APPENDIX F 2019 MS4 ANNUAL REPORT

Bristol, CT

- OUTREACH
- TRAINING/MANAGEMENT
- MAINTENANCE
- REGULATORY UPDATES

AGENDA
CONSERVATION/INLAND WETLANDS COMMISSION
CITY OF BRISTOL

SUB COMMITTEE MEETING OF JANUARY 10, 2019
6:30 P.M., BRISTOL CITY HALL

CTDEEP Application, RE: Open Space & Watershed Land Acquisition (OSWA) Grant Program.

1. Grant Questionnaire and Submittal Checklist

   - Letters of support - identify how the proposed project addresses an identified need/goal in the local and /or regional open space plan or POCD
   - Review of Statement of Need (consistency with municipal or regional plans, e.g. water quality and open space initiatives, State POCD, State conservation and recreation plan (e.g. Green Plan, SCORP, DEEP Wildlife Strategy)

2. Parcel considerations; access, operation/maintenance/stewardship

3. Grant ranking criteria

4. Future grant preparation for Open Space Acquisition and Restoration -Urban Green and Community Gardens Initiative

5. Adjournment

City of Bristol

DEPARTMENT OF PUBLIC WORKS
BRISTOL, CONNECTICUT 06010

January 10, 2019

Mayor Ellen Zoppo-Sassu
111 North Main Street
Bristol, CT 06010

RE: Letter of Support - CT DEEP Open Space and Watershed Land Acquisition grant

Dear Mayor Zoppo-Sassu:

The Bristol Conservation Commission would like to present this letter of support for the filing of the CT DEEP Open Space and Watershed Land Acquisition for preservation of the property on Assessor's Map 57, Lots 6, 6-2 and 6-3. The City's partnership with the Environmental Learning Center to select these parcels provides an extraordinary opportunity to expand and manage the community's existing Open Space lands from both the adjacent Harry C. Barnes Nature facility and the City's Seymour Park, both of which provide 7-day per week handicapped-accessible access to the public. The site's unique ridgeline, geological features, including glacier kettle and glacier esker features, woodlands, water features, including wetlands, stream, and pond areas, as well as existing agricultural use, may otherwise be forever lost to sand and gravel mining, and subsequent land development.

This acquisition incorporates the important conservation strategies of Bristol's 2015 Plan of Conservation and Development (rev. April 2018). Specifically, selection of the Shrub Road property will allow access and expansion to the existing environmental education facility and Open Space hiking trails, as well as preservation of the ridgeline, wetlands, watercourses and slope features of property. Preservation of the property, located less than ¼ mile upstream of regional aquifer protection for wellfields, will also serve to help to protect the watershed surface water and groundwaters for both water quantity (flood protection) and water quality benefit.

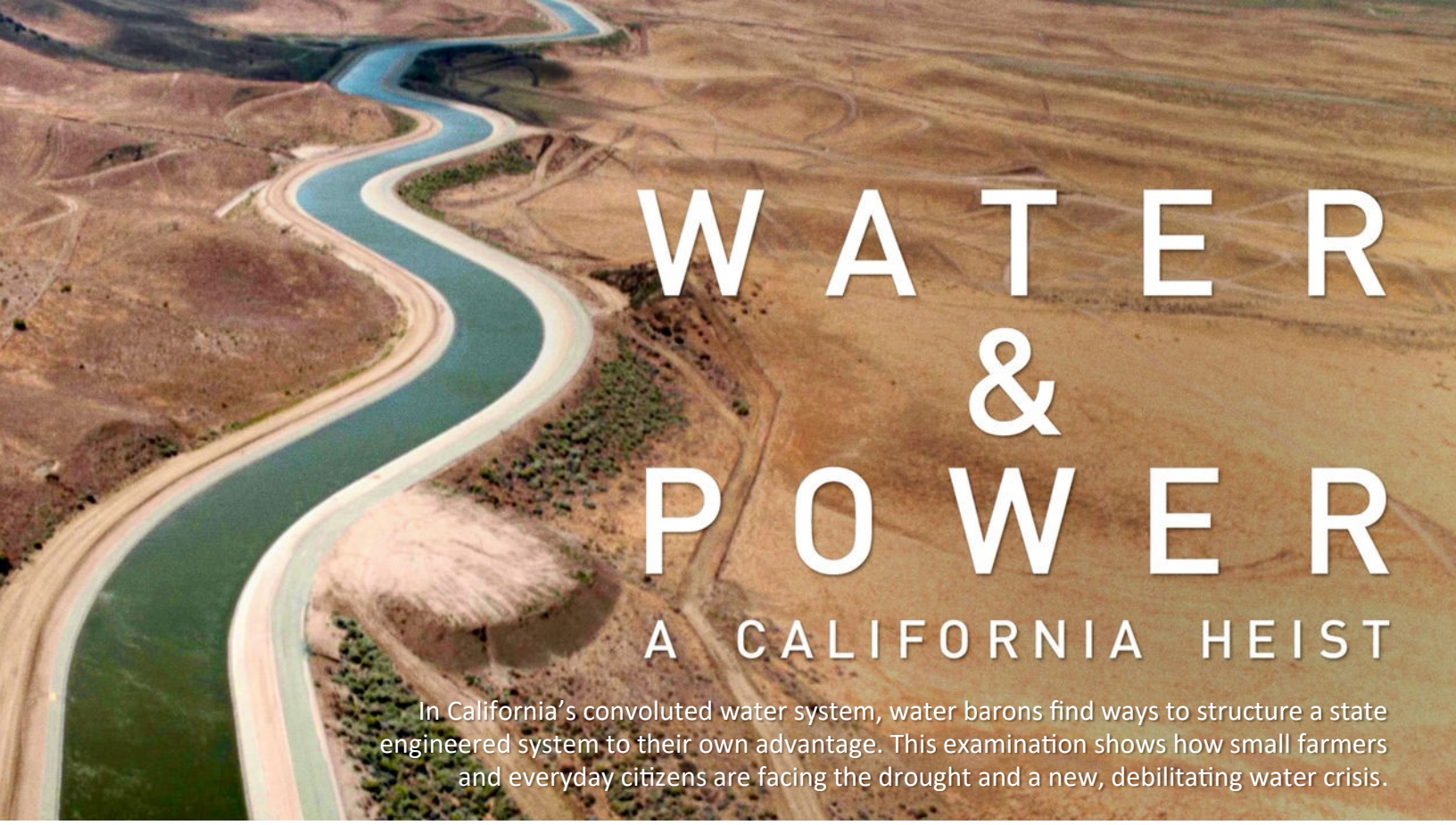
This acquisition is also consistent with the Plan of Conservation and Development of State of Central Connecticut (2013-2023) and CT Wildlife Action Plan (2015) for protection of natural resources and critical habitats to ensure that functioning habitats are not degraded by human manipulations. Conservation of the site is consistent with the Intensity Plan Area Map for Bristol in the state plan. The unique coldwater stream habitat is home to State listed Species of Special Concern, the Slimy Sculpin, categorized "most important" tier of greatest conservation need (GCN) species, according to the 2015 CT Wildlife Action Plan, and other flora and fauna subject to shrinking habitat impacts. The proposal also provides a model project according to the goals of the State Comprehensive Outdoor Recreation Plan (SCORP 2017-2022), to implement conservation objectives, provide well-maintained outdoor recreation areas for varied groups, and promote healthy participation.

On behalf of the Bristol Conservation Commission and Inland Wetland and Watercourse Commission, please extend thanks to the City Council for your sustainability focus and your dedication to long-term of protection of Bristol's natural resources with public access to Open Space.

Sincerely,

Zach Fisk, Chairman

Copy: City Engineer



Free and Open to the Public - Light Refreshments provided

Saturday, January 26
Bristol Public Library
5 High Street

10:30 AM Non-profit tabling
Talk with local environmental organizations

11:00 AM Movie Screening
Panel Discussion and Q & A will follow movie

Farmington River Watershed Association

Pequabuck River Watershed Association

saveourwaterCT.org SAVE OUR WATER!

