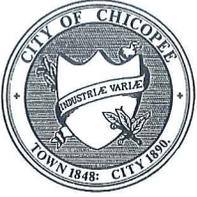
**Top Dollar Paid**



**Center Street AUTO PARTS of Chicopee, Inc.**

**Will Pick Up - 733-2778**

651 CENTER STREET  
CHICOPEE, MA 01013



# CITY OF CHICOPEE

## DEPARTMENT OF PUBLIC WORKS

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Stanley W. Kulig, P.E.  
Superintendent

### **Hazardous waste accepted during the year at DPW BY APPOINTMENT ONLY:**

- Oil-based paint, oil-based stain, and oil-based polyurethane – all must be fluid, not solid  
**Must be in original cans with readable labels, minimum quart, maximum 5 gallon size**
- Motor oil\*, clean and not mixed with water, gas, diesel, or antifreeze;  
**OIL CAN BE MIXED WITH BRAKE\*, HYDRAULIC\*, OR TRANSMISSION FLUID\* ONLY**  
**\*These fluids are not accepted in June, July, or August to meet state requirements**
- Antifreeze
- Car batteries, button batteries, and rechargeables; (household batteries can be thrown away)
- Fluorescent light bulbs, including compact fluorescents
- Thermometers & thermostats
- Elemental mercury (Hg)
- Mercury-containing items such as ballasts and high-intensity bulbs

**The above items cannot be placed in your trash – dry, empty containers can be thrown away**

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Please transport hazardous items safely-contain leaks within another container with absorbent.

DPW reserves the right to refuse items based on their nature or quantity.

The above items are accepted during months May-October **by appointment.**

Contact Barry Brouillard, DPW Environmental Coordinator at 594-3557 to leave a detailed message or email at [bbrouillard@chicopeema.gov](mailto:bbrouillard@chicopeema.gov) to schedule a drop-off appointment time.

**"COMMITTED TO PUBLIC SERVICE"**

1332 Memory TX

3442

P. 1

OK

2) Chicopee DPW

\* \* \* Communication Result Report ( Apr. 3. 2008 10:37AM ) \* \* \*

Reason for Error: Exceeded maximum line length or line feed. Max. line length is 132 characters.

Aug-21-96 00:11

NEW GUIDELINES

CHICOOPEE SCHOOLS COMMUNITY TV - CABLE CHANNEL 5. COMMUNITY BULLETIN BOARD FOR NON-PROFIT ORGANIZATIONS

Dear Friends:

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 those happening in other cities or towns. All messages are limited to Non-Profit Organizations. LISTINGS ARE 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 32 ZONES. Please list your address EXACTLY as you want it to appear. Do not use more space than shown or your message will not appear. Break one word into two lines. Please use punctuation and remember that commas, periods, etc. each take 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.

APRIL 3 APRIL 7 (FOR 2 WEEKS)

Date Submitted: APRIL 3 Start Date: APRIL 7

Grid containing text: HOUSEHOLD, HAZARD, PRODUCTS, SCHEDULE, MAY 3, TEAM, PRE-REGISTRATION, SIGN-UP, CITY, WALTHAM, ELECTRIC, MA, CHICOOPEE, MA, UIS, LINK, TO, DPW.

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

Submitted By - Name: BARRY BROWLARD, Address: 115 BASKIN BL, Chicopee, MA 01020, Phone: 594-3537, 594-3569, Organization: Chicopee DPW

594-3487, 594-3442 (fax)

# HOUSEHOLD HAZARDOUS WASTE

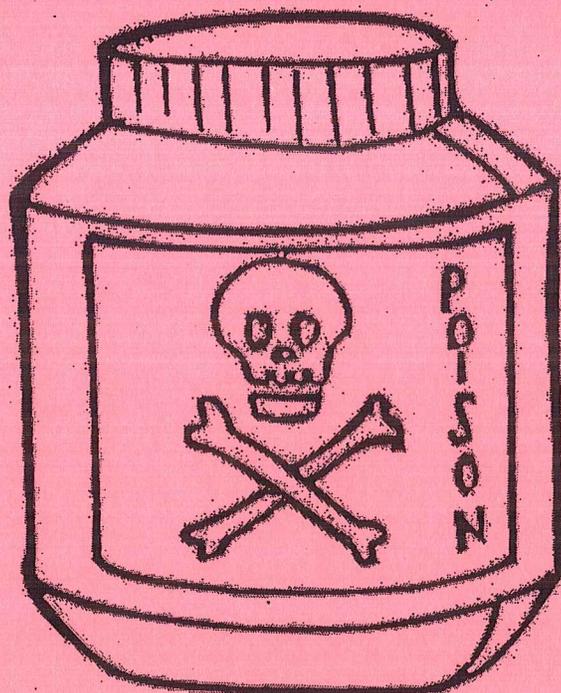
## DROP-OFF DAY

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**SATURDAY, MAY 3<sup>RD</sup>**

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**REGISTER NOW**





**Chicopee Recycles!**  
**Household Hazardous Waste Day**  
Pick Up Registration  
Form Now

41 31594-3557



TO: All Baskin Dr Employees

## **TRAINING NOTICE**

EPA mandated Integrated Contingency Plan (ICP) training for our site will be held on:

THURSDAY, MARCH 27, 2008

1 pm TILL 3 pm  
(in large meeting room)

Topics of discussion will include spill prevention and control, spill response, emergency procedures, good housekeeping among others.

**NOTE: THIS IS REQUIRED TRAINING FOR ALL  
EMPLOYEES AT THIS LOCATION**

Any employee who misses this training will be Required to make it up.

