

**CITY OF CHICOPEE
MASSACHUSETTS
2017
ANNUAL REPORT**



**Phase II
Storm Water Management Summary**

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Activities of the Connecticut River Stormwater Committee
for the 2017 Annual Report

Section 1 Public Education and Outreach

1A Educational Displays

Water Pollution Control posted several educational displays and video links on the City's website during 2017. The City of Chicopee is also a member of the Pioneer Valley Planning Commission's Connecticut River Stormwater Subcommittee. A summary of the committee's activities is attached to this report. The City as part of the committee has produced radio advertisements and made public outreaches to advocate for stormwater pollution prevention.

The City of Chicopee has public service announcements on three of its vehicles. One of the vehicles is a CSO work truck with a PSA about stormwater pollution and cigarette butts. The second and third vehicles are the City's vacuum trucks. The vacuum trucks both have a PSA about stormwater pollution and the importance of picking up pet waste.

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 2016 the posting was updated weekly from early spring to early autumn. Fecal Coliform tests were performed and results were posted by volunteers with PVPC.

New in 2017 were signs created to remind pet owners about the importance of picking up pet waste, whether in parks, neighborhoods, or in wooded areas. 10 signs were made and posted in areas best suited for the message.

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. Water Pollution Control Staff work with a Chicopee High School Chemistry class on storm water related topics.

The testing of some local water bodies was started in the autumn of 2013 and continues throughout the school year. Laurie Catarino of the Chicopee WPCF met with a Chicopee High School teacher 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 the Chicopee River, Willimansett Brook, and the Connecticut River were analyzed for a number of parameters.

The City of Chicopee WPCF provided tours of the Treatment Works for many in the Community. This gives students, residents, and engineers 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.

Chicopee WPCF also participates in a program called World Is Our Classroom which gives every 5th grade student in the City (public and private schools) a chance to tour the treatment facility and participate in educational tasks and challenges designed to teach them about waste and storm water. Tours are given by WPCF and WIOC staff members 3-4 times per week for 10 weeks per year.

1C Local Cable Access

The annual Hazardous Waste drop off was advertised on Chicopee local cable access.

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 Vector truck was done. A mailing was sent to let city residents know the 2017 trash pick-up schedule and bulk drop off procedures. The procedures are also posted to the City's website.

1E Hazardous Waste Collection Day

The City conducted an annual household hazardous waste collection for residents in October 2017 and April 2018.

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 , at City Hall, Chicopee Electric Light, the Chicopee Landfill, and at the DPW office.

There is also an agreement in place for residents to bring their hazardous waste to other communities if they cannot attend the scheduled date in Chicopee. Agreements are with South Hadley, Northampton, Agawam, Wilbraham, Amherst, and West Springfield, MA.

1F Newspaper Press Releases

The City of Chicopee advertised its Hazardous Waste Collection Day in a local newspaper.

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 2016 the e-mail list included Health Department representatives from Holyoke, Chicopee, Springfield and West Springfield. The program was started in mid-summer of 2006.

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 2017, 327 catch basins were cleaned and two to four hangers are distributed per basin. The phone number for the City's WPCF is included to facilitate reporting of dumping, illicit discharges, and spill emergencies.

2B Storm Drain Marking

The DPW-WPC marks catch basins 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 538 catch basins in 2017. Additionally, every catch basin in a contracted construction area received a cleaning and a marker. These numbered 244 in the last year.

2C Watershed Committee

The DPW-WPC encourages and supports the activities of the Connecticut River Conservancy and the Chicopee 4Rivers Watershed Council.

2D Conservation Commission

The Conservation Commission reviews building permit applications under both the Massachusetts Wetlands Protection Act and the Chicopee Wetlands Protection Ordinance. Zoning regulations require stormwater management for all new construction. A report of the Conservation Commission's activities is attached.

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. A plan to monitor outfall condition is being developed, and two new mobile tablets have been purchased by WPC to monitor outfalls.

3B Develop Illicit Discharge Plan

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

Illicit discharges to the storm drain were corrected as they were discovered in 2017. In 2017 as part of expanded illicit discharge detection plan, the DPW-WPC continued to inspect & sample outfalls. Outfalls were photographed and examined for signs of sewage contamination. If flowing, the outfall was tested using field kits to find possible contamination. The flow was sampled for surfactants, Chlorine, ammonia, temperature and E. coli. Any signs of contamination required further testing up stream to find the source. The illicit discharge detection program in 2017 again proceeded with the hiring of two collegiate summer interns.

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 posted 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. The City also works with local police and Massachusetts Environmental Police to provide CCTV video when dumping occurs at the Medina Street boat ramp to help in investigating and prosecuting illegal dumpers.

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. A log of data is kept each time a resident comes to dump septage.

3F Failing Septic Systems

The Health Department inspects 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 in March of 2018 can be provided to you upon request.

3H Video Inspection

The DPW – WPC uses a video camera to inspect storm drain pipes and sewer mains as needed to follow up on illicit discharges discovered. Over 40,000 feet at different locations throughout the City were TV inspected in 2017.

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 projects for storm water management compliance in 2017. The Conservation Commission reviews projects for storm water management and compliance with the Chicopee Wetlands Protection Ordinance. The Engineering Department reviews 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.

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.

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 implementing the program plans.

6B Training of Municipal Employees

Municipal employees performing activities under the new Municipal Maintenance Activity Program (BMP #6A) are 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.

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 2013. 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.

6D Catch Basin Cleaning Program

The City cleaned approximately 527 catch basins in 2018. Informational flyers are distributed to homes in the immediate area around the basins.

6E Street Sweeping

For calendar 2017 the City had three mechanical sweepers. Street sweepers were on the road continuously from March through December 2017. Every street in the City was swept at least twice. 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 all swept once per week.

6F Used Oil Recycling

The City collected used oil in 2017 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 2017 it was held in October. 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 2014 Integrated List of Waters, the Connecticut River is designated as Category 5 “Waters requiring a TMDL”. The targeted pollutants are PCBs, pathogens, and suspended solids. Sources 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 these 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 2014 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 Abbey Brook

According to the Massachusetts Year 2014 Integrated List of Waters a portion of Abbey Brook 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. In 2018, the City will be implementing solutions to mitigate TSS loads to Abbey Brook, including a new deep sump catch basin on Abbey Memorial Drive.

**Connecticut River Stormwater Committee
Annual Report
April 1, 2017 to March 31, 2018**

The Connecticut River Stormwater Committee

The Connecticut River Stormwater Committee is an intergovernmental compact of 17 municipalities that is organized to collaborate in meeting NPDES MS4 permit requirements for stormwater education and outreach (Minimum Control Measure #1). Facilitated and staffed by the Pioneer Valley Planning Commission, the Committee also works together to meet other permit compliance activities where appropriate and needed. Member communities are shown in Table 1 below.