350CT.org

Sierra Club Connecticut

PROTECT OUR WATERSHEDS CONNECTICUT

CHISPA CT
IGNITING THE MOVEMENT. ADVANCING CLIMATE JUSTICE.
CONNECTICUT LEAGUE OF CONSERVATION VOTERS

For more information, contact
Mary Rydingsward 860 670 4761
pequabuckriverct@gmail.com

www:fb.me/pequabuckriver

PRESS RELEASE - FOR IMMEDIATE RELEASE

2/21/2019

INVASIVE SPECIES WORKSHOP

On March 20, 2019 at 6:00 PM, the Bristol Public Works Department, in conjunction with the Environmental Learning Centers of CT (ELCCT) and the Bristol Garden Club, will host a workshop on Invasive Species at the Bristol Public Library (Main Library, 5 High Street).

An invasive species is a plant, fungus, or animal species that is not native to a specific location (an introduced species), and which has a tendency to spread to a degree believed to cause damage to the environment, human economy or human health. Since the invasive species evolved elsewhere, they lack natural enemies in an area and are flourishing unchecked. In some instances, this allows them to become a dominate species within an ecosystem. The results are a reduction of biodiversity to both the native plant and native animal communities.

-Mr. Scott Heth, Executive Director of the ELCCT, will discuss existing invasive species that have spread throughout Connecticut and various control techniques for invasive plants.

-Dr. Jeffrey Ward of the CT Agricultural Experiment Station will discuss invasive insects and how invasive insects and diseases have affected trees in our neighborhoods, parks and forests.

-Mr. Peter Picone, CT DEEP Wildlife Biologist, will discuss enhancing habitat using native plants and give examples on the management of invasive species conducted at Sessions Woods Wildlife Management Area in Burlington, CT.

If you are interested and know others who would benefit from this informational session, please attend and tell your friends and family about the program. All are welcome!

Light refreshments will be generously provided by the Bristol Library.

Fee: No charge is associated with this informational workshop hosted by the City of Bristol.

For more information on Invasive Species, please visit the City of Bristol Public Works website:

http://ct-bristol2.civicplus.com/521/CT-Invasive-Species

111 North Main Street – Ground Floor
(860) 584-6125
Web Site: www.bristolct.gov/publicworks Email: publicworks@bristolct.gov

Rain Garden Workshop

Free downspout disconnect kit

Aimee Petras, Outreach and Education Coordinator for the Farmington River Watershed Association, will outline why installations of bioswales, rain gardens and river buffers are important for the river, showing some local examples. She will explore ways to reduce stormwater and improve water quality in our community. There will be a demonstration of how to disconnect a downspout (gutter) and downspout disconnect kits will be given to community members attending the program (a value of $20).

Join us! Bring a Friend!

April 18, 2019

6:00 pm

Bristol Public Library

5 High St., Bristol, CT

Fee: No charge is associated with this informational workshop hosted by the City of Bristol Public Works.

Download the free rain garden app from
https://nemo.uconn.edu/tools/app/raingarden.htm

Pequabuck River Watershed Association

Meet between 8 - 8:15 AM in Nuchie's Parking lot, Forestville Center or contact Jolene Dutkiewicz at jdutk@yahoo.com for the Terryville location. You'll see the PRWA signs!

Saturday April 27

8:00 AM–12:30 PM

River Cleanup

Community Service Credit Available. To clean the river: Sturdy shoes and long sleeves recommended. Gloves, bags, coffee, donuts, water provided. Groups welcome!

To learn more about the Terryville cleanup contact Jolene Dutkiewicz at jdutk@yahoo.com or 860.204.2518. For more information about the Bristol and Plainville cleanup contact Mary Rydingsward at maryrydingsward@gmail.com or 860 670-4761, or on Facebook: Pequabuck River Watershed Association.

PRWA works in partnership with the Bristol Water Department to keep our waterways clean

News & event updates on Facebook: Pequabuck River Watershed Association

Volunteers needed to plant rain gardens

Wednesday, Thursday, and Friday

May 8, 9, & 10 11 AM - 5 PM

Page Park 581 King Street – Bristol

Thursday & Friday May 30 & 31 2 PM- 7 PM

Bristol Eastern High School (west side of parking area)

Arrive when you can; Join in during any of the days and hours listed

Bring your own gloves, if you've got 'em, but we'll have 'em, too.

More information, Mary Rydingsward pequabuckriverct@gmail.com
860.670.4761

What is a Rain Garden?

A rain garden is a depression (about 6 inches deep) that collects stormwater runoff from a roof, driveway or yard and allows it to infiltrate into the ground. Rain gardens are typically planted with shrubs and perennials (natives are ideal), and can be colorful, landscaped areas in your yard.

Why a Rain Garden?

Every time it rains, water runs off impervious surfaces such as roofs, driveways, roads and parking lots, collecting pollutants along the way. This runoff has been cited by the United States Environmental Protection Agency as a major source of pollution to our nation's waterways. By building a rain garden at your home, you can reduce the amount of pollutants that leave your yard and enter nearby lakes, streams and ponds.

The University of Connecticut's Tolland County Extension Center's rain garden located in Vernon, CT. (top photo) the day the rain garden was installed. (bottom photo) the same rain garden several years later.

Stress Factors on the Lower Coppermine Brook

Presentation by Alicia De Sena

CCSU Global Sustainability graduate student

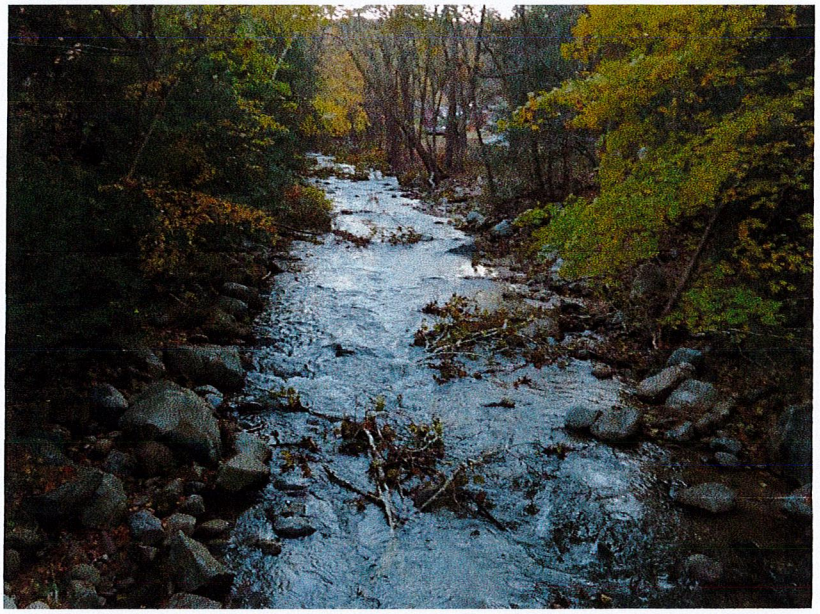
Thursday, August 8

6:00 – 7:30 PM

F.N. Manross Memorial Library

260 Central Street

Bristol



Why did the confluence of the Coppermine Brook and the Pequabuck River dry up during the summer of 2016?

Why is the upper Coppermine Brook considered pristine, but the lower is contaminated with bacteria and risks deterioration when low water conditions are present?

Sponsored by the Pequabuck River Watershed Association and F.N. Manross Memorial Library

For more information pequabuckriverct@gmail.com

860.670.4761

Registration Form 2019

Best Management Practices Tour of the Pequabuck River Watershed

Join us as we tour locations throughout the watershed and discuss with experts the value of installations designed to improve the health of our river and our drinking water. This tour is designed to inform land use officials and others interested in environmental solutions aimed at creating a healthy watershed. Subject-matter experts on our tour include: Laura A.S. Wildman, P.E., Director, New England Regional Office Princeton Hydro, Water Resources and Fisheries Engineer; Ray Rogozinski, P.E., Director of Public Works, City of Bristol; Scott Heth, Executive Director, Environmental Learning Centers of CT; Aimee Petras, Farmington River Watershed Association, Carl Swanson, Trout-in-the-Classroom Chair, Farmington Valley Trout Unlimited.