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Bassett boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
10/30/2008	0	210	
10/29/2008	381	290	
10/22/2008	200	170	
10/20/2008	0	67	
10/16/2008	0	156	
10/15/2008	200	230	
10/14/2008	0	200	
10/9/2008	0	210	
10/8/2008	1720	980	
10/6/2008	0	6100	
10/2/2008	0	3900	
10/1/2008	2000	690	
9/29/2008	0	6417	
9/25/2008	0	380	
9/24/2008	280	260	
9/22/2008	0	960	
9/18/2008	0	141	
9/17/2008	1120	160	
9/15/2008	0	13286	
9/11/2008	0	6700	

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

Posted:  
5/1/2009

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Bassett boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>9/10/2008</b>	<b>12000</b>	<b>4600</b>	
<b>9/8/2008</b>	<b>0</b>	<b>7000</b>	
<b>9/4/2008</b>	<b>0</b>	<b>680</b>	
<b>9/3/2008</b>	<b>380</b>	<b>290</b>	
<b>9/2/2008</b>	<b>0</b>	<b>230</b>	
<b>8/28/2008</b>	<b>0</b>	<b>240</b>	
<b>8/27/2008</b>	<b>550</b>	<b>410</b>	
<b>8/27/2008</b>	<b>550</b>	<b>0</b>	
<b>8/25/2008</b>	<b>0</b>	<b>440</b>	
<b>8/21/2008</b>	<b>0</b>	<b>2800</b>	
<b>8/20/2008</b>	<b>1640</b>	<b>600</b>	
<b>8/18/2008</b>	<b>0</b>	<b>2920</b>	
<b>8/14/2008</b>	<b>0</b>	<b>1373</b>	
<b>8/13/2008</b>	<b>1300</b>	<b>0</b>	
<b>8/13/2008</b>	<b>0</b>	<b>1260</b>	
<b>8/11/2008</b>	<b>0</b>	<b>920</b>	
<b>8/7/2008</b>	<b>0</b>	<b>256</b>	
<b>8/6/2008</b>	<b>28000</b>	<b>5900</b>	
<b>8/4/2008</b>	<b>0</b>	<b>1400</b>	
<b>7/30/2008</b>	<b>11200</b>	<b>170</b>	

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Posted:

5/1/2009

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Bassett boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
7/29/2008	0	4200	
7/28/2008	0	4733	
7/24/2008	0	7467	
7/23/2008	4800	1420	
7/21/2008	0	6533	
7/17/2008	0	670	
7/16/2008	267	70	
7/14/2008	0	387	
7/9/2008	490	0	
7/2/2008	260	230	
6/25/2008	1400	610	
6/18/2008	5600	540	
6/11/2008	> 6000	1540	
6/4/2008	660	400	
5/30/2008	0	220	
5/28/2008	880	700	
5/21/2008	760	20	
5/14/2008	42	80	
5/7/2008	36	30	
4/30/2008	430	400	

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Posted:

5/1/2009

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

## **Bassett boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>4/23/2008</b>	<b>12</b>	<b>60</b>	
<b>4/16/2008</b>	<b>&lt;</b>	<b>20</b>	<b>10</b>
<b>4/9/2008</b>	<b>30</b>	<b>20</b>	
<b>4/2/2008</b>	<b>0</b>	<b>50</b>	

Posted:

5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Granby Rd Fishing Area**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>10/30/2008</b>	<b>0</b>	<b>58</b>	
<b>10/29/2008</b>	<b>217</b>	<b>160</b>	
<b>10/22/2008</b>	<b>34</b>	<b>40</b>	
<b>10/20/2008</b>	<b>0</b>	<b>38</b>	
<b>10/16/2008</b>	<b>0</b>	<b>28</b>	
<b>10/15/2008</b>	<b>52</b>	<b>80</b>	
<b>10/14/2008</b>	<b>0</b>	<b>60</b>	
<b>10/9/2008</b>	<b>0</b>	<b>44</b>	
<b>10/8/2008</b>	<b>42</b>	<b>10</b>	
<b>10/6/2008</b>	<b>0</b>	<b>41</b>	
<b>10/2/2008</b>	<b>0</b>	<b>100</b>	
<b>10/1/2008</b>	<b>104</b>	<b>60</b>	
<b>9/29/2008</b>	<b>0</b>	<b>620</b>	
<b>9/25/2008</b>	<b>0</b>	<b>35</b>	
<b>9/24/2008</b>	<b>41</b>	<b>70</b>	
<b>9/22/2008</b>	<b>0</b>	<b>60</b>	
<b>9/18/2008</b>	<b>0</b>	<b>60</b>	
<b>9/17/2008</b>	<b>112</b>	<b>100</b>	
<b>9/15/2008</b>	<b>0</b>	<b>157</b>	
<b>9/11/2008</b>	<b>0</b>	<b>112</b>	

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Posted:

5/1/2009

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Granby Rd Fishing Area**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>9/10/2008</b>	<b>413</b>	<b>190</b>	
<b>9/8/2008</b>	<b>0</b>	<b>3467</b>	
<b>9/4/2008</b>	<b>0</b>	<b>75</b>	
<b>9/3/2008</b>	<b>107</b>	<b>200</b>	
<b>9/2/2008</b>	<b>0</b>	<b>83</b>	
<b>8/28/2008</b>	<b>0</b>	<b>83</b>	
<b>8/27/2008</b>	<b>80</b>	<b>50</b>	
<b>8/27/2008</b>	<b>80</b>	<b>0</b>	
<b>8/25/2008</b>	<b>0</b>	<b>66</b>	
<b>8/21/2008</b>	<b>0</b>	<b>54</b>	
<b>8/20/2008</b>	<b>92</b>	<b>600</b>	
<b>8/18/2008</b>	<b>0</b>	<b>62</b>	
<b>8/14/2008</b>	<b>0</b>	<b>73</b>	
<b>8/13/2008</b>	<b>93</b>	<b>0</b>	
<b>8/13/2008</b>	<b>0</b>	<b>140</b>	
<b>8/11/2008</b>	<b>0</b>	<b>150</b>	
<b>8/7/2008</b>	<b>0</b>	<b>260</b>	
<b>8/6/2008</b>	<b>1333</b>	<b>970</b>	
<b>8/4/2008</b>	<b>0</b>	<b>97</b>	
<b>7/30/2008</b>	<b>139</b>	<b>60</b>	

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

Posted:

5/1/2009

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

### Granby Rd Fishing Area

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
7/29/2008	0	220	
7/28/2008	0	250	
7/24/2008	0	1200	
7/23/2008	5733	280	
7/21/2008	0	707	
7/17/2008	0	118	
7/16/2008	112	80	
7/14/2008	0	61	
7/9/2008	140	0	
7/2/2008	200	160	
6/25/2008	713	370	
6/23/2008	0	152	
6/18/2008	270	40	
6/11/2008	2300	170	
6/9/2008	0	126	
6/4/2008	940	1080	
6/2/2008	0	58	
5/30/2008	0	47	
5/28/2008	170	170	
5/21/2008	97	80	

Posted:

5/1/2009

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# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

## Granby Rd Fishing Area

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
5/14/2008	18	30	
5/7/2008	6	40	
4/30/2008	407	380	
4/23/2008	12	50	
4/16/2008	12	20	
4/9/2008	18	20	
4/2/2008	30	70	

Posted:

5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

### Medina St. boat ramp

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
10/30/2008	0	172	
10/29/2008	540	510	
10/22/2008	38	30	
10/20/2008	0	84	
10/16/2008	0	84	
10/15/2008	58	90	
10/14/2008		108	
10/9/2008	0	85	
10/8/2008	37	80	
10/6/2008	0	42	
10/2/2008	0	75	
10/1/2008	87	70	
9/29/2008	0	800	
9/25/2008	0	42	
9/24/2008	40	60	
9/22/2008	0	50	
9/18/2008	0	74	
9/17/2008	120	90	
9/15/2008	0	340	
9/11/2008	0	81	

Posted:

5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

## Medina St. boat ramp

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
9/10/2008	625	210	
9/8/2008	0	2040	
9/4/2008	0	68	
9/3/2008	88	50	
9/2/2008	0	44	
8/28/2008	0	21	
8/27/2008	62	60	
8/27/2008	62	0	
8/25/2008	0	29	
8/21/2008	0	440	
8/20/2008	54	50	
8/18/2008	0	38	
8/14/2008	0	45	
8/13/2008	162	0	
8/13/2008	0	130	
8/11/2008	0	93	
8/7/2008	0	88	
8/6/2008	7600	1050	
8/4/2008	0	79	
7/30/2008	103	60	

Posted:  
5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Medina St. boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>7/29/2008</b>	<b>0</b>	<b>680</b>	
<b>7/28/2008</b>	<b>0</b>	<b>370</b>	
<b>7/24/2008</b>	<b>0</b>	<b>4933</b>	
<b>7/23/2008</b>	<b>11200</b>	<b>2480</b>	
<b>7/21/2008</b>	<b>0</b>	<b>660</b>	
<b>7/17/2008</b>	<b>0</b>	<b>62</b>	
<b>7/16/2008</b>	<b>273</b>	<b>330</b>	
<b>7/14/2008</b>	<b>0</b>	<b>730</b>	
<b>7/9/2008</b>	<b>168</b>	<b>0</b>	
<b>7/2/2008</b>	<b>370</b>	<b>160</b>	
<b>6/25/2008</b>	<b>367</b>	<b>280</b>	
<b>6/23/2008</b>	<b>0</b>	<b>1320</b>	
<b>6/18/2008</b>	<b>340</b>	<b>540</b>	
<b>6/11/2008</b>	<b>350</b>	<b>170</b>	
<b>6/9/2008</b>	<b>0</b>	<b>93</b>	
<b>6/4/2008</b>	<b>67</b>	<b>150</b>	
<b>6/2/2008</b>	<b>0</b>	<b>80</b>	
<b>5/30/2008</b>	<b>0</b>	<b>68</b>	
<b>5/28/2008</b>	<b>340</b>	<b>370</b>	
<b>5/21/2008</b>	<b>24</b>	<b>20</b>	

Posted:  
5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.

## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

### **Medina St. boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>5/14/2008</b>	<b>0</b>	<b>20</b>	
<b>5/7/2008</b>	<b>6</b>	<b>30</b>	
<b>4/30/2008</b>	<b>330</b>	<b>170</b>	
<b>4/23/2008</b>	<b>24</b>	<b>30</b>	
<b>4/16/2008</b>	<b>&lt;</b>	<b>20</b>	<b>10</b>
<b>4/9/2008</b>	<b>18</b>	<b>40</b>	
<b>4/2/2008</b>	<b>30</b>	<b>40</b>	

Posted:

5/1/2009

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# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Mt.Lake**

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<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>5/7/2008</b>	<b>60</b>	<b>40</b>	
<b>4/30/2008</b>	<b>30</b>	<b>100</b>	
<b>4/23/2008</b>	<b>18</b>	<b>30</b>	
<b>4/16/2008</b>	<b>12</b>	<b>10</b>	
<b>4/9/2008</b>	<b>18</b>	<b>50</b>	
<b>4/2/2008</b>	<b>12</b>		

Posted:

5/1/2009

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# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **QC sample**

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
10/30/2008	0		144
10/29/2008	0	<	10
10/22/2008	0		80
10/20/2008	0		52
10/16/2008	0	<	1
10/15/2008	0		20
10/14/2008	0		103
10/9/2008	0		52
10/8/2008	0		1540
10/6/2008	0	<	1
10/2/2008	0		63
10/1/2008	0		80
9/29/2008	0		520
9/25/2008	0		414
9/24/2008	0	<	10
9/22/2008	0		81
9/18/2008	0		79
9/17/2008	0		100
9/15/2008	0		14571
9/11/2008	0	<	1

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Posted:  
5/1/2009

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **QC sample**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>9/10/2008</b>	<b>0</b>	<b>70</b>	
<b>9/8/2008</b>	<b>0</b>	<b>1680</b>	
<b>9/4/2008</b>	<b>0</b>	<b>100</b>	
<b>9/3/2008</b>	<b>0</b>	<b>160</b>	
<b>9/2/2008</b>	<b>0</b>	<b>&lt; 1</b>	
<b>8/28/2008</b>	<b>0</b>	<b>40</b>	
<b>8/27/2008</b>	<b>0</b>	<b>30</b>	
<b>8/25/2008</b>	<b>0</b>	<b>64</b>	
<b>8/21/2008</b>	<b>0</b>	<b>2086</b>	
<b>8/20/2008</b>	<b>0</b>	<b>&lt; 10</b>	
<b>8/18/2008</b>	<b>0</b>	<b>40</b>	
<b>8/14/2008</b>	<b>0</b>	<b>28</b>	
<b>8/13/2008</b>	<b>0</b>	<b>60</b>	
<b>8/11/2008</b>	<b>0</b>	<b>525</b>	
<b>8/7/2008</b>	<b>0</b>	<b>&lt; 1</b>	

Posted:  
5/1/2009

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# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Stanley Berchulski boat ramp**

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
10/30/2008	0	140	
10/29/2008	593	450	
10/22/2008	> 600	1640	
10/20/2008	0	40	
10/16/2008	0	106	
10/15/2008	22	20	
10/14/2008	0	137	
10/9/2008	0	60	
10/8/2008	31	20	
10/6/2008	0	52	
10/2/2008	0	100	
10/1/2008	43	20	
9/29/2008	0	1280	
9/25/2008	0	38	
9/24/2008	42	30	
9/22/2008	0	77	
9/18/2008	0	95	
9/17/2008	172	120	
9/15/2008	0	1040	
9/11/2008	0	50	

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Posted:

5/1/2009

# Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location: **Stanley Berchulski boat ramp**

Date Sampled	Fecal Coliform	Ecoli:	# colonies / 100 mls
9/10/2008	573	170	
9/8/2008	0	1571	
9/4/2008	0	15	
9/3/2008	39	10	
9/2/2008	0	22	
8/28/2008	0	64	
8/27/2008	80	120	
8/27/2008	80	0	
8/25/2008	0	62	
8/21/2008	0	25	
8/20/2008	123	150	
8/18/2008	0	92	
8/14/2008	0	18	
8/13/2008	0	90	
8/13/2008	122	0	
8/11/2008	0	100	
8/7/2008	0	171	
8/6/2008	5200	790	
8/4/2008	0	127	
7/30/2008	460	> 4000	

Posted:  
5/1/2009

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## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

### **Stanley Berchulski boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>7/29/2008</b>	<b>0</b>	<b>210</b>	
<b>7/28/2008</b>	<b>0</b>	<b>310</b>	
<b>7/24/2008</b>	<b>0</b>	<b>2500</b>	
<b>7/23/2008</b>	<b>933</b>	<b>350</b>	
<b>7/21/2008</b>	<b>0</b>	<b>176</b>	
<b>7/17/2008</b>	<b>0</b>	<b>130</b>	
<b>7/16/2008</b>	<b>102</b>	<b>100</b>	
<b>7/14/2008</b>	<b>0</b>	<b>600</b>	
<b>7/9/2008</b>	<b>&gt; 600</b>	<b>0</b>	
<b>7/2/2008</b>	<b>4400</b>	<b>2720</b>	
<b>6/25/2008</b>	<b>10600</b>	<b>2060</b>	
<b>6/23/2008</b>	<b>0</b>	<b>4400</b>	
<b>6/18/2008</b>	<b>7000</b>	<b>430</b>	
<b>6/11/2008</b>	<b>4000</b>	<b>3200</b>	
<b>6/9/2008</b>	<b>0</b>	<b>&gt; 1600</b>	
<b>6/4/2008</b>	<b>&gt; 1200</b>	<b>500</b>	
<b>6/2/2008</b>	<b>0</b>	<b>273</b>	
<b>5/30/2008</b>	<b>0</b>	<b>152</b>	
<b>5/28/2008</b>	<b>370</b>	<b>290</b>	
<b>5/21/2008</b>	<b>12</b>	<b>620</b>	

Posted:

5/1/2009

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## Public Notification of Possible Combined Sewer Overflow

In accordance with Section 1.D.3.d of the City of Chicopee's NPDES permit, the following analysis of this public access point has been performed:

Location:

### **Stanley Berchulski boat ramp**

<b>Date Sampled</b>	<b>Fecal Coliform</b>	<b>Ecoli:</b>	<b># colonies / 100 mls</b>
<b>5/14/2008</b>	<b>42</b>	<b>30</b>	
<b>5/7/2008</b>	<b>12</b>	<b>20</b>	
<b>4/30/2008</b>	<b>280</b>	<b>340</b>	
<b>4/23/2008</b>	<b>6</b>	<b>20</b>	
<b>4/16/2008</b>	<b>&lt; 20</b>	<b>70</b>	
<b>4/9/2008</b>	<b>12</b>	<b>20</b>	
<b>4/2/2008</b>	<b>12</b>	<b>30</b>	

Posted:

5/1/2009

These waters have been designated under 314 CMR as a Class B waterway, a habitat for fish, other aquatic life, wildlife, and for primary and secondary contact recreation. The Class B seasonal standard is that Fecal Coliform Bacteria shall not exceed a geometric mean of 200 organisms per 100 ml in any representative set of samples nor shall more than 10% of the samples exceed 400 organisms per 100 mls.



**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**



*It is our mission to enhance our environment, to preserve natural resources and to protect the public health of our community.*

In order to provide better and reliable service:

This street is scheduled to have the sewer main pipeline cleaned by City of Chicopee crews on \_\_\_\_\_ between the hours of \_\_\_\_\_.

This work is done to reduce sewer back-ups, street flooding, and foul odors. A high-pressure sewer "vactor" truck is used to clean the pipe. This cleaning process usually is performed without any inconvenience to the resident.

While very rarely there is a problem, occasionally a resident may experience:

- Water back up into homes that have sinks and drains in the basement.
- Water in the toilets may make 'gurgling' sounds.
- Water in the drains of sinks and toilets may drain.
- Water level in toilets may rise.

Recommendations:

- Close shut-off valve (if you have one) when the truck is in front of your residence or if no one is home that day.
- Close lid to your toilets.
- Put old towel over toilet lid.
- After the truck leaves or when someone comes home, run water for about thirty seconds in all sinks and flush toilets once to refill water traps.

**This is only a precautionary measure. It is very rare that these problems occur.** If you have any questions or concerns do not hesitate to call 594-3585.

Sincerely,  
Board of Sewer Commissioners

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

*Chicopee Water Pollution Control - WPC -*

*W#  
5888  
C.T.D.*

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
- 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

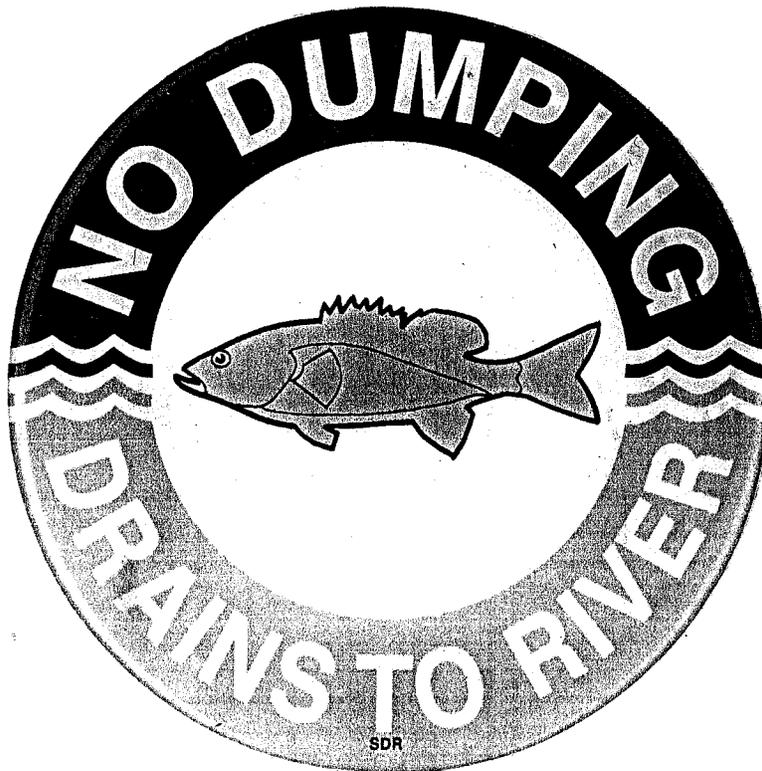
**Thank You**

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):





# CITY OF CHICOPEE

## DEPARTMENT OF PUBLIC WORKS



Stanley W. Kulig, P.E.  
Superintendent

Thomas Hamel  
Chief Operator

TO: JOE KIETNER, ENVIRONMENTAL COORDINATOR  
FROM: LAURIE GOFF, PRETREATMENT COORDINATOR

DATE: APRIL 13, 2009

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.

IPP staff completed the following tasks during 2008:

- The Industrial Pretreatment Program's effectiveness is evaluated as required annually each March 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 2008 will be provided to you upon request.
- WPC staff involved the public in two different projects during 2008. From April to December, water quality sampling and analysis was performed by students of Chicopee High School. These sites include Bemis Pond, Riprap Brook, Mountain Lake and points on both the Connecticut and Chicopee Rivers.