Table 1: Connecticut River Stormwater Committee Member Communities

Member Community	Committee Representatives and Departments
Agawam	Tracey DeMaio, Department of Public Works
Belchertown	Steve Williams, Department of Public Works
Chicopee	Quinn Lonczak, Department of Public Works
East Longmeadow	Bruce Fenney, Department of Public Works
Easthampton	Dan Murphy, Department of Public Works
Granby	Dave Derosiers, Highway Department
Hadley	Marlo Warner, Department of Public Works
Holyoke	Michael McManus, Department of Public Works
Longmeadow	Mario Mazza and Peter Vancini, Department of Public Works
Ludlow	Jim Goodreau, Department of Public Works
Northampton	Doug McDonald, Department of Public Works
Southwick	Randall Brown, Department of Public Works
South Hadley	Melissa LaBonte, Department of Public Works
Springfield	Kevin Chaffee, Planning/Conservation
West Springfield	Jim Czach and Connor Knightly, Department of Public Works
Westfield	Casey Berube and Joe Kietner, Department of Public Works
Wilbraham	Tonya Basch, Department of Public Works

* Member that joined Committee this year.

Education and Outreach over the Past Year

The Connecticut River Stormwater Committee has moved forward several education and outreach activities under the 2003 permit. At the same time, the delayed start of the 2016 MS4 permit has provided time for the Stormwater Committee to lay further groundwork for its education and outreach program over the longer term. This includes developing a draft matrix of education and outreach activities for the next permit term, participating in the state-wide stormwater coalition education and outreach subcommittee to procure a consultant to develop a state-wide education and outreach campaign, and most recently, meeting with students from Worcester Polytechnic Institute

who are working with MassDEP to prepare a repository of stormwater education and outreach materials for use by MS4 permittees.

The narrative below summarizes the work of the Connecticut River Stormwater Committee during the 2017-2018 reporting year, which includes the following:

1. Produced 30-second radio spot as part of continued Soak up the Rain stormwater education campaign that will run on 3 stations throughout the Pioneer Valley in April 2018
2. Designed website for Connecticut River Stormwater Committee and began developing content
3. Worked with state-wide coalition on procuring services to help with design and materials for state-wide education program
4. Continued to lead urban tree planting project in Chicopee, Holyoke, and Springfield
5. Continued to lead project in Holyoke to reduce urban flows into Day Brook

In addition to these public education and outreach activities described in fuller detail below, members of the Stormwater Committee have joined PVPC in other MS4 permit related activities, including:

- Conducting a series of two training workshops for municipal staff that were videotaped and organized into specific modules that can now be used for subsequent annual training required by the new permit. Designed in consultation with consultant Wright Pierce, topics covered elements under the "good housekeeping" and the "illicit discharge detection and elimination" categories of the stormwater permit. Funding for these workshops was provided in part by the Massachusetts Department of Administration and Finance's Efficiency and Regionalization grant. The videos have already been shared with other MS4s in the state and are being loaded to YouTube for easy access by any other MS4 in Massachusetts who wishes to use them. Going forward, Connecticut River Stormwater Committee members have decided to use the video training modules as part of annual events where trainees from the region come together, watch the video modules, and then engage in discussion and problem solving. This will provide for more meaningful engagement than trainees watching videos on their own. Such an annual training event might also include field visits to learn about specific and/or sampling techniques. PVPC will plan to host these events as part of its Stormwater Committee work.
- Reviewing and updating municipal land use code in nine communities to meet new construction, and development and redevelopment standards within the 2016 federal stormwater permit. Funding for the code review was provided by the Massachusetts Department of Administration and Finance's Efficiency and Regionalization grant. A 10th stormwater committee member community elected to undertake code review through a fee for service arrangement with PVPC. This work included review and update of provisions for control of illicit discharges, erosion and sediment control, stormwater management permitting, subdivision regulations, and zoning. A detailed checklist with recommended code language was developed as part of this work to facilitate review in additional communities going forward.

As there are still many issues to be worked out relative to code, including updating of the Massachusetts Stormwater Standards so that they better relate to the new MS4 permit requirements, and development of model language and procedures to help with off-site mitigation for redevelopment projects, PVPC staff has recommended that communities not immediately adopt code changes developed under this project. PVPC has noted that these

updates are not required to be in place until Year 2 of the permit effective date. PVPC staff is currently working with other members of the state-wide coalition of stormwater coalitions to fold these changes into a state-wide resource package on code updates, including a model bylaw, and the guidance being developed on off-site mitigation.

- Procuring services regionally of Wright Pierce to provide integrated stormwater system mapping and data collection to meet requirements of the new 2016 permit. Seven stormwater committee members—Agawam, Belchertown, Granby, Ludlow, Northampton, South Hadley, and Southwick – are participating in this work. Research conducted in concert with communities prior to this procurement showed significant cost savings in collaborating on this work rather than going it alone.

To date, project work has entailed development of the mapping interface with stormwater infrastructure, and development of forms to ensure that all data required in the new permit (outfall screening and sampling, manhole inspections, catch basin cleaning, etc.) can be captured in the field during inspections and then uploaded to reference with geographically specific locations within Arc GIS mapping of the storm system for analysis in defining priority catchments and annual reporting to EPA.

1. Aired Soak up the Rain radio spot

The Stormwater Committee produced a 30-second radio spot to air, starting April 2. The Soak up the Rain spot is narrated by a local radio personality and calls on people to take notice and take action. It will air 183 times in a three-week period on three different radio stations in the region, covering all Stormwater Committee member communities. It will be aired at peak and non-peak listening hours to reach a variety of different audiences. The 30-second spot reads as follows:

When stormwater flows across yards, driveways or parking lots, it picks up leaked car oil, lawn chemicals, litter and animal waste.

This contaminated water ends up in the Connecticut River.

Help keep our river clean. Don't let rain run – soak it up.

Redirect downspouts to your lawn. Use a rain barrel. Create a rain garden or install porous pavement.

Brought to you by the Connecticut River Stormwater Committee, a coalition of 17 Pioneer Valley communities.

Learn more at soakuptherain.pvpc.org



Radio stations in the region that will air the Soak up the Rain radio spot.

It is hoped that interested listeners will follow the reference to the soak up the rain web page and the Committee will be able to make some determination of the spot's effectiveness by counting the increase in clicks on the web site. Results will provide some direction to the Committee as it continues to develop its 5-year education and outreach program under the new 2016 permit.

Production of the radio spot follows on an unsuccessful 4-month effort toward adapting a stormwater video from West Michigan Environmental Action Council. Members had researched stormwater messaging videos, selected the West Michigan video, engaged a local video producer for the adaptation, and worked out the terms of an agreement with the West Michigan group. The problem arose, when the local video producer learned that the Michigan group had no high resolution video file from which to work. Given that the Connecticut River Stormwater Committee members had talked about more than website use of the adapted video, a low resolution file was not adequate. It was surprising that without a high resolution file of the video, the West Michigan group would take the conversation so far. Nonetheless, this was an important lesson in learning what the right first question is to ask when talking about video adaptation.

2. Designed website for Connecticut River Stormwater Committee

While each stormwater committee member continues to maintain and update stormwater information on each of their municipal websites, there is a need to promote stormwater information on a regional Connecticut River website. The regional stormwater website will provide one website reference for forthcoming publications and media outreach work. Links can be made from the local municipal websites to the regional website and vice versa.

Design of the Connecticut River stormwater website includes "portals" for exploring the site in two ways: as an audience enumerated in the MS4 permit (resident, business, developer, industry) and as someone interested in learning more about a specific stormwater best practice important to water quality issues in the region: lawn and yard care, pet waste management, car care, soak up the rain, turf management, and septic system care. Committee members have been talking too about the importance of finding ways to include materials for educators (stormwater curriculum lessons), and agriculture (perhaps connecting to resources through the Extension Program at the University of Massachusetts, Amherst, and any nonpoint source nitrogen reduction initiatives that may emerge).