Saturday, October 5
10:00 AM–12:30 PM

TROUT UNLIMITED
FARMINGTON VALLEY CHAPTER
To preserve, protect, and restore cold water fisheries in Connecticut and

Send this registration for to the address below and thanks for joining us! The meeting location will be sent to you prior to the event.

Name: _____ e-mail: _____

Street address and Town: _____

Cell phone: _____ Affiliation: _____

Tour fee: $10

☐ Cash ☐ Check ☐ Credit Card #_____

Credit Card Address Zip Code _____ Exp. Date: _____ CVV code _____

mail to PRWA PO Box 1461 Bristol, CT 0611-1461
or e-mail form to pequabuckriverct@gmail.com

BRISTOL CONSERVATION COMMISSION
FINANCE COMMITTEE
MINUTES
SPECIAL MEETING OF DECEMBER 4, 2019

CALL TO ORDER:

By: Chairman Fisk Time: 6:30 Place: City Hall Commission Room

ATTENDEES:	NAME:
REGULAR MEMBERS:	Zachary Fisk (Chairman)
	Chet Reed (Vice Chairman)
	Michael Robinson
	Sebastian Panioto (Secretary)
	James Carros
STAFF	Carol Noble, P.E., Environmental Engineer

Conservation Commission Finance Committee
Chairman Fisk opened the meeting for the discussion of the use of the funds, as requested in his 11-6-2019 Memorandum to Board of Finance for set-aside of enforcement funds for conservation projects.

At this time, there is $3,180, which was approved by BOF and will need additional approval by joint City Council/Finance later this month. It is anticipated that the funds will be available by the end of the calendar year

Commissioner Robinson discussed using the funds for a water quality monitoring program. He addressed the existing RBV monitoring and training by Farmington River Watershed Association, and suggested that he could reach out to Alisa Phillips-Griggs for support on monitoring program recommendations for the Pequabuck tributaries. Pequabuck River Watershed Association also participated and is interested, especially in the upper Coppermine. Mike also mentioned the CT DEEP Citizen Scientist program (Meghan Lally) could be another resource.

Chairman Fisk indicated the monitoring program acts to engage citizens. He is also interested in invasive removal program. There was additional discussion about the rain garden program grants.

Commissioner Panioto indicated that he likes the idea of using the existing resources at the City Parks Dept. and Public Works for quality monitoring and invasive species control. He would like to see the program to include students, and possibly work through the schools.

Commissioner Reed suggested that community education through the Chamber and other community organizations will help to increase public awareness. The activities should be communicated to the public.

Chairman asked that the item be added to the Conservation Commission agenda for next month for additional discussion.

Meeting adjourned approximately 7:00 pm

Respectfully submitted,
Carol Noble

Zachary Fisk, Chairman
Inland Wetlands Commission

Sebastian Panioto, Secretary

FRWA Fall 2019 Events

September 26	Pequabuck River Watershed-Based Plan Presentation—10:30 a.m., Bristol Public Library
September 26	FRWA Aquatic Insect Sampling (RBV) Workshop (Part 1: Indoor portion), Simsbury
September 28	Farmington River Cleanup, various locations in the Watershed
September 28	FRWA Aquatic Insect Sampling (RBV) Workshop (Whole day, Indoor & outdoor), Bristol
September 29	Stream Bugs & Pond Critters, Nature's Porch, Winding Trails
October 5	FRWA Aquatic Insect Sampling (RBV) Workshop (Part 2: Outdoor portion)
October 5	Best Management Practices Tour of Bristol
October 19	Saville Dam Tour, Barkhamsted
November 2	Wild and Scenic Film Festival, Town Hall Auditorium, Collinsville

Visit FRWA.org for the entire list of events and registration requirements or check our Facebook page.

Follow us on social media! *@frwa_org*

You can support Farmington River Watershed Association by shopping at **smile.amazon.com.** Amazon will donate **0.5%** of the price of eligible AmazonSmile purchases to FRWA when you shop on AmazonSmile.

Printed on 100% recycled paper, always.

FRWA 2019 Spring Events

Thursday April 18: Downspout Disconnect/Rain Garden Workshop, Bristol Public Library
Friday, April 26: Jackson Lab Earth Day, Farmington
Saturday, April 27: Indian Rock Earth Day Open House, Bristol
Saturday, April 27: Organic Lawn Care Workshop, Winding Trails Farmington
Sunday, April 28: Green Trails Market Earth Day, Farmington
Sunday, April 28: Barkhamsted Earth Day Nature Festival, Matthies Grove at People's State Forest

Visit FRWA.org for the entire list of events and registration requirements or check our Facebook page

Follow us on social media!   ***@frwa_org***

You can support Farmington River Watershed Association by shopping at **smile.amazon.com**. Amazon will donate **0.5%** of the price of eligible AmazonSmile purchases to FRWA when you shop on AmazonSmile.

Rain Garden Installations in Bristol

Volunteers Needed! Rain Garden Planting Page Park, Bristol, CT: May 8, 9 & 10, 2019

We are thrilled to continue with more installations this year thanks to grant funding and support from the City of Bristol. But we need **volunteers** to help complete the final step of the rain garden process!

Please call FRWA at 860-658-4442 or email Aimee at apetras@frwa.org to register.

Conceptual drawing of Page Park by Ruth Miller, North Central Conservation District

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)

- MS4 Permit Overview
- Standard Operating Procedures consistent with MS4 General Permit
- General Goals and Objectives of the Stormwater Management Plan
- Identification and Reporting of illicit discharges and improper disposal
- Spill response protocols and responsibilities
- MS4 implementation with respect to Property and Operations Management
    - Petroleum and non-petroleum products use, storage and disposal
    - Waste management equipment
    - Parking lot sweeping
    - Interior building floor drains
    - Vehicle fueling areas
    - Vehicle wash waters
    - Leaf management
- Street Sweeping Program and documentation requirements
- Catch Basin Cleaning and documentation requirements
- Snow Management Procedures

Connecticut Association of Conservation and Inland Wetlands Commissions, Inc.

deKoven House Community Center
27 Washington Street
Middletown, CT 06457
www.caciwc.org

August 31, 2019

Greetings to all Connecticut Conservation and Inland Wetlands Commissions & staff,

The CACIWC Board of Directors and Annual Meeting Committee are very pleased to provide additional details on our **42nd Annual Meeting and Environmental Conference** scheduled on Saturday, November 23, 2019 when we will return to the **Red Lion Hotel Cromwell** (formerly known as the Radisson Hotel Cromwell).

The CACIWC Annual Meeting Committee has scheduled a series of informative workshops on a host of relevant topics for both experienced and new conservation and inland wetlands commissioners and staff. Additional details can be found on our website **www.caciwc.org** and in the upcoming summer/fall issue of *The Habitat.* Individuals associated with CACIWC member commissions in good standing who register before **October 15, 2019** can still save up to $25 off the registration fee *for each commission member or staff* (see attached **registration form**). You can either register by completing the on-line registration form, or by mailing completed registration forms along with your checks to us at our deKoven House address, or by scanning and emailing completed registration forms (along with any questions) to us at: **AnnualMtg@caciwc.org**.

We also remind commissions who have not yet sent in their **CACIWC membership renewal** that our current fiscal year began on July 1, 2019. Please note that the CACIWC Board of Directors has decided *not* to raise membership fees for the July 1, 2019-June 30, 2020 fiscal year. We have also attached a copy of the **membership renewal form** for your convenience. Your prompt return of the completed form and check to CACIWC at the above address will help us fund our Annual Meeting and Environmental Conference, issues of *The Habitat,* along with additional proposed education sessions. You may also renew and pay by credit card using our on-line registration form, see **www.caciwc.org**.

Your commission's support of our membership dues has become even more critical in recent years as the costs of hosting our annual meeting and environmental conference have substantially increased. Please also consider becoming a conference sponsor this year. Your sponsorship at any level (see the categories listed on the registration form and our website for more information) will help us meet these increasing expenses.

We thank you for your ongoing support and hope to see you at the conference!