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

Laurie Goff  
IPP Coordinator  
City of Chicopee

Enclosures  
Pretreat/letters00/strmanrep08

### Water Pollution Control

# Drainage Areas

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
<u>Beauchamp Terrace</u>									
8/8/2008	CT	10	37	0	0	Drainage	Visual Inspect		
<u>Bemis Avenue</u>									
12/16/2008	ELL DD	4	1	0	0	Drainage	Visual Inspect	Vactor drain to street	
<u>Buckley Boulevard</u>									
9/29/2008	ELL	10	1	0	0	Drainage	Other	Clam truck	
9/8/2008	ELL DD	13	2	0	0	Drainage	Visual Inspect	Sticks front of outflow	
3/26/2008	VH JZ	10	1	0	0	Drainage	Cleaned Basin		
<u>Carew Street</u>									
3/10/2008	ELL VH	7	176	0	3	Drainage	Jet Rodded	Root Cut	For Dpw to check
3/5/2008	ELL VH E	7	154	179	324	Drainage	Jet Rodded	Root Cut	To be tv'ed 2x324
<u>Center Street</u>									
10/7/2008	CT ELL V	13	651	0	0	Drainage	Other		Remove debris
9/8/2008	ELL DD	13	674	0	0	Drainage	Visual Inspect		Small debris
3/26/2008	VH JZ	10	0	0	0	Drainage	Cleaned Basin		
<u>Chicopee Street</u>									
8/7/2008	ELL DD	4	1	0	0	Drainage	Cleaned Basin		Cleared covers underpass
<u>Church Street</u>									
3/17/2008	VH DD	7	110	0	50	Drainage	Jet Rodded		Assist in drainage blockage

Date Operator Vehicle# Start# Stop # Distance Site |----- Operation Description -----| Comments

FC BERTHA AVE.

10/31/2008	ELL VH C	6	12	11	20	Drainage	Jet Rodded	Vactored	20x5 vactored vault
10/31/2008	ELL CO	7	14	13	268	Drainage	Jet Rodded		
10/31/2008	VH MT	6	13	12	25	Drainage	Jet Rodded	Vactored	25x4
10/25/2008	CT BL	7	14	13	120	Drainage	Jet Rodded	Vactored	Clean
10/25/2008	VH CO	6	11	12	127	Drainage	Jet Rodded	Vactored	
10/25/2008	VH CO	6	12	13	40	Drainage	Jet Rodded	Vactored	CLEAN
10/18/2008	CT BL	7	14	15	193	Drainage	Jet Rodded	Vactored	
10/18/2008	CT BL	7	14	13	120	Drainage	Jet Rodded	Vactored	
10/11/2008	CT CO BL	7	14	15	190	Drainage	Jet Rodded	Vactored	X6
10/11/2008	CT CO BL	7	14	13	120	Drainage	Jet Rodded	Vactored	X4
10/11/2008	CT CO BL	7	12	13	40	Drainage	Jet Rodded	Vactored	X 5
10/9/2008	CT CO	7	10	10	55	Drainage	Jet Rodded	Vactored	
10/9/2008	CT CO	7	10	11	165	Drainage	Jet Rodded	Vactored	
10/9/2008	CT CO	7	0	0	0	Drainage	Jet Rodded	Vactored	
10/9/2008	CT CO	7	11	12	130	Drainage	Jet Rodded	Vactored	

Front Street

4/15/2008	VH	10	0	0	0	Drainage	Other		Assist highway with kabota
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Glendale Street

7/7/2008	VH DD	6	246	144	242	Drainage	Jet Rodded		OUT FLOW CLEAR
7/7/2008	ELL	13	124	0	3.08	Drainage	TV Inspected		Broken pipe

Globemaster Street

10/1/2008	VH DD	7	1	30	280	Drainage	Jet Rodded	Vactored	5x20 6x50 3x100 3x200 3x280
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Haynes Circle

8/4/2008	CT ELL	13	33	0	0	Drainage	Other		Hwy rain into parking lot
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Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
<u>Holyoke Avenue</u>									
9/3/2008	DD VH	6	155	177	65	Drainage	Jet Rodded	Vactored	2x65 J/R VAC
9/3/2008	DD VH	6	177	179	70	Drainage	Jet Rodded	Vactored	2x70 J/R VAC
8/8/2008	CT DD	13	178	0	0	Drainage	Dye Testing		H/c tied to drain
<u>Mathieu Drive</u>									
8/1/2008	ELL	13	34	0	0	Drainage	Other		Street flooding spoke to residents
<u>Meeting House Road</u>									
10/29/2008	VH ELL	7	166	167	35	Drainage	Jet Rodded		OUT FLOW CLEAR
<u>Montcalm Street</u>									
10/20/2008	DD VH	7	312	316	220	Drainage	Jet Rodded	Vactored	2x25 4x50 4x100 1x125 2x150 1x220 J/R VAC
<u>Montgomery Street</u>									
7/24/2008	ELL VH	13	1	0	0	Drainage	Other		Reset manhole cover
4/5/2008	CT DM	13	648	1	70.5	Drainage	TV Inspected		
<u>Mountainview Street</u>									
11/14/2008	CT ELL	7	23	0	0	Drainage	Other		Flush with water for T&B
<u>Nonotuck Avenue</u>									
2/4/2008	VH JZ	7	243	0	0	Drainage	Vactored		Concrete and grit build up roots
<u>Olivine Street</u>									
8/19/2008	VH	10	1	0	0	Drainage	Cleaned Basin		Assorted wood chunks
<u>Orange Street</u>									
9/8/2008	ELL DD	13	1	0	0	Drainage	Visual Inspect		OUT FLOW CLEAR
<u>Pinecrest Drive</u>									
10/20/2008	CT ELL	4	14	0	0	Drainage	Visual Inspect		Pvt property