Content for the website is currently under development by PVPC. It is expected that additional content will be available through the statewide coalition of stormwater coalitions, which has just hired Water Words that Work to outline a state-wide education and outreach Think Blue campaign with development of some associated materials.

One important facet of this regional Connecticut River stormwater website is building the connection between enjoying and appreciating the resource and connecting to action. As such, PVPC will be working with its current Connecticut River US website, maintained in partnership with the Connecticut River Conservancy, to draw stronger lines between getting out on the resource and taking action for stormwater. The Connecticut River US website has information on paddling, trails, and water quality.

HOME ABOUT US FOR RESIDENTIAL PROPERTY OWNERS FOR BUSINESS, COMMERCIAL AND BUSINESS FACILITIES FOR DEVELOPERS AND CONTRACTORS FOR INDUSTRIAL FACILITIES



THINK A Clean Connecticut River BLUE: Starts with You!

DO THE RIGHT THING

Lawn and Yard Care



Pet Waste Management



Car Care



Soak Up The Rain



Turf Management



Septic System Care



GET OUT ON THE RIVER! → ConnecticutRiver.us

HOME
About
Best Practices

ABOUT US
Who We Are
What We Do

FOR RESIDENTIAL PROPERTY OWNERS
How To
Best Practices

Design of Connecticut River Stormwater website that is in development.

3. Collaborated with state-wide stormwater coalition of coalitions

On behalf of Connecticut River Stormwater Committee members, PVPC has been active on the larger coalition of state-wide stormwater coalitions committee and the group's education and outreach subcommittee. The group was successful in applying for and receiving a \$200,000 MS4 assistance grant to lay the groundwork for a state-wide stormwater outreach campaign. The campaign will help to define messaging, lay out a plan of work to meet education and outreach permit requirements, and develop a selection of materials for use by coalitions and municipalities. Water Words that Work was just selected as the project consultant at the end of March. PVPC staff is excited by the prospect of working with such a talented consultant that has developed state-wide stormwater campaigns in several states already. At the same time, staff is hopeful that the 5-year education and outreach framework it has been developing with Connecticut River Stormwater Committee members can be further refined with consultant input.

The following two projects, while specific to certain municipalities, are expanding awareness regionally about stormwater. They also serve to build capacity and know-how in planning, design, and construction of better stormwater management practices. Each project has its own outreach and education component.

4. Continue to lead urban tree planting project in Chicopee, Holyoke, and Springfield

PVPC continues to lead an effort to promote urban tree planting in the region's 3 major cities in partnership with the US Forest Service, Massachusetts Executive Office of Energy and Environmental Affairs, the Valley Opportunity Council, Nuestras Raices, ReGreen Springfield, Conway School of Design, Mass DCR, and the Cities of Chicopee, Holyoke, Springfield. Aimed at reducing stormwater flows to combined sewer areas and promoting greater climate resilience, the project involves an integrated community outreach process involving multiple neighborhood workshops and workshops for public works officials. Once completed, the project will provide the following major deliverables:

- installation of 2,200 trees on local streets and yards
- final engineering design for a green streets in each municipality
- model stormwater tree rebate ordinance

The project is made possible thanks to a \$239,000 grant award to PVPC from the US Forest Service under the State and Private Forestry FY15 Northeastern Area Landscape Scale Restoration Program.

5. Continue to lead project in Holyoke to reduce urban flows into Day Brook

Through an EPA Urban Small Waters Grant, PVPC is developing a green infrastructure plan for Day Brook in Holyoke, which flows from west to east, remaining above-ground from Anniversary Hill Park and Community Field before being conveyed underground beneath the City and routed through the Waste Water Treatment Plant.

In this past year, the project completed work to increase awareness about this "secret stream" running unseen through the urban landscape. Conducted largely by project partner Enchanted

Circle Theater, awareness work this year followed a six-week lesson series that engaged third and fifth graders in learning about stormwater and producing artwork for use in a mural and “storywalk” about Day Brook.

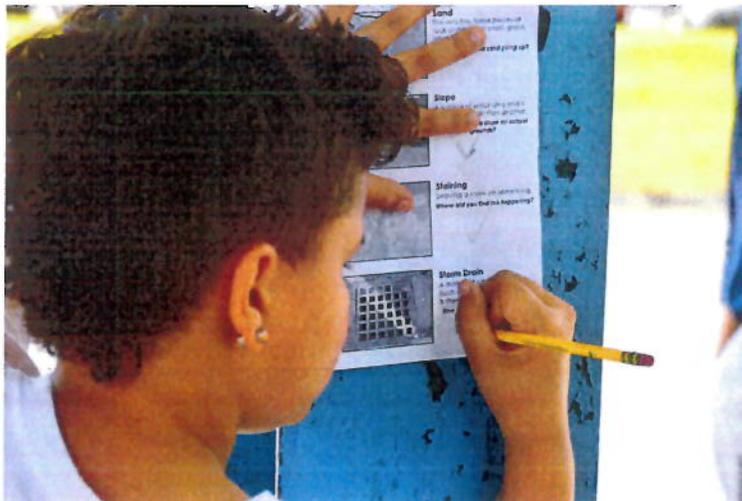
The mural, which relates the unseen journey of Day Brook in Holyoke, was unveiled at a ribbon cutting event at Community Field in June. The event for the mural included stormwater learning stations, including rain gardens in a cup activities. The storywalk unveiling occurred at the Sullivan School in September as part of Arts in Education Week. Students participated in the unveiling and then spent time being stormwater detectives on the school grounds, working in teams to check off items on a treasure hunt list. The story walk, conceived as movable artwork that tells the story of Day Brook in a series of six panels, has been installed for periods of time at the Sullivan School, Community Field, City Hall, and the Public Library.



Students enjoyed the thrill of unveiling the Day Brook story walk at the Sullivan School in Holyoke. The story walk incorporated student artwork and words telling the history of Day Brook.



Local media provided good coverage of the story walk unveiling.



As part of the story walk unveiling event, a student records finding a storm drain in the stormwater detectives treasure hunt on school property in photo above. In photo at right, Sullivan School Principal John Breish talks with students about a pipe draining storm flow from the school's roof.





CITY OF CHICOPEE

Department of Public Works

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Jeffrey A. Neece
Superintendent

April 10, 2018

To: Quinn Lonczak, Project Supervisor

From: Richard Maciolek, Acting Parks Superintendent

Re: 2018 Storm Water Management Report

Quinn,

Listed below is our Storm Water Management Activity report with documents specific areas by our department in three separate sections 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 and parking lots in the parks and cemeteries to prevent salt and sand buildup from storm water 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 players benches.

- B.
1. Waste oil 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 attends turf management seminars biannually for the proper use of herbicides and pesticides applications.
 4. The grounds maintenance craftsman meets annually with the turf company representative to review the turf process.
 5. We have converted our irrigation system to an automatic flow system which will conserve water and avoid overuse at Szot Park.

C. Storm Water Pollution Plan:

1. Employees are trained to use a best management practice where park operations directly affect storm water concerns.
2. Continue to offer 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.