Alan J. Siniscalchi, President
CACIWC

Connecticut Association of Conservation & Inland Wetlands Commissions
42nd Annual Meeting & Environmental Conference
Saturday, November 23, 2019
Red Lion Hotel Cromwell (100 Berlin Road, Cromwell, CT 06416)

Register online at www.caciwc.org, OR email the form below to us at AnnualMtg@caciwc.org, OR mail it with your payment to CACIWC (27 Washington St. Middletown, CT 06457).

Registration Form

Name: _____
Town: _____
Commission name: _____
Phone: _____ **Email:** _____

Registration fee includes continental breakfast, hot lunch, workshops, and gratuities.
( ) Enclosed is my $65 check (members & staff of CACIWC member commissions in good standing*, registration received/postmarked by October 15, 2019)
( ) Enclosed is my $75 check (members*, received/postmarked after October 15, 2019)
( ) Enclosed is my $90 check (non-members)
( ) My town will submit payment prior to the event.
No refunds after November 9, 2019 Questions? Please contact us at: AnnualMtg@caciwc.org

Please make checks payable to CACIWC; Return to CACIWC at the deKoven House Community Center, 27 Washington Street, Middletown, CT 06457; also see: www.caciwc.org

I will attend the following workshops: (Please check one workshop per session)
Session 1 (10:15 AM -11:15 AM)
( ) A1. "The CAPS Program in Connecticut: Monitoring for Invasive Pests"
( ) B1. "Complex Applications; Use of Fees and Standards for Experts"
( ) C1. "Water Quality Standards and Classifications 101 & Natural Resources Planning"
( ) D1. "Recycling: Are We Doing It Right? Should We Still Bother"

Session 2 (11:30 AM - 12:30 PM)
( ) A2. "New Science & Climate Change - The Role of Natural Land Stewardship"
( ) B2. "2019 Wetlands Law & Regulations Update with Question & Answer Session"
( ) C2. "Connecticut Stream Crossing Best Management Practices"
( ) D2. "Sustainable CT: Supporting and Celebrating Sustainability Initiatives in CT"

Session 3 (2:00 PM-3:15 PM)
( ) A3. "Coexisting with Wildlife; Black Bears in Connecticut"
( ) B3. "Working with Other Agencies and Local Departments"
( ) C3. "Charting the Course of Connecticut's Marshlands in a Rising Sea"
( ) D3. "Mapping 101: FEMA Flood Map Overview"

( ) Yes, I will be a Sponsor for CACIWC's 2019 Environmental Conference.
$_____ Tax Deductible Contribution (as allowed by law), see categories, below:
Benefactor: $5,000 and up, Patron: $1,000-$4,999; Great Horned Owl: $500-$999, Barred Owl: $250-$499, Screech Owl: $100-$249, Saw-whet Owl: $10-$99

***CACIWC member commissions in good standing have paid their 2019-20 membership dues by October 12, 2019.**

Connecticut Association of Conservation and Inland Wetlands Commissions, Inc.

MEMBERSHIP APPLICATION & RENEWAL FORM

To: CACIWC Members and Supporters:

Membership Dues For July 1, 2019 through June 30, 2020 Are Due.
Please Consider Joining CACIWC or Renewing Your Membership.

Your annual dues support CACIWC education and outreach programs, the Annual Meeting and Environmental Conference, the publication and distribution of our newsletter The Habitat, the CACIWC.org website and CACIWC's operational budget. We have not increased membership fees for the 2019-2020 fiscal year.

Your continued support is vital to our mission to promote the statutory responsibilities of Connecticut Conservation Commissions and Inland Wetlands Agencies, and to foster environmental quality through education and through the conservation and protection of wetlands and other natural resources.

CACIWC is a 501(c)(3) non-profit organization.

*Please complete the below form and return to with your check payable to **CACIWC** at:*
CACIWC; deKoven House Community Center; 27 Washington Street, Middletown, CT 06457

CACIWC MEMBERSHIP - July 1, 2019 through June 30, 2020

Voting: Commissions & Agencies

☐ One Commission	$ 65.00
☐ One Commission (Sustaining Member)	$ 75.00
☐ Two Commissions	$ 120.00
☐ Two Commissions (Sustaining Member)	$ 150.00

☐ **Membership Renewal**
☐ **New Membership**

Non-Voting: Individual, Organization, Business

☐ Individual	$25.00	☐ Organization/Business	$ 50.00
☐ Saw-Whet Owl	$35.00	☐ Organization/Business (Supporting Member)	$ 100.00
☐ Long-Eared Owl	$50.00	☐ Organization/Business (Sustaining Member)	$ 250.00
☐ Great-Horned Owl	$100.00	☐ Individual (Lifetime)	$ 750.00

Please visit www.caciwc.org **and click on "Support CACIWC" for additional information**

CONTACT INFORMATION:

Commission/Organization/Individual Name: _____

City/Town: _____ # of copies of *The Habitat* requested: _____

Address: _____

Phone: _____ email (required): _____

Chairperson's Name: _____ email: _____

Staff Person's Name: _____ Phone/email: _____ / _____

***NOTE:** If membership payment is for two commissions please complete the following.*

Name of 2nd Commission: _____ # of copies of *The Habitat* requested: _____

Address: _____

Phone: _____ email (required): _____

Chairperson's Name: _____ email: _____

Staff Person's Name: _____ Phone/email: _____ / _____

Please make checks payable to: CACIWC

BRISTOL BOARD OF EDUCATION
P.O. Box 450 • 129 Church Street
BRISTOL, CT 06011- 0450
(860) 584-7000 • Fax (860) 584-7611

DATE: August 31, 2017

TO: All Parents, Guardians, and Staff Members

FROM: Peter Fusco
Director of Facilities

RE: INTEGRATED PEST MANAGEMENT POLICY

The Bristol Board of Education has adopted an Integrated Pest Management Policy regarding pesticide use in the Bristol Public Schools.

The school district will incorporate Integrated Pest Management procedures (IPM) to manage structural and landscape pests and the toxic chemicals for their control in order to alleviate pest problems with the least possible hazard to people, property and the environment.

Parents/guardians and staff who desire prior notification of every pesticide application should register a request in writing with their school office at the beginning of the school year or when their child is registered.

The school will post a copy of the Pesticide Application Plan at least 24 hours prior to any pesticide application.

Copies of the adopted Board Policy regarding Integrated Pest Management will be available in each school office.

Any questions regarding this policy may be directed to my attention by calling 584-7097.

Business/Non-Instructional Operations

Hazardous Materials in Schools

Pest Management/Pesticide Application

The Board of Education believes that structural and landscape pests can pose significant hazards to people, property and the environment. Pests are living organisms such as plants, animals or microorganisms that interfere with human uses for the school site. Strategies for managing pest populations will be influenced by the pest species and the degree to which that population poses a threat to people, property or the environment. Further, the Board also believes that pesticides can also pose hazards to people, property and the environment. The intent of this policy is to ensure the health and safety of students, teachers, staff and all others using district buildings and grounds.

The goal of this pest management program is to manage pests in order to:

- Reduce any potential human health hazard and/o to protect against significant threat to public safety:
- Prevent loss or damage to school structures or property;
- Prevent pests from spreading in the community or to plant and animal populations beyond the site
- Enhance the quality of life and to provide a safe and healthy learning environment for students, staff and others.

The school district shall incorporate Integrated Pest Management (IPM) procedures to manage structural and landscape pests and the toxic chemicals for their control in order to alleviate pest problems with the least possible hazard to people, property and the environment. In addition, staff, students and the public shall be educated, at least annually, about potential school pest problems and the IPM policies and procedures to be used to achieve the desired pest management objectives. IPM is the coordinated use of pest and environmental information with the available pest control methods to prevent unacceptable levels of pest damage by the most economical means with the least possible hazard.

Business/Non-Instructional Operations

Hazardous Material in School

Pest Management/Pesticide Application (continued)

IPM procedures will determine when to control pests and whether to use mechanical, physical, chemical, cultural or biological means. Chemical controls shall be used as a last resort. The Board establishes that the school district shall use pesticides only after consideration of the full range of alternatives, including no action, based upon an analysis of environmental effects, safety, effectiveness and costs.