Date	Operator	Vehicle#	Start#	Stop #	Distance	Site	Operation	Description	Comments
<u>Robinridge Road</u>									
8/6/2008	CT ELL	13	58	0	0	Drainage	Dye Testing		
<u>Ruth Avenue</u>									
9/9/2008	VH DD	6	11	0	30	Drainage	Jet Rodded		1x30 J/R OUT FLOW CLEAR
<u>Springfield Street</u>									
4/11/2008	CT ELL	13	250	0	0	Drainage	Visual Inspect		O.K.
<u>Sunflower Avenue</u>									
3/5/2008	VH ELL	7	52	0	0	Drainage	Visual Inspect		No overflow
3/5/2008	VH ELL	7	14	0	0	Drainage	Visual Inspect		OUT FLOW CLEAR
<u>Wildermere Street</u>									
8/5/2008	VH	10	169	0	0	Drainage	Cleaned Basin		removed rocks from manhole
8/4/2008	VH DD	6	169	0	0	Drainage	Vactored		Heavy debris
8/4/2008	VH DD	6	124	0	238	Drainage	Jet Rodded	Root Cut	1x238/r 1x90r/c
8/1/2008	ELL	13	162	0	0	Drainage	Other		Drain charged

total count 54

**City of Chicopee, Massachusetts  
 Department of Planning & Development  
 Development Projects Reviewed for  
 Stormwater Management Compliance in 2008**

**In addition to the larger projects listed below the Planning and Conservation Department reviewed 15 building permit applications for single and two-family residences. Zoning regulations require stormwater management for all new construction.**

<b>Russell Street Extension</b>	Russell Street on City of Springfield border	16 lot preliminary subdivision plan
<b>AM Lithography</b>	694 Center Street	14,000 SF addition and new parking area definitive plan
<b>Chicopee Crossing</b>	Memorial Drive /Route 33	Shopping center and hotel definitive plan
<b>Grandview Estates</b>	Granby Road	48 Unit condominium definitive plan
<b>Conway Freight</b>	106 New Ludlow Road	Addition – definitive plan
<b>CVS</b>	Center Street	13,000 SF pharmacy – definitive plan
<b>Bank</b>	447 Montgomery Street	3,000 SF bank definitive plan
<b>Lorraine's Soup Kitchen</b>	Meadow Street	2,300 SF charitable organization definitive plan
<b>Holyoke Catholic Parking Lot</b>	33 South Street	Parking lot



# CITY OF CHICOPEE

## PARKS AND RECREATION DEPARTMENT



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

RICHARD G. MACIOLEK  
Assistant Superintendent

April 7, 2009

To: Joe Kietner, Environmental Compliance Supervisor  
From: Stanley J. Walczak, Parks and Recreation Superintendent  
Re: 2009 Storm Water Management Activity Report

Dear Mr. Kietner:

Listed below is our Storm Water Management Activity Report which documents specific areas by our department in three separate sections listed to comply with necessary requirements.

A. Municipal Maintenance Activity Report

1. We continue to use a zero radius mower which eliminates clumping of grass near storm drains.
2. We continue with our Integrated Pest Management (IPM) system which provides effective and environmentally sensitive approaches to pest problems.
3. The Department carefully uses fertilizer from paved areas to prevent drain pollutions.
4. Catch basins in parks are cleaned regularly to prevent litter accumulation from entering the storm system.
5. D.P.W. Sweeper helps clean roadways in parks and cemeteries to prevent sand and salt buildup from stormwater areas.
6. Paint cans and brushes are properly disposed of when product is depleted or empty.
7. The Department continues to purchase recycled plastic items such as park benches, picnic tables and playground benches. This year, we will be adding new play equipment at Rivers and Lincoln Grove Park with recycled plastic materials.

B. Training of Employees

1. Waste oil is properly stored and removed on a regular basis. Oil spills are properly addressed by department employees.
2. Mowers are cleaned in areas where clippings do not infiltrate storm drains.
3. Our landscape craftsman attended a turf management seminar in Farmington, Connecticut on February 17, 2009 about the proper use of chemicals for pesticide, herbicide and insecticide applications.

4. The grounds maintenance craftsman meets monthly with a turf company representative to review the turf application process.
5. We anticipate modernizing our irrigation system to an automatic one which will conserve water and avoid overuse.

C. Storm Water Pollution Plan

1. Employees are trained to use a best management practice where park operations directly effect storm water concerns.
2. Continue to offer training seminars to all employees to emphasize proper handling of chemicals, oils, spill prevention and clean-up as well as other general housekeeping practices to avoid site run off problems.
3. Work with other city agencies to identify and rectify problem areas that will reduce storm water concerns.

**CITY OF CHICOPEE  
WATER DEPARTMENT**

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

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**Alan Starzyk**  
WATER SUPERINTENDENT

**MEMORANDUM**

**TO:** Tom Hamel, Chief Operator WPCP

**FROM:** Alan Starzyk

**DATE:** April 9,2009

**SUBJECT:** Storm Water Management Annual Report

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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.

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

**ANNUAL REPORT (2008)**  
**CITY OF CHICOPEE**  
**STORMWATER MANAGEMENT PROGRAM**

**Section 6: Good Housekeeping/Pollution Prevention**

**Part A: Municipal Maintenance Activity Program**

The Chicopee Department of Public Works (DPW) has implemented this management measure by outlining programs and procedures in the areas listed below. The DPW will continue to monitor, review, revise, and implement these programs and activities.