C-0471-45-01 (8100)
May 4, 2018

Quinn T. Lonczak
Project Supervisor
City of Chicopee Water Pollution Control
80 Medina Street
Chicopee, Massachusetts 01013

Re: Phase II Stormwater Pollution Prevention Plan Update

Dear Mr. Lonczak:

This Stormwater Pollution Prevention Planning (SWPPP) update is provided on behalf of Chicopee Electric Light (CEL). This correspondence is intended to summarize the SWPPP implementation elements of the facility. We understand that this summary will be included in the City's Stormwater Phase II Update due to the EPA. Further, we recognize that implementation of the SWPPP for the facility was included in the City's original Phase II plan.

Although the multi-sector general permit (MSGP) is not required for municipal entities for activities associated with transportation facilities, specifically vehicle and fleet maintenance, CEL has chosen to proactively address the need to implement stormwater pollution prevention measures in order to assist the City with the Phase II Plan. Further, because CEL stores greater than 1,320 gallons of oil onsite, they maintain a spill prevention control and countermeasures (SPCC) plan in order to meet the Environmental Protection Agency's (EPA's) 40 CFR 112 requirements.

A key component of CEL's pollution prevention planning is personnel training. With that in mind, over thirty CEL staff members were trained relative to SPCC planning, Emergency Planning, Community Right to Know Act (EPCRA) and Hazard Communication on November 13 and December 4, 2017. As an electric utility with fleet vehicles, a focus of the training was preventing exposure of fuel oils and transformer oils to stormwater and releases to the environment.

CEL's stormwater discharges into the Chicopee River between Chicopee Falls and the confluence with Connecticut River, both directly and via Abbey Brook. Activities at the CEL facility include vehicle maintenance, fueling and washing, as well as fuel, hazardous waste and inactive transformer storage. The vast majority of these activities occur indoors and do not have any impact on stormwater discharges. Fleet fueling occurs outdoors, however, training and best management practices have been employed to limit any possible impacts to stormwater quantity and quality. Additionally, CEL employs several licensed Underground Storage Tank (UST) operators, trained annually on UST system operation, management, maintenance and release prevention.

As noted previously, in 2016, CEL completed the installation of a bermed area along the rear of the facility designed to store pad mount transformers. The bermed area is intended to contain any incidental spills of transformer oil that may have the potential to impact stormwater quality. A stormwater discharge valve allows trained facility to staff to discharge stormwater that accumulates in this area after inspection for oil sheens. The number of transformers stored in this area varies as transformers are taken from active service and put into storage, and in turn removed from storage and retired or returned to active service. This key pollution prevention feature was discussed in detail during the annual training session.



Lastly, in 2017, CEL developed a city-wide spill plan designed to be used should a spill occur through the inventory of active transformers in the community. Although spill planning is not required by the USEPA for smaller capacity oil containing transformers, CEL proactively developed this plan and provided copies to all field staff to be utilized in the event of a small release of transformer oil in the community.

If you have any questions or require additional information, please do not hesitate to contact me at (413) 875-1607.

Very truly yours,

TIGHE & BOND, INC.



Timothy Kucab, CHMM
Project Manager

Cc: James M. Lisowski, Chicopee Electric Light

J:\C\C0471\Environmental\SWPPP\Letters to the City\CEL Stormwater Update 2018.docx



CITY OF CHICOPEE
DEPARTMENT OF PUBLIC WORKS
115 BASKIN DRIVE, CHICOPEE, MASSACHUSETTS 01020
Tel (413) 594-3557 Fax (413) 594-3569

Jeffrey A. Neece
Superintendent

STORMWATER REPORT - 2017

Education & Outreach Activity

Trash Reduction Program Began 5/1/17

Mayor/City Council announcements twice per month

Household Hazardous Waste

Landfill Rules

Employee Training

Topics discussed in preparation for 10/7/17 drop-of day

Universal Waste

Motor Oil

Vehicle batteries

Environmental Activity

Quarterly visual inspections of DPW property
one outfall, possible erosion areas and all downspouts
recorded 1/3, 4/6, 7/7, and 10/5/17

SATURDAY, OCTOBER 7th, 2017

SIGN-UP
~~REGISTER~~ NOW

MANDATORY
EMPLOYEE
TRAINING

7^{AM} - 1³⁰ PM

PIZZA AT
1⁰⁰

1. Bob SHAW BS
2. Dan Summers JS
3. Jeff D JD
4. Elliott ME
5. Brian Mercik BM
6. JREIDY JR
J. Ruelala OR

TOPICS Discussed

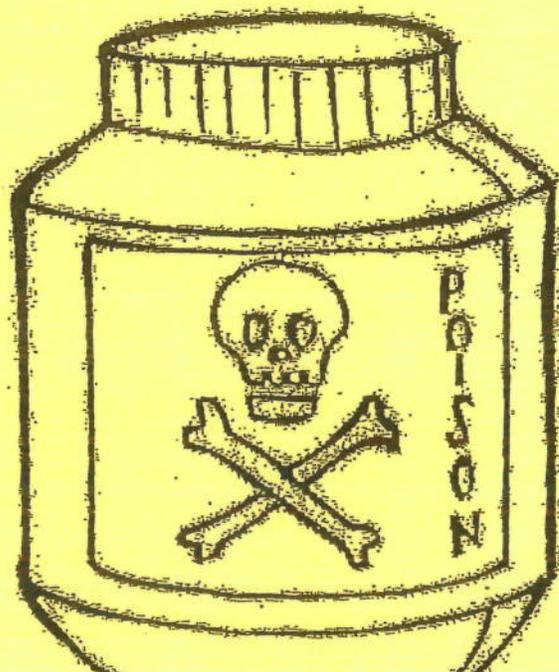
- TRAFFIC SAFETY
- OIL POURING
- CLEANLINESS
- LEAVE DUMPSTERS CLEAN, AREA FREE FROM DEBRIS, OIL
- BROKEN BULB PROCEDURE + UV HANDLING
- STAY OFF PLASTIC (RESTRICTED)
- WORK SMART SLOW, SAFE

operator (RESTRICTED)

**HOUSEHOLD HAZARDOUS WASTE
DROP-OFF DAY**

SATURDAY, OCTOBER 7th, 2017

REGISTER NOW



Are you ready?

Chicopee's new

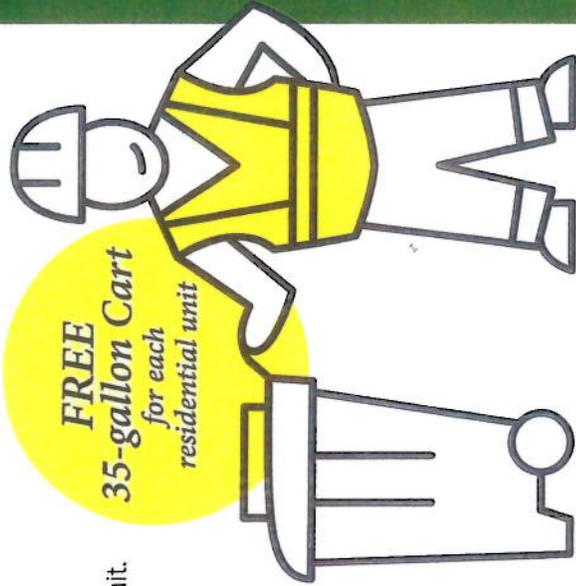
TRASH REDUCTION PROGRAM beginning May 1, 2017

Highlights of the New Program:

- One free 35-gallon cart for each residential unit.
- Additional waste must be disposed of in City-approved yellow overflow bags.
- Bags available at local retail stores in April.*
- Household trash delivered to landfill must be in these yellow overflow bags.
- Excess trash not in City-approved bags will not be picked up.