Effective July 1, 2000, the district will only employ certified pesticide applicators for any necessary and non-emergency pesticide use in school building or on school grounds. Contractors hired to do this work shall give evidence of appropriate training and certification in the proper use of pesticides. Pest control contractors shall be utilized, when deemed necessary, to inspect for conditions conducive to pest problems and to develop appropriate prevention measures. Pest control contractors will be expected to write recommendations for structural improvements or repairs and housekeeping and sanitation measures required to reduce or prevent recurrence of pest problems.

Whenever it is deemed necessary to use a chemical substance, the school must provide notification to all parents and staff, who have registered for advanced notification in conformity with state statutes. Parents/guardians and staff requesting advanced notification must be notified on the day of such use by any method practicable. Notices shall also ne posted in designated areas at school at least twenty four hours prior to the application.

At the beginning of each school year and at the time a student is registered, parent/guardians shall be informed of the District's pest management policy. Those parents/guardians and staff who register a request shall be notified prior to every pesticide application.

Information regarding pesticides used and areas treated shall be maintained for a period of five years at the school site and available to the public and staff upon request. The district shall establish and maintain accurate records of all chemical use and their location. In addition, records of all pest control actions, including information on indicators of pest activity that can verify the need for action, will be maintained as well.

Pesticide applications shall be limited to non-school hours and when activities are not taking place.

Business/Non-Instructional Operations

Hazardous Materials in Schools

Pest Management/Pesticide Application

In determining when to control pests and whether to use mechanical, physical, chemical, cultural or biological means, the district shall follow the principles of Integrated Pest Management (IPM). The Superintendent or his/her designee shall ensure that the District follows IPM procedures so as to use the most appropriate and least toxic method of control.

Procedures shall include the following:

1. The choice of using a pesticide will be based on a review of all other available opinions and a determination that these options are not acceptable or not feasible. The full range of alternatives, including no action, will be taken

2. Selected non-chemical pest management methods will be used whenever possible to provide the desired control. Cost or staffing considerations alone will not be adequate justification for use of chemical control agents.

3. The pest and the site of infestation shall be carefully identified. Strategies for managing the pest will be influenced by the pest species and whether that species poses a threat to people, property or the environment.

4. When it is determined that a pesticide must be used, the least hazardous material will be chosen and applied in accordance with the EPA registered label directions.

5. Staff, students and parents/guardians shall receive information about the District's IPM policy and procedures and notification of any upcoming pesticide treatments. Notice of upcoming pesticide treatments shall also be posted in areas designated by the Superintendent to his/her designee

6. The following records shall be maintained at each school site:

    a. Records of pesticide use at the site for a period of five years

    b. Pest surveillance data sheets that record the number of pests or other indicators of pest populations that verify the need for treatments.

Business/Non-Instructional Operations

Hazardous Material in School

Pest Management/Pesticide Application (continued)

7. Persons applying pesticides shall be licensed applicators by the State of Connecticut in the principles and practices of IPM.

8. Sanitary measures shall be enforced and buildings regularly cleaned and repaired in order to prevent infestations, minimize the use of pesticides, and eliminate routine spraying.

9. An emergency application of pesticides is defined as when an application of pesticides is necessary to eliminate an immediate threat to human health and where it is impractical obtain the services of a certified pesticide applicator provided such an emergency application does not involve a restricted use pesticide as defined in CGS 22a-47. Restricted use pesticides may be used only by certified applicators or under their direct supervision. *(Note*: *Restricted use pesticides, classified by the Federal Environmental Protection Agency or the DEP are those which may present a hazard to the applicator or the other people by reason of the acute dermal or inhalation toxicity or which may have an unreasonable adverse effect on the environment.)*

10. On or after July 1, 2000, at the beginning of each school year, by the Board of Education shall provide the staff of each school and the parents/guardians of each child enrolled in each school with written guidelines on how the IPM plan is to be implemented and shall provide the parents or guardians of each child enrolled in each school with a statement that shall include a summary of the IPM plan for the school. Such statements and descriptions shall also be provided to the parents/guardians of any child who transfers to a school during the school year.

11. The aforementioned required statement shall indicate to staff, parents, and guardians that they may register for prior notice of school pesticide applications. Further, the emergency notification procedures to be used will be described.

12. On or after July 1, 2000, parents/guardians and staff may register for prior notice of pesticide applications. Each school shall maintain a registry of persons requesting such notice. Prior to the application of pesticides within any building or on school grounds, persons who have registered for prior notice shall be notified by any means practicable on or before the day that any application of pesticide is to take place at a school.

Business/Non-Instructional Operations

Hazardous Material in School

Pest Management/Pesticide Application (continued)

13. The aforementioned notice shall include the (1) name of the active ingredient of the pesticide to be applied, (2) location of the application, (3) date of application, (4) the name of the school administrator or his/her designee who may be contacted for further information.

14. No application of pesticide after July 1, 2000, m,ay be made in any building or on school grounds during regular school hours or during planned activities at the school except for an emergency application.

15. If an emergency application is necessary to eliminate threat to human health, such application shall not involve a restricted use pesticide and no child may enter the area of such application until it is safe to do so according to the provisions on the pesticide label.

16. In cases of an emergency application, effective July 1, 2000, prior notice is not necessary except that on or before the day the application is to take place, prior notice is given to those persons who have previously requested such notice.

Business/Non-Instructional Operations

Hazardous Material in School

Pest Management/Pesticide Application (continued)

Legal Reference: Title 10:

Sec. 10-231a. Pesticide applications at schools:

Sec. 10-231b. Pesticide applications at schools: Authorized applicators. Exception.

Sec. 10-231c. Pesticide applications at schools without an integrated pest management plan.

Sec. 10-231d. Pesticide applications at schools with an integrated pest management plan.

3524.1
FORM

PESTICIDE APPLICATION PLAN

Date of planned application: _____ Day of week: _____
(It is recommended for application to occur on a weekend or during a vacation period.)

Which pesticide(s) will be used? (Attach MSDSA if available)

_____

_____

_____

(Choose for safety and effectiveness.)

Location/size of area(s) to be treated:

_____

_____

_____

Who will do the pest control? (circle one) Staff Contractor

Name(s): _____

License number(s): _____

Firm (if applicable): _____

For interior treatment:

Does the building have active ventilation that can be left on after the application? _____

If not, who is responsible for opening windows at least six (6) hours before the staff and students reenter? _____

For all applications:

Who will post the building or treated grounds with (1) date of application; (2) pesticide used; and (3) when the area can be used again? _____

Will pesticides be stored on school grounds? _____Yes _____No

If "YES" where: _____

(Read label carefully!)

Keep all pesticides locked up and away from occupied areas.

Approved by school/district administrator: _____Date: _____

School nurse _____ informed _____

Other(s) _____ informed _____

DATE: September 9, 2019

TO: Nancy Levesque, P.E., City Engineer
Ray Rogozinski, P.E., Director of Public Works

FROM: Carol Noble, P.E., Environmental Engineer

RE: Trust Pond Inventory Report

PURPOSE: The Trust pond inventory report identifies an inspection maintenance status table for each pond. For the site vegetation maintenance status, the Vegetation column of the inspection table refers to a legend identifying a "V" (Vegetation control to be scheduled) and "AV" (Aquatic vegetation control to be schedule). The following summary is prepared to clarify those tasks. These maintenance descriptions are adapted and summarized from "Stormwater Wet Pond and Wetland Management Guidebook", EPA 833-B-09-001, February 2009 (portions attached)

Dry retention areas:

- Dry ponds include Huntington, Tyler Way (upper pond), Intervale Road, Cricket Hill, Empire Way, Warner Street, Bird Road, and Middle Street
- Mow (to height of 4"-8" depending on conditions) and remove litter.
- De-thatch swale bottoms and remove thatching.
- Remove excessive sediments and stabilize eroded area(s) and disturbed area(s).