- Weekly site inspection of DPW central facility grounds performed by the Environmental Programs Coordinator and maintained on written log.
- Site Familiarization Walk last performed on (Sep 14, 2007) by Clean Harbors Environmental Services, Inc. as part of Emergency Response Agreement which continued to be in place during 2008.
- Periodic resident collections of motor oil, oil-based paint, universal waste
- Tier II Report outlining emergency and chemical inventory
- Vehicle washing program which prevents runoff from entering the storm drain system

**Part B: Training of Municipal Employees**

The Department has provided training for DPW personnel (mandatory attendance) in conjunction with the Municipal Maintenance Activity Program. Areas of training have included:

- Stormwater Pollution Prevention Plan requirement
- Safety compliance and good housekeeping
- Emergency response and spill prevention
- Tanker hazard decal identification
- Hazmat Awareness training
- MSDS and Right-to-Know information
- CPR and Workplace First Aid
- Ergonomics
- Workplace Violence
- Security awareness
- Fire extinguisher training
- Work Zone safety
- Frontline supervisor Development

## **Part C: Stormwater Pollution Prevention Plan /MSGP**

The DPW has finalized an Integrated Pollution Prevention Plan (IPPP) which includes Stormwater Pollution Prevention Plan (SWPPP) and a Spill Prevention Countermeasure and Control (SPCC). The plans were reviewed, revised and implemented during calendar year 2006 as part of the City's Phase II Stormwater Program Multi-Sector General Permit (MSGP), and in accordance with EPA regulations 40 CFR 112. DPW implemented the best management practices outlined in the plan and yearly refreshers will be held with DPW personnel in the form of training seminars. SPCC compliance and good housekeeping training was held in-house on March 27, 2008.

## **IMPLEMENTATION OF ITEMS FROM TABLE 11**

1. An Integrated Prevention Plan (SWPPP and SPCC) was finalized and is currently on file at the DPW.
2. Environmental Programs Coordinator conducts weekly inspections of fuel areas, waste storage, garage and vehicle wash areas, exterior grounds, and all interior areas where exit signs, emergency response telephone number postings, and fire extinguishers are located. Written log kept on file.
3. Oil/water separator is inspected yearly. Pumping was last required and completed on June 12, 2007. Based on inspections, pumping of the oil/water separator was not required in 2008.
4. Quarterly Stormwater outfall visual inspections will be performed during the months of March, June, September, and December and catch basins and drainage areas will be monitored regularly. Catch basin cleaning is done as needed by DPW/Collection Systems crews.



# **CITY OF CHICOPEE**

## **CENTRAL MAINTENANCE**

### **2008 ANNUAL REPORT**

#### **STORMWATER MANAGEMENT PROGRAM**

##### **Part A: MUNICIPAL MAINTENANCE ACTIVITY PROGRAM**

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

Weekly site inspection of Central Maintenance Garage facility grounds performed.

##### **Part B: TRAINING OF MUNICIPAL EMPLOYEES**

The Department will provide training for Central Maintenance Garage 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



# Chicopee Fire Department



TO: Joe Kuetner FAX# \_\_\_\_\_

FROM: Deputy Chief McNamee DATE: 4/9/09

# OF PAGES: 3

RE: \_\_\_\_\_

# F A X



80 Church Street ~ Chicopee, MA 01020

Phone: 413-594-1630 ~ Fax: 413-594-1645 ~ Web site: [www.chicopeema.gov](http://www.chicopeema.gov)

CHICOPEE FIRE DEPARTMENT

STANDARD OPERATING PROCEDURE 00038  
PAGE 1 OF 1**Storm Water Pollution Prevention****Date: April 3, 2006**

**Purpose:** To adopt practices to prevent and eliminate water pollution from fire department operations. The goal of the Storm Water Management guideline is to improve water quality and address water quality problems by implementation of performance standards for water run-off management.

**General:** The Environmental Protection Agency has mandated a Storm Water Management Program for the City of Chicopee. All city departments must comply with this mandate. The program is designed to eliminate water pollution due to water run-off. By eliminating the discharge of contaminated water into the storm water system water pollution can be greatly reduced. Several easily followed steps can be performed to reduce this pollution.

**BEST MANAGEMENT PRACTICES:**

Hard surface areas such as apparatus floors shall be swept prior to washing. All debris will be placed in the trash. This will insure no hazardous materials or chemicals are washed down drains. All floor drains shall be cleaned after washing floors. A spill cleanup bucket with speedy dry shall be placed in each station to be used for the absorbent of liquid spills.

Landscape areas will be maintained as required to reduce introduction of leaves and other landscape waste into the storm water system.

Driveways and sidewalks shall be swept May 1, August 1, and October 1 or as necessary to eliminate sand and salt from entering the water system.

A plan detailing water flow destination for each station floor drain shall be developed and submitted by the Water department.

Vehicles are to be cleaned where runoff will be directed to the sewer system as apposed to the storm water system.

New Fire Station as well as the Grattan Street Rehab shall have oil water separator installed.

ANNUAL REPORT (2008)  
CITY OF CHICOPEE  
STORMWATER MANAGEMENT PROGRAM

Section 6: Good Housekeeping/Pollution Prevention

Part E: STREET SWEEPING

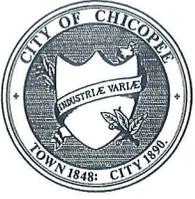
For calendar year 2008, the City of Chicopee had the following three (3) mechanical sweepers available.

- 1998 Broom Bear
- 2000 Broom Bear
- 2003 Broom Bear

The winter of 2007-2008 allowed sweeping operations to begin on schedule, commencing in March 2008. Street sweepers were on the road continuously from March 2008 through the end of November 2008.

In accordance with permit requirements, every street in the City was swept at least once during 2008. 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 14, 2008

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 5, 2008

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

Thank you.

CC; Each sweeper operator

*"COMMITTED TO PUBLIC SERVICE"*