*City-approved
yellow overflow
bags are available
at local retail
stores in April.**



- Recycle all cans, bottles, paper, cardboard in green recycling carts
- Recycling will continue to be picked up every other week, same day as trash
- Recycling saves you \$\$\$ by reducing your trash and using less overflow bags
- Place yard waste in your own 32-gallon barrels or paper lawn/leaf bags
- TRASH ONLY in City-provided black trash carts

Please
Recycle!



* For information call DPW 413-594-3566 or go to www.chicopeema.gov

 Funded in part by a Grant from MassDEP



CITY of
CHICOPEE

Department of Public Works
115 Baskin Drive
Chicopee MA 01020

PRST STD
US POSTAGE
PAID
QIM

Important information you need to know regarding Chicopee's new

TRASH REDUCTION PROGRAM beginning May 1, 2017



Household Hazardous Waste Drop-off Day

Saturday, April 28th, 2018 from 9am-12pm

Registration Form

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

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

PLEASE REMEMBER:

- This is a residential collection event. No commercial (business) material will be accepted, except by prior arrangement of definite time and fee agreement.
- A limit of 25 gallons (liquid) or 25 lbs. (dry) will be accepted per household. Those with small amounts (under 10 gallons) are strongly urged to double up with other Chicopee residents/neighbors if they have any materials you may deliver for them or with them.
- The following can be brought to this drop-off and do not count toward this limit: car batteries, rechargeable batteries, used motor oil, and mercury-bearing items such as fluorescent light bulbs or thermometers. If possible, transport the bulbs in original boxes to minimize breakage but **do not tape fluorescent light bulbs together.**
- **Latex paint is non-hazardous (water-based) and not accepted. Dispose of by drying contents of can and placing uncovered next to trash curbside. Paint must be solid.**
- Vehicle fluids may be accepted by area service centers. Check with the business that services your vehicle to find out if it will take your extra motor oil, antifreeze, transmission fluid, etc.
- **Please stick to your appointment time! Call the DPW at 594-3557 to cancel or change it.**

Cut here and complete this form and drop off at or mail to:

Chicopee DPW / HHW Drop-Off
115 Baskin Dr. Chicopee, MA 01020

Name _____

Day phone _____

Mailing address _____

Zip code _____

Circle your preferred appointment time: 9:00-9:30
9:30-10:00

10:00-10:30
10:30-11:00

11:00-11:30
11:30-12:00

THE FOLLOWING SHOULD BE BROUGHT
TO THE HOUSEHOLD HAZARDOUS PRODUCTS COLLECTION:

Antifreeze	Fluorescent light bulbs	Paint thinners/solvents/cleaners
Art/photo supplies	Furniture polish	Pesticides
Automotive fluids	Gasoline	Rechargeable batteries (ni-cad, lithium)
Watch/hearing aid batteries	Herbicides	Rodent killers
Car batteries	Insecticides	Root killers
Creosote	Kerosene	Septic tank cleaners
Chemistry sets	Lead acid batteries	Spot removers
DDT	Metal polishes	Swimming pool chemicals
Disinfectants/aerosol sprays	Moth balls	Thermometers and thermostats
Drain Cleaners	Motor oil	Toilet bowl cleaners
Dry Gas	Muriatic acid	Varnishes and shellac
Engine degreasers	Paints: oil-based, lead, hobby	Wood stains/preservatives/polyurethane
Flea killers		

PLEASE DON'T BRING:

LATEX PRODUCTS (WATER-BASED PAINT, STAIN, ETC.) and

Aerosol cans w/o pesticides or disinfectants*	Fertilizer w/o pesticides*
Air fresheners/deodorizers*	Glass & window cleaners*
Alkaline or carbon-zinc batteries*	Latex products (driveway sealer)*
AMMUNITION	MEDICAL/INFECTIOUS WASTES
ASBESTOS	Nail polish*
Car waxes/polishes/cleaners*	Oven cleaner*
Caulk/spackle/grout*	PCB's (TRANSFORMERS)
Cosmetics*	PROPANE TANKS/CYLINDERS
Empty containers*	SMOKE DETECTORS
EXPLOSIVES	Scouring powder*

*Indicates that this material can be given away for someone to use and/or it may be safely thrown in regular trash. For more information, please call the Department of Public Works.

.....
HELPFUL HINTS:

IF YOU ARE BRINGING OIL, PLEASE BRING IN CONTAINERS THAT ARE NOT LEAKING AND ARE NO LARGER THAN 5 GALLONS. THERE IS NO LIMIT TO THE AMOUNT THAT CAN BE DROPPED OFF, BUT DO NOT MIX OIL WITH GASOLINE, ANTIFREEZE, WATER, OR OTHER FLAMMABLE SOLVENT CLEANERS. OIL MAY BE MIXED WITH TRANSMISSION FLUID, OR BRAKE OR HYDRAULIC FLUID ONLY. WE ARE LOOKING FOR CLEAN CRANKCASE OIL TO SAFELY BURN IN THE DPW GARAGE THEREBY SAVING THE CITY MONEY.

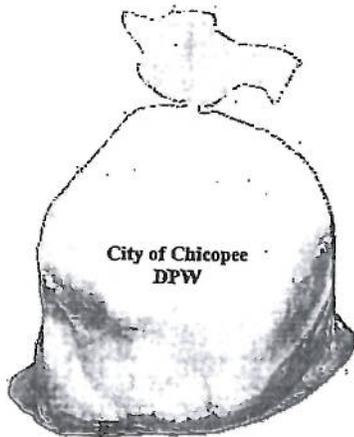
- ✓ PROPANE TANKS CAN BE BROUGHT TO THE CHICOPEE LANDFILL DROP-OFF AREA.
- ✓ Call if you need to cancel or change your appointment time.
- ✓ Mark the date on your calendar. You will receive a confirmation letter 5-7 days before event.
- ✓ Consider doubling up with friends or neighbors if you have small amounts (under 10 gallons).
- ✓ HELP US KEEP COSTS DOWN AND THANKS FOR YOUR COOPERATION!

STARTING IN MAY 2017

CURBSIDE TRASH REDUCTION PROGRAM



- ← One 35-gallon trash cart delivered to your home or apartment in April 2017
- ← Will be picked up weekly starting May 1st
- ← No fee assessed for this cart



- ← Official City of Chicopee yellow overflow trash bags
- ← Used for excess trash not fitting in cart
- ← Official yellow trash bags available for purchase at local stores in April 2017

IMPORTANT NOTES

Recycling, Yard Waste, and Bulk Waste rules, collection schedules and disposal options DO NOT change in 2017

Recycling & Yard waste still collected bi-weekly at the curb – see calendar

Bulk waste items can still be brought to the landfill drop-off 161 New Lombard Rd. at NO CHARGE to Chicopee Residents – Permit Required call DPW at 413-594-3557

HAZARDOUS WASTE DROP-OFF DAY – SATURDAY, OCTOBER 7, 2017

Will be held at the DPW located on 115 Baskin Drive, off of Fuller Road
Pre-register in September



CITY OF CHICOPEE

2017 CURBSIDE COLLECTION SCHEDULE

TRASH – RECYCLING – YARD WASTE

*Sanitation collections will be delayed one day after every noted holiday in calendar.
Please see other side for important Curbside Trash Reduction Announcement*