Wet ponds:

- For wet ponds with open water areas (Hart Street, Brandon Run, Tiffany Lane, and Business Park Drive): Where wet systems vegetation exceeds 50% of the open water area, vegetation should be removed. Coordinate harvesting with wetland professional. Where vegetation is established along the perimeter of the open water ponds, a 10' unmowed vegetated buffer around the pond perimeter acts to filter pollutants and control erosion. Trim and/or maintain this vegetated buffer. Provide structure maintenance area(s) and pond access area(s) within the perimeter buffer area.
- For shallow vegetated ponds with little to no open water (These systems include Partridge Run, Medford Street, and Belgian Circle): Remove vegetation/mow to height of 6"-8" and remove litter. Coordinate invasive species removal with wetland scientist. Remove excessive sediments and stabilize eroded area(s) and disturbed area(s).

Mitigation Areas:

- For wet ponds or shallow wet ponds identified with mitigation plantings: (Sunnydale, Fox Hollow East, Fox Hollow West, Witches Rock Road (Woodbridge), Old Orchard Road (Woodbridge), Margaret Way,Valmore Road and SE Business Park Drive mitigation area): Coordinate vegetation maintenance and invasive species removal with wetland scientist.

Storm Water Control Trust September 2019
Inventory Report Memo

All stormwater systems:

- Remove excessive sediments and stabilize eroded area(s) or disturbed area(s).
- Remove woody vegetation in riprap areas and pond inlets and outlets
- Remove litter
- Avoid herbicides; however if they are deemed necessary, they must be applied by state licensed herbicide applicator.
- Identify invasive species and coordinate according to wetland scientist and CT Invasive Guidelines.

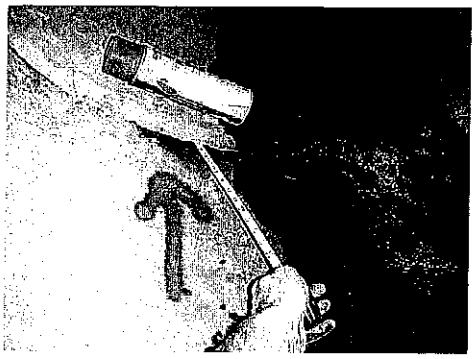


Figure 2.3: Marking pipe joint separation

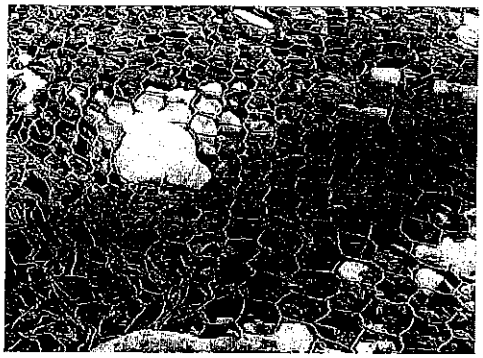


Figure 2.4: Marking a hole in gabion fabric

Routine Maintenance

In addition to routine inspection, routine maintenance needs to be performed to maintain the function of the control structure. Runoff treatment controls require specific maintenance activities at varying schedules. The cost and time commitment should be planned for all maintenance activities delegated to a responsible party, regardless of whether it is a contractor, local municipality, or community stakeholder. Table 2.3 describes maintenance activities, and schedules for several categories of stormwater management strategies.

Table 2.3: Maintenance Activities and Schedules

Category	Management Practice	Maintenance Activity	Schedule
Ponds	Extended detention ponds, wet ponds, multiple pond systems, "pocket" ponds	– Cleaning and removing debris after major storm events (>2" rainfall) – Harvesting of vegetation when a 50% reduction in the original open water surface area occurs – Repairing embankment and side slopes – Repairing control structure	Annual or as needed
		– Removing accumulated sediment from forebays or sediment storage areas when 60% of the original volume has been lost	5-year cycle
		– Removing accumulated sediment from main cells of pond once 50% of the original volume has been lost	20-year cycle

Table 2.3: Maintenance Activities and Schedules

Category	Management Practice	Maintenance Activity	Schedule
Wetlands	Shallow wetlands, pond wetlands, "pocket" wetlands	– Cleaning and removing debris after major storm events (>2" rainfall) – Harvesting of vegetation when a 50% reduction in the original open water surface area occurs – Repairing embankment and side slopes – Repairing control structure	Annual or as needed
		– Removing accumulated sediment from forebays or sediment storage areas when 60% of the original volume has been lost	5-year cycle
		– Removing accumulated sediment from main cells of pond once 50% of the original volume has been lost	20-year cycle
Infiltration practices	Infiltration trench	– Removing accumulated sediment from forebays or sediment storage areas when 60% of the original volume has been lost	5-year cycle
		– Removing accumulated sediment from main cells of pond once 50% of the original volume has been lost	20-year cycle
	Infiltration basin	– Cleaning and removing debris after major storm events; (>2" rainfall) – Mowing and maintenance of upland vegetated areas – Cleaning out sediment	Annual or as needed
		– Removing accumulated sediment from forebays or sediment storage areas when 50% of the original volume has been reduced	3- to 5-year cycle
Open channel practices	Dry swales, grassed channels, biofilters	– Mowing and litter/debris removal – Stabilizing eroded side slopes and bottom – Managing the use of nutrients and pesticides – Dethatching the bottom of the swale and removing thatching – Disking or aeration of swale bottom	Annual or as needed

Table 2.3: Maintenance Activities and Schedules

Category	Management Practice	Maintenance Activity	Schedule
		– Scraping of swale bottom, and removal of sediment to restore original cross-section and infiltration rate – Seeding or installing sod to restore ground cover (use proper erosion and sediment control)	5-year cycle
Filtration practices	Sand filters	– Removing trash and debris from control openings – Repairing leaks from the sedimentation chamber or deterioration of structural components – Removing the top few inches of sand, and cultivation of the surface, when filter bed is clogged	Annual or as needed
		– Cleaning out the accumulated sediment from filter bed chamber once depth exceeds approximately ½ inch, or when the filter layer will no longer draw down within 24 hours – Cleaning out the accumulated sediment from sedimentation chamber once depth exceeds 12 inches	3- to 5-year cycle
	Bioretention	– Repairing eroded areas – Mulching of void areas – Removing and replacing all dead and diseased vegetation – Watering of plant material	Biannual or as needed
		– Removing mulch and applying a new layer	Annual
	Filter strips	– Mowing and removing litter/debris – Managing the use of nutrients and pesticides – Aerating the soil on the filter strip – Repairing eroded or sparse grass areas	Annual or as needed

M-4 Vegetation Management

Problems to Inspect For

Vegetation management is the most frequent type of maintenance conducted on stormwater ponds and wetlands. In most instances, vegetation management is straightforward and does not require special expertise or equipment. However, if facilities have gone long periods of time without proper vegetation maintenance, then the level of effort and complexity of the activity can become significant.

Telltale signs of vegetative problems include the following:

- Standing water and emergent plant growth where none should be present
- Poor or spotty grass growth or completely bare areas (Figure M4.1)
- Soggy surfaces
- Excessive sedimentation at pond inlets or outfalls with corresponding emergent plant growth (Figure M4.2)
- Limited visibility or access to the principal spillway or embankment areas due to vegetation
- Deep-rooted woody vegetation (trees and shrubs) on any areas of a dam
- Woody vegetation growing in riprap on slope areas meant for erosion protection
- Signs of seepage around any tree stumps or decaying root systems on embankment areas
- Changes in vegetative color, species or height due to possible groundwater or seepage problems
- Areas where local residents have been dumping yard waste
- Pond embankments with newly planted ornamental trees or shrubs not originally included in the design
- Damaged or torn erosion control matting (ECM)
- Ruts or erosion channels in vegetated swales or level spillways
- Tree or shrub growth in or around major pond appurtenances such as the principal spillway
- Monoculture vegetation in wetland

Figure M4.1: Bare soils on embankment and slopes.

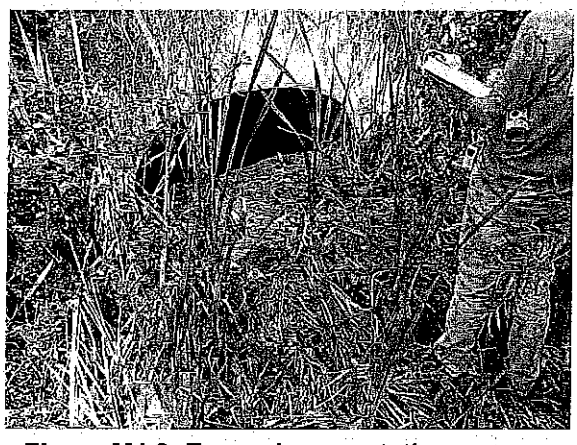


Figure M4.2: Excessive vegetation near an outfall.

Corrective Actions

The following describe specific activities associated with maintaining the vegetation in and around stormwater ponds and wetlands as well as the recommended skill level of the person performing the maintenance in parentheses (reference Table 2.4):

Grass and Turf
Consistent mowing and monitoring should control any unwanted vegetation. Typical mowing areas include pond bottoms (dry ponds), embankments, side slopes, perimeter areas, and access areas (Figure M4.3). The actual mowing requirements of an area should be tailored to the specific condition and grass type. Other actions to maintain grassed areas include de-thatching, soil conditioning, re-seeding, and periodic fertilization as necessary.

Figure M4.3: Representative mowing for wetland.

Most grass is hardiest when maintained as an upland meadow, cut no shorter than 6 to 8 inches. If a more manicured look is desired, special attention to the health of the turf is needed. Grass should not be cut below 4 inches. Typical mowing schedules for grass on embankments are at least twice during both the spring and fall growing seasons and once during the summer. Recommended skill level (0).

Vegetated Buffer
A 10-foot unmowed vegetated buffer around the perimeter of the pond or wetland (exclusive of the dam embankment) may be established to filter pollutants from adjacent properties and help prevent shoreline erosion (Figure M4.4). Areas set aside for pond access such as fishing can be secured with stone, timber wall or one of many commercially available plastic retaining wall products. Recommended skill level (0).

Figure M4.4: Vegetated buffer.

Vegetation Harvesting
In stormwater wetlands, vegetation harvesting[1] may be required. To perform wetland harvesting, selected plant materials are tagged for removal by a qualified professional, then cut and hauled to a disposal location. Recommended skill level (1 - 2).

[1] Vegetation harvesting is removing vegetation on a routine basis and land applying it in an upland location. The purpose for vegetation harvesting is to remove plant material before winter die-off to prevent nutrients from reentering the water column and being flushed downstream.

Bare areas
Vegetation can be established by any of five methods: mulching; allowing volunteer vegetation to become established; planting nursery vegetation; planting underground dormant parts of a plant; and seeding. Seeding can come in the form of broad-cast seeding, hydro-seeding or sodding. Donor soils from existing wetlands can be used to establish vegetation within a wetland. If the soil has become compacted, it will require aeration. Areas without grass or vegetation should be vigorously raked, backfilled if needed, and covered with topsoil. Disturbed areas should be seeded and mulched if necessary. A tall fescue grass seed is often recommended; however consult the local Natural Resources Conservation Service (NRCS) office for the best native mixes for the project location. Recommended skill level (0).

Bare or monoculture stormwater pond and wetland slopes and bottoms offer the best opportunities to enhance areas with native trees, shrubs, and groundcovers to help the water soak into the ground. Select species that need little fertilizer or pest control and are adapted to specific site conditions. Again, contact your local NRCS office for guidance.

Unwanted vegetation
Some vegetation, such as that on embankments (Figure M4.5), requires complete removal, including root masses, to ensure that it does not return; this is often best done with landscaping Brush Hogs™ or small earthmoving equipment. Stump removal may also require tractor and chain. The removal of large trees may require the skills of a professional arborist. The use of herbicides should be avoided; however if deemed necessary, they must be applied by a state-licensed herbicide applicator. Recommended skill level range (0 - 2).

Figure M4.5: Unwanted vegetation - tree on embankment.

Root removal
Roots should be removed in the designated sections where root intrusion is a problem. To remove roots from a pipe, use mechanical devices such as rodding machines, bucket machines, and winches using root cutters and 'porcupines' or equipment such as high-velocity jet cleaners. Chemical root treatment is available but discouraged and herbicides must be applied by licensed applicators.

Roots should be removed from the embankment to prevent their decomposition within the embankment. Excavate to remove roots, then plug or cap root voids. Recommended skill level (2).

Dumping areas
Grass clippings, leaves, soil and trash are often dumped directly into storm drain inlets or stormwater ponds and wetlands. Any of these items can lead to clogging, and leaves and grass clippings release bacteria, oxygen consuming materials, and nutrients. Removal is easy assuming a suitable disposal area or trash pickup location is available. Posting signage explaining the importance of not dumping will help dissuade the good intentioned. Signage may also advise natural lawn care to minimize the use of chemicals and pesticides. Recommended skill level (0).

Inadequate drainage slopes
To promote proper conveyance and to prevent standing water, conveyances to and from ponds and wetlands should have a minimum slope of one to two percent. Inadequate slopes typically result in the conveyances filling with sediment and vegetation (Figure M4.6). Removal of muck and vegetation from

conveyances can be accomplished with small equipment. See Section M-5 – Dredging and Muck Removal. Recommended skill level range (1 - 2).

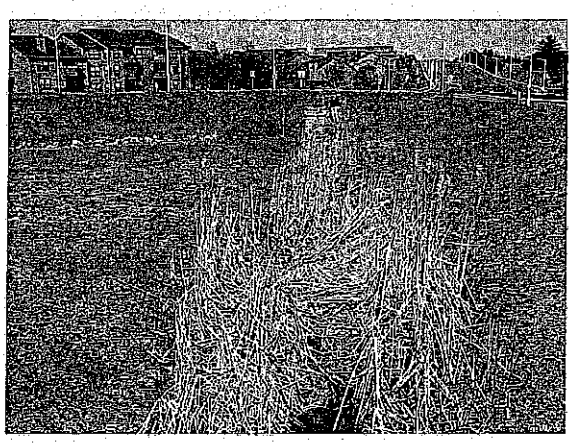


Figure M4.6: Vegetation establishment where the inflow channel slope is inadequate to drain properly.

Cautions and Safety Tips

Although the removal of unwanted vegetation is not a professional skill, it is not without hazards. Possible hazards include cuts and scrapes from the brambles and thorns of species such as Multiflora Rose (*Rosa multiflora*) and Tear Thumb (*Polygonum perfoliatum*). Overgrown vegetation can also obscure ledges, burrows, drop-offs, stumps, and wasp nests.

Department of Public Works | 860.584.6125

DATE: September 6, 2019

TO: Nancy Levesque, P.E., City Engineer
Ray Rogozinski, P.E., Director of Public Works

FROM: Carol Noble, P.E., Environmental Engineer

RE: Storm Water Detention Pond Report – September 2019

The Engineering Department has conducted the second semi-annual 2019 inspections of 22 Stormwater Control Trust stormwater management ponds on July 31, August 7, August 21 and September 5, 2019. The attached report is a summary of the inspection findings for each of the ponds and the status of each of the ponds in regards to the Bristol Storm Water Trust.

Should you have any questions or comments on the report or pond status, please contact Carol Noble at (860) 584-6111.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Contents

City of Bristol

DEPARTMENT OF PUBLIC WORKS

BRISTOL, CONNECTICUT 06010

DETENTION POND INVENTORY REPORT

Trust Ponds

Huntington Woods


Source: Bristol GIS (2016 Aerial)

Location:
The pond is found on the southeastern side of the Huntington Woods Condominium Complex off of Blakeslee Street. (MS4 Basin 4315-00-3-R2)

Tributary Area:
The detention pond takes the flow from portions of Federal Hill before discharging through a control structure located approximately 450' north of the Pequabuck River.