☐ DENOTES HOLIDAY

January							
	S	M	T	W	T	F	S
R	1	2	3	4	5	6	7
Y	8	9	10	11	12	13	14
R	15	16	17	18	19	20	21
Y	22	23	24	25	26	27	28
R	29	30	31				

February							
	S	M	T	W	T	F	S
R			1	2	3	4	
Y	5	6	7	8	9	10	11
R	12	13	14	15	16	17	18
Y	19	20	21	22	23	24	25
R	26	27	28				

March							
	S	M	T	W	T	F	S
R				1	2	3	4
Y	5	6	7	8	9	10	11
R	12	13	14	15	16	17	18
Y	19	20	21	22	23	24	25
R	26	27	28	29	30	31	

April							
	S	M	T	W	T	F	S
R							1
Y	2	3	4	5	6	7	8
R	9	10	11	12	13	14	15
Y	16	17	18	19	20	21	22
R	23	24	25	26	27	28	29
Y	30						

May							
	S	M	T	W	T	F	S
Y		1	2	3	4	5	6
R	7	8	9	10	11	12	13
Y	14	15	16	17	18	19	20
R	21	22	23	24	25	26	27
Y	28	29	30	31			

June							
	S	M	T	W	T	F	S
Y					1	2	3
R	4	5	6	7	8	9	10
Y	11	12	13	14	15	16	17
R	18	19	20	21	22	23	24
Y	25	26	27	28	29	30	

July							
	S	M	T	W	T	F	S
Y							1
R	2	3	4	5	6	7	8
Y	9	10	11	12	13	14	15
R	16	17	18	19	20	21	22
Y	23	24	25	26	27	28	29
R	30	31					

August							
	S	M	T	W	T	F	S
R			1	2	3	4	5
Y	6	7	8	9	10	11	12
R	13	14	15	16	17	18	19
Y	20	21	22	23	24	25	26
R	27	28	29	30	31		

September							
	S	M	T	W	T	F	S
R							1 2
Y	3	4	5	6	7	8	9
R	10	11	12	13	14	15	16
Y	17	18	19	20	21	22	23
R	24	25	26	27	28	29	30

October							
	S	M	T	W	T	F	S
Y	1	2	3	4	5	6	7
R	8	9	10	11	12	13	14
Y	15	16	17	18	19	20	21
R	22	23	24	25	26	27	28
Y	29	30	31				

November							
	S	M	T	W	T	F	S
Y				1	2	3	4
R	5	6	7	8	9	10	11
Y	12	13	14	15	16	17	18
R	19	20	21	22	23	24	25
Y	26	27	28	29	30		

December							
	S	M	T	W	T	F	S
Y							1 2
R	3	4	5	6	7	8	9
Y	10	11	12	13	14	15	16
R	17	18	19	20	21	22	23
Y	24	25	26	27	28	29	30
R	31						

TRASH IS COLLECTED WEEKLY

R = Recycling Week

- Green Recycling Carts Required, NO plastic bags
- Cardboard Boxes can be flat and left next to the cart
- NO trash in cardboard boxes or in Recycling Carts
- Overflow recycling can be set out next to green recycling cart in cardboard boxes.

Y = Yard Waste Week

- Yard waste can be placed in paper bags, open cardboard boxes, uncovered 32-gallon barrel
- Branches/Brush 3' long by 3" around and tied
- **NO LARGE BARRELS – NO PLASTIC BAGS**

- Medical Waste CANNOT be collected curbside or landfilled. Please contact your Health Provider for proper disposal.
- Shredded paper must be in paper bags or cardboard boxes. DO NOT use plastic bags.
- Rigid plastics (i.e. plastic toys, lawn furniture, flower pots) CANNOT be recycled. Please place in trash.

Household Hazardous Waste Drop-off Day

Saturday, October 7th, 2017 from 9am-12pm

Registration Form

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

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

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- **Latex paint is non-hazardous (water-based) and not accepted. Dispose of by drying contents of can and placing uncovered next to trash curbside. Paint must be solid.**
- Vehicle fluids may be accepted by area service centers. Check with the business that services your vehicle to find out if it will take your extra motor oil, antifreeze, transmission fluid, etc.
- **Please stick to your appointment time! Call the DPW at 594-3557 to cancel or change it.**

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Chicopee DPW / HHW Drop-Off
115 Baskin Dr. Chicopee, MA 01020

Name _____

Day phone _____

Mailing address _____

Zip code _____

Circle your preferred appointment time: 9:00-9:30
9:30-10:00

10:00-10:30
10:30-11:00

11:00-11:30
11:30-12:00

**THE FOLLOWING SHOULD BE BROUGHT
TO THE HOUSEHOLD HAZARDOUS PRODUCTS COLLECTION:**

Antifreeze	Fluorescent light bulbs	Paint thinners/solvents/cleaners
Art/photo supplies	Furniture polish	Pesticides
Automotive fluids	Gasoline	Rechargeable batteries (ni-cad, lithium)
Watch/hearing aid batteries	Herbicides	Rodent killers
Car batteries	Insecticides	Root killers
Creosote	Kerosene	Septic tank cleaners
Chemistry sets	Lead acid batteries	Spot removers
DDT	Metal polishes	Swimming pool chemicals
Disinfectants/aerosol sprays	Moth balls	Thermometers and thermostats
Drain Cleaners	Motor oil	Toilet bowl cleaners
Dry Gas	Muriatic acid	Varnishes and shellac
Engine degreasers	Paints: oil-based, lead, hobby	Wood stains/preservatives/polyurethane
Flea killers		

PLEASE DON'T BRING:

LATEX PRODUCTS (WATER-BASED PAINT, STAIN, ETC.) and

Aerosol cans w/o pesticides or disinfectants*	Fertilizer w/o pesticides*
Air fresheners/deodorizers*	Glass & window cleaners*
Alkaline or carbon-zinc batteries*	Latex products (driveway sealer)*
AMMUNITION	MEDICAL/INFECTIOUS WASTES
ASBESTOS	Nail polish*
Car waxes/polishes/cleaners*	Oven cleaner*
Caulk/spackle/grout*	PCB's (TRANSFORMERS)
Cosmetics*	PROPANE TANKS/CYLINDERS
Empty containers*	SMOKE DETECTORS
EXPLOSIVES	Scouring powder*

*Indicates that this material can be given away for someone to use and/or it may be safely thrown in regular trash. For more information, please call the Department of Public Works.

HELPFUL HINTS:

IF YOU ARE BRINGING OIL, PLEASE BRING IN CONTAINERS THAT ARE NOT LEAKING AND ARE NO LARGER THAN 5 GALLONS. THERE IS NO LIMIT TO THE AMOUNT THAT CAN BE DROPPED OFF, BUT DO NOT MIX OIL WITH GASOLINE, ANTIFREEZE, WATER, OR OTHER FLAMMABLE SOLVENT CLEANERS. OIL MAY BE MIXED WITH TRANSMISSION FLUID, OR BRAKE OR HYDRAULIC FLUID ONLY. WE ARE LOOKING FOR CLEAN CRANKCASE OIL TO SAFELY BURN IN THE DPW GARAGE THEREBY SAVING THE CITY MONEY.

- ✓ PROPANE TANKS CAN BE BROUGHT TO THE CHICOPEE LANDFILL DROP-OFF AREA.
- ✓ Call if you need to cancel or change your appointment time.
- ✓ Mark the date on your calendar. You will receive a confirmation letter 5-7 days before event.
- ✓ Consider doubling up with friends or neighbors if you have small amounts (under 10 gallons).
- ✓ HELP US KEEP COSTS DOWN AND THANKS FOR YOUR COOPERATION!



CITY OF CHICOPEE

DEPARTMENT OF PUBLIC WORKS

Jeffrey A Neece
Superintendent

CONFIRMATION LETTER

Steven J. Frederick, P.E.
City Engineer

You are registered to participate in the Household Hazardous Waste (HHW) Drop-off on Saturday, October 7th. You should arrive at the DPW on Baskin Drive in Chicopee between **11:00 – 11:30**. **Early arrivers may be held out of line and delayed 30 minutes or more. Call the DPW before October 4th if you need to change or cancel your time – we'll give it to someone else.**

HOW TO PREPARE FOR THE DROP-OFF IN ADVANCE:

- ✓ Review the list of materials accepted at this drop-off event.
- ✓ Use up a product according to directions or give it to a friend or relative who could use it.
- ✓ Properly store and label items you intend to keep. All handling and packing of HHW's should be performed by a responsible adult. Keep them away from children and pets, and sources of heat. Propane tanks should be brought to the landfill with valves closed.
- ✓ Treat HHW's with respect when inventorying, grouping together, or transporting.
- ✓ Check containers before handling or placing in your vehicle and use tight-fitting lids. If any containers are leaking, place each original container into a larger one packed with an absorbent material (i.e., kitty litter, speedi-dry, sand, or crumpled newspaper) to soak up any spillage. Be especially careful when handling corrosive material such as car batteries and drain cleaners. In general, avoid inhalation of fumes or direct skin contact. Protective face mask and gloves are recommended to be worn when handling and wash hands thoroughly after handling HHW's.
- ✓ Make sure that all HHW's are properly labeled. Unidentified materials are usually accepted, though our site supervisor reserves the right to refuse any materials based on their nature or quantity. 25 liquid gallons or 25 dry pounds is the maximum amount per household.
- ✓ Double-up with friends, neighbors, or relatives if amounts are small, (under 10 gallons).
- ✓ Used motor oil can be consolidated with transmission fluid or hydraulic or brake fluid. **Containers of oil mixed with water, antifreeze, gasoline, or other solvent are contaminated.** Please label container accordingly (e.g., "gas/oil mix", or "oil contaminated with antifreeze").
- ✓ Use our "EXPRESS LANE" if you have just motor oil, fluorescent lights, or car batteries.
- ✓ Upon arrival, tell the greeter your name and unlock the door or trunk. Stay in line and remain inside your vehicle - workers will unload your vehicle for you.
- ✓ Extinguish all smoking materials before arriving onto DPW property.

"COMMITTED TO PUBLIC SERVICE"

115 Baskin Drive • Chicopee, MA 01020
Administration (413) 594-3557 • Fax (413) 594-3569
Engineering (413) 594-3416 • Fax (413) 594-3441

**THE FOLLOWING SHOULD BE BROUGHT
TO THE HOUSEHOLD HAZARDOUS PRODUCTS COLLECTION:**

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Art/photo supplies	Furniture polish	Pesticides
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DDT	Metal polishes	Swimming pool chemicals
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Flea killers		

**PLEASE DON'T BRING:
LATEX PRODUCTS (WATER-BASED PAINT, STAIN, ETC.) and**

Aerosol cans w/o pesticides or disinfectants*
Air fresheners/deodorizers*
Alkaline or carbon-zinc batteries*
AMMUNITION
ASBESTOS
Car waxes/polishes/cleaners*
Caulk/spackle/grout*
Cosmetics*
Empty containers*
EXPLOSIVES

Fertilizer w/o pesticides*
Glass & window cleaners*
Latex products (driveway sealer)*
MEDICAL/INFECTIOUS WASTES
Nail polish*
Oven cleaner*
PCB's (TRANSFORMERS)
PROPANE TANKS/CYLINDERS
SMOKE DETECTORS
Scouring powder*

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**.....
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- ✓ **Consider doubling up with friends or neighbors if you have small amounts (under 10 gallons).**
- ✓ **HELP US KEEP COSTS DOWN AND THANKS FOR YOUR COOPERATION!**

Springfield Technical Community College



One Armory Square, Suite 1, P.O. Box 9000, Springfield, MA 01102-9000
Telephone (413) 781-7822 • www.stcc.edu



October 26, 2017

Mr. Mike Williams
Assistant Chief Operator
Chicopee Water Pollution Control
80 Medina St.
Chicopee, MA 01013

Dear Mike,

It was a pleasure to meet you today.

I wanted to express my gratitude for your willingness to conduct tours of the Chicopee Water Pollution Control facility for my Environmental Biology classes.

Your expertise and insights into the wastewater treatment process was a great help to the students in understanding the workings of the plant (and will help many of them on our next exam!). Thank you for taking the time from your busy day to spend with the class.

Have a relaxing holiday season and a healthy 2018.

Sincerely,

Ken Petit
Biology Department
STCC

RECEIVED
2017 NOV -3 A 6:54
WATER POLLUTION CONTROL
CITY OF CHICOPEE

Thanks Again, Mike!

CITY OF CHICOPEE WATER POLLUTION CONTROL



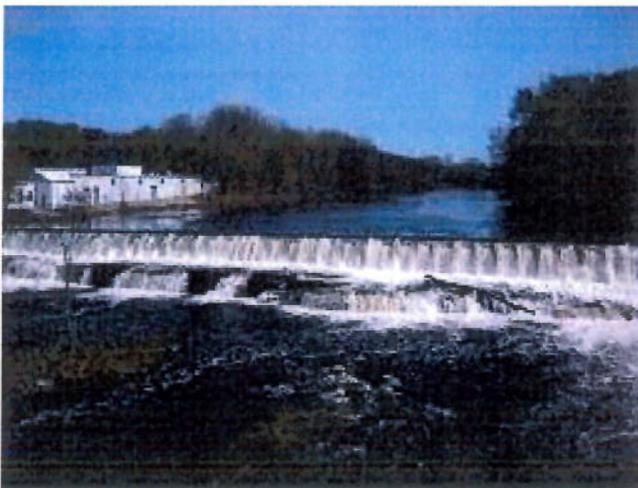
Until they can take care of
their own business...
...it's **your** business.

Did you know...

...that pet waste (dog poop) contains bacteria that can wash into our rivers and streams, making them unsafe for swimming and other recreational activity?

Picking up pet waste is more than just being a respectful neighbor and responsible pet owner. Whether you are in your own yard or on a walk, remember to dispose of your pet's waste in the garbage to prevent it from entering storm drains, which drain directly to our rivers.

**Pick up after your pet...and help keep
our water CLEAN!**



Chicopee WPC
80 Medina Street
Chicopee, MA 01013

Phone: 594-3585
Fax: 594-3588
ChicopeeMA.gov

**Clean Water
Clear Choice**



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



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**

Chicopee High School Stormwater Monitoring Program

Chicopee River

<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>
5/4/2017	6.94	11.9	10.6	15		48	0.02	0.3	58	0.22	0.58	0.22	0.58	sunny, 54o
5/11/2017	7.04		11.8	0			0.04	0	86				0.47	
5/25/2017							0	0.4	74	2.06				
9/21/2017	6.86			5				1		0.1	0.49			
9/28/2017	7.0	100	16.5	1		4.4	0.01	2.2	290	0.009	0.22	0.17	0.17	sunny, 68 deg
10/12/2017	7.18	49	8.3	2	52	3.6	0.07	6.8	25.8	0.03	0.9	0.44	0.44	cloudy, 53deg
10/19/2017	7.22		8.2	0	40	40	0.01	10.3	197	3.7	0.11	0.04	0.04	
11/2/2017	7.04		10.1	0	138	65.6	0	1.7	445	0.019	0.07	0.48	0.48	
11/9/2017	7.15	12.8	10.7		46		0	0		0.2	0.58	0.58	0.58	sunny, 34deg
11/16/2017		19.2	11.1	10	40	34.4	0	0.002	66.8	0.32	0.7	0.7	0.7	
11/30/2017		30.4	16.5		29	48.4	0	2.1	54.4	0.04	0.06	0.53	0.53	cloudy, 31deg
12/7/2017	7.05		11.5		26	121.2	0	3.4	107.2	0	0.15	0.48	0.48	

Chicopee High School Stormwater Monitoring Program

Conn. River

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E.Coli:	Hardness:	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
5/4/2017	7.11	20.5	11.2	9		45	0	0.3	31	0.07	0.12			
5/11/2017	6.99		10.7	0			0.29	0	34				0.11	
5/25/2017							0	0.3	28			0.41		
9/21/2017	7.08			4			0.7			0	0.15		0.29	
9/28/2017	7.05	65	6.7			5.2	0	0	107	0.052	0.1		0.41	
10/12/2017	6.87	40	8.9	5		63.6	0.01	5	457.5	0.1	0.05		0.09	
10/19/2017	7.06	43.2	6.7	0		60	0	17.2	243	6.8	0.04		0.14	
11/2/2017	6.65		10.7	7		52	0	0.8	705	0.061	0.04		0	cloudy, 51deg
11/9/2017	7.06		11.7			86	0	3.1	18.4		0.27		0.2	
11/16/2017		24	10.4	13		184	0	0.002	53.6		0.12		0.21	
11/30/2017	6.65	18	16.5			62	0.01	1.2	66		0.05		0.23	
12/7/2017	6.80		12.4			42	66.8	0	2.2	86.4	0.006	0.1	0.17	

Chicopee High School Stormwater Monitoring Program

Mt. Lake

Date:	pH:	Alkalinity	DO:	Turbidity	TColiform	E Coli:	Hardness:	Ammonia	Nitrate:	Chloride	Nitrite	Phosphorus	Iron:	Weather
5/4/2017	7.06	18.5	13	3			120	0.02	0.5	155		0.33	0.7	
5/11/2017	7.04		11.2					0.01	0.1	185			0.51	sunny, 45o
5/25/2017					12			0.05	0.2	181		0.57		
9/21/2017	7.06			7				4.2			0	1.1	0.4	
9/28/2017	6.89	110	8.8	0			10.9	0.01	10.8	450	0.018	0.4	0.57	
10/12/2017	6.76	40	16.5	3		96	71.6	0.01	9.9	617.5	0.03	0.15	0.56	
10/19/2017	6.95		9	0		96	68	0	7	207	0	0.02	0.41	
11/2/2017	7.08		8.1	0		76	90.8	0	0	635	0.023	0.1	0.09	
11/9/2017	6.70	23.4	11			32		0	13.8			0.51	0.89	
11/16/2017		36.8	10.9	18		7	88.4	0	0	106		0.17	0.018	rainy 38deg
11/30/2017	7.26	18.8	16.5			8	99.2	0	1.3	122.4		0.03	0.56	
12/7/2017	7.09		9.7			44	75.2	0	1	58.8	0.019	0.11	0.36	sunny 33deg

MS4 Report
Stormwater Compliance Projects

Review_Process	Case_No.	Hearing_Date	Project_Title	Property_Address	Description	
Subdivisions	17-2001	9/7/2017	Ondrick Acres Phase III	5. of Jean Cir., W. of Wildermere	6-lot single-family subdivision	
Modified Site Plan	17-2201	11/2/2017	Wrecker LLC - Interstate Towing	1676 Westover Road	Erect a new storage garage approximately 9,300 SF	
Site Plans	17-6001	2/2/2017	Mielana Estates Multi-family development	114 McKinstry Ave.	12-unit condominium project	
	17-6003	5/4/2017	301 Front St.	301 Front St.	New Construction of commercial/retail business	
	17-6004	6/1/2017	J. Polep Building #1 Expansion	705 Meadow St.	Expansion of Building #1 plus site and drainage improvements	
	17-6005	9/7/2017	Chicopee Hotel Redevelopment	357 Burnett Rd.	Redevelopment of former hotel property as a mixed retail and hotel development	
SPRAC	17-6601	4/27/2017	Polish National Credit Union	923 Front St.	New Drive-thru at existing bank	
	17-6602	5/16/2017	Guidewire - Renovations and addition	1974 Westover Rd.	Renovations and addition to existing building	
	17-6603	9/26/2017	Bowmor AMF Drainage Assessment/design	294 Burnett Rd.	Upgrades to existing stormwater management system	
	17-6604	9/26/2017	Church of the New Covenant	St. Louis Ave. (780 Chicopee St.)	Expansion of parking lot	
	17-6605	12/7/2017	55 Main St. - Veden LLC.	55 Main St.	Redevelopment and Parking expansion	
	17-6606	1/18/2018	Cebula Electronics	637 Front St.	Storage room addition to existing building	
	17-6607	1/4/2018	Parking area Improvements	425 Meadow St.	Parking Lot Improvements	
	Building Checklist	17-8001	1/10/2017	Steve Aube	Pendexter St. 0416-00003	New Construction of a Duplex
		17-8002	5/3/2017	At Home Properties - Gary Stamborski	51 Foss Ave.	New Construction of Single-Family Home
		17-8003	5/15/2017	26 TOV LLC.	165 Clarendon Ave.	New Construction of a Two-Family Home
17-8004		7/31/2017	Anthony Wheeler	Nonotuck Ave. 0048-00019	New Construction of a Two-Family Home	
17-8005		8/24/2017	SOH Remodeling	74 View St.	New Construction of a Duplex	
17-8006		9/13/2017	Paul Mailhott	301 Front St.	New Construction of a Commercial/Residential Building	
17-8007		9/29/2017	Waycon, Inc.	58 Maple St.	New Construction of a Two-Family Home	
17-8008		10/18/2017	CRA Holdings	Grace St. 0420-00047	New Construction of Single-Family Home	
17-8009		10/18/2017	Jeff Picard	47 College St.	New Construction of Single-Family Home	
17-8010		11/14/2017	Nikolay Dikan	38 Keith St.	New Construction of Single-Family Home	
17-8011		11/21/2017	Chuck's Signs	658 Fuller Rd.	New Construction of Single-Family Home	
17-8012		11/30/2017	Sergey Savonin	236 Dale St. (Old address)	28' x 70' addition to existing building complex	
17-8013		12/6/2017	Waycon, Inc.	Stockbridge St. - lot 9	New Construction of a Single-family house - new house to have new address	
17-8014		12/12/2017	DGL Properties LLC. - Gary Stamborski	Maplewood Ave. 0413- 00008	New Construction of Single-Family Home	