Physical characteristics

- Pond Area: 11,800 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, brush along edges

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Manholes	A	Grass	V	Animals	N/O
Catch basin	NA	Trees	G	Debris	(e)
Pipes	(1)	Brush	A	Erosion	(2), (3)
Inlet condition	(e)			Sink holes	(1)
Outlet structure	A			Trespassing	N/O
Pond condition	A			Other	NA
Fences	(4)				

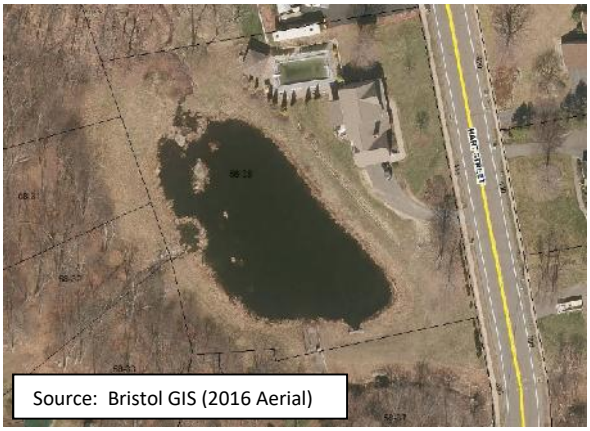
Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Notes:

(1) Pipe replacement is scheduled to be replaced (CIP funded).
(2) Construct riprap spreader swale to eliminate short circuiting
(3) Grade and remove sediments and excessive millings


(4) Repair damaged fence along east side

Eastview Farms (Hart Street)



Location:
The pond is found on the western side of Hart Street just north of Larkspur Lane and south of the Burlington town line (MS4 Basin 4314-08-1-L1).

Tributary Area:
The detention pond takes runoff from Larkspur Lane, the area around Southdown Lane, and from a small area north of the Burlington town line. Overflow is through a control structure to Polkville Brook, approximately 3 miles north of the confluence with Coppermine Brook.

Physical characteristics:

- Pond Area: 78,000 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.

Inspection Date: August 7, 2019

Structures	Vegetation	Site Conditions
Pipes _____ G	Grass _____ A	Animals_____ N/O
Inlet condition_____ (e)	Trees _____ (1)	Debris _____ M
Outfall condition _____ A	Brush_____ na	Erosion _____ N/O
Overflow _____ A		Sink holes _____ N/O
Fences _____ A		Trespassing_____ N/O
Dam_____ A		Other _____NA
Course pool (n) _____ (e)		
Course pool (w)_____ (e)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Remove downed tree across pond inlet

Photo: Hart Street pond view looking southeast

Rockwood Estates Basin A/North (Brandon Run Pond)

Location:
The pond is north of Brandon Run and west of Corbin Ridge. The access is off of Brandon Run and can also be accessed from Corbin Ridge. (MS4 Basin 6911-00-1)

Source: Bristol GIS (2016 Aerial)

Tributary Area:
The detention pond takes runoff from a portion of Tyler Way and Tiffany Lane, Brandon Run and Corbin Ridge. Discharge goes to Hancock Brook.

Physical characteristics:

- Pond Area: 16,500 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Catch basin	A	Grass	A	Animals	N/O
Inlet condition	(1)	Trees	A	Debris	A
Outfall condition	A	Brush	V	Erosion	N/O
Overflow	A			Sink holes	N/O
Fences	N/A			Trespassing	N/O
Pond condition	A			Other	NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Built-up sediments should be scheduled for removal

Photo: Brandon Run pond view looking north

Rockwood Estates Basin A/South (Tiffany Lane Pond)

Source: Bristol GIS (2016 Aerial)

Location:
The pond is at the western end of Tiffany Lane approximately 300' from end of cul de sac. (MS4 Basin 6911-01-1-L1)

Tributary Area:
The detention pond takes runoff from portions of Tyler Way, Tiffany Lane, and Cameron Drive. Discharge is to stream/wetland system upgradient of Fall Mountain Lake (approx. 0.2 miles from discharge).

Physical characteristics:

- Pond Area: 14,400 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Catch basin	A	Grass	A	Animals	N/O
Inlet condition	A	Trees	A	Debris	N/O
Outfall condition	A	Brush	A	Erosion	N/O
Overflow	A			Sink holes	N/O
Fences	N/A			Trespassing	N/O
Course pool (n)	A			Other	(1)

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Access road to pond is to be graded by DPW Street Division.

Photo: Tiffany Lane pond view looking northeast

Rockwood Estates Basin B (Tyler Way Pond)

Source: Bristol GIS (2016 Aerial)

Location:
The pond is at the western side of Tyler Way adjacent to the sanitary sewer pump station. (MS4 Basin 6911-01-1-L1)

Tributary Area:
The detention pond takes runoff from portions of Tyler Way and Cameron Drive. Discharge from pond is to the wetland system adjacent to Fall Mountain Lake.

Physical characteristics:

- Pond Area: 11,200 SF
- Typical Conditions: Dry bottomed pond, grass field conditions

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Catch basin	A	Grass	A	Animals	N/O
Inlet condition	(1)	Trees	V	Debris	A
Outfall condition	A	Brush	V	Erosion	N/O
Overflow	A			Sink holes	N/O
Fences	A			Trespassing	N/O
Berm	A			Other	N/A

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Remove tree at pond inlet
(2) Schedule vegetation maintenance

Photo: Tyler Way pond basin, looking southwest

Intervale Road Pond

Location:
The pond is behind of #44 Intervale Road in an easement north of the house.

Tributary Area:
The detention pond takes runoff from portions of Cricket Hill Road and Intervale Road. (MS4 Basin 4314-06-2-R1)

Physical characteristics:

- Pond Area: 25,355 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, surrounded by woods. Pond discharges to wetland system of Negro Hill Brook, approximately 2 miles north of confluence with Copper Mine Brook.

Inspection Date: July 31, 2019

Structures		Vegetation		Site Conditions	
Catch basin	A	Grass	G	Animals	N/O
Pipes	A	Trees	NA	Debris	N/O
Inlet condition	G	Brush	G	Erosion	N/O
Outfall condition	G			Sink holes	N/O
Overflow	G			Trespassing	N/O
Fences	(1)			Other	NA
Berm	G				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Southern side of fence is breached.

Photo: Intervale Road pond basin, looking east

Cricket Hill Road Pond

Location:
The pond is at the intersection of Cricket Hill Road and Shrub in an easement south of the house. (MS4 Basin 4314-08-1-L1)

Tributary Area:
The subsurface detention area takes runoff from portions of Cricket Hill Road. System discharges to Burlington Avenue outfall to Polkville Brook, approximately 2.5 miles north of confluence with Coppermine Brook.

Physical characteristics:

- Pond Area: n/a
- Typical Conditions: Subsurface detention facility. Looks like a grass field on the surface.

Inspection Date: July 31, 2019

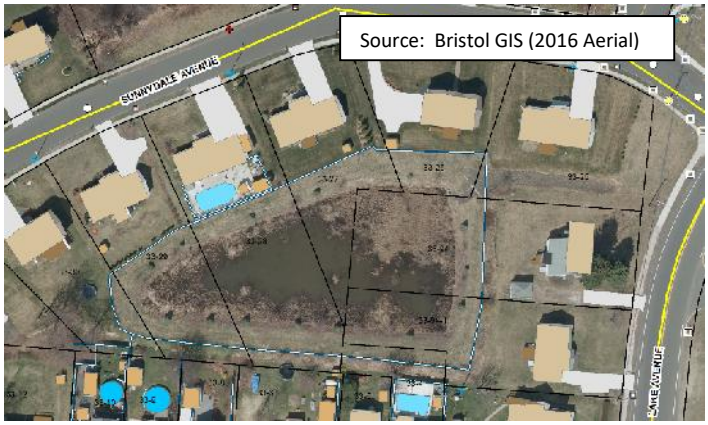
Structures	Vegetation	Site Conditions
Catch basin _____ Vac(1)	Grass _____ A	Animals _____ N/O
Pipes _____ A	Trees _____ A	Debris _____ N/O
Inlet condition _____ G	Brush _____ NA	Erosion _____ N/O
Infiltration _____ A		Sink holes _____ N/O
Overflow _____ A		Trespassing _____ N/O
		Other _____ NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Notes:
(1) Vac Cricket Hill catch basin

Photo: Cricket Hill detention area, looking west

Sunnydale Subdivision Pond



Location:
The pond is on south of the northern tip of Sunnydale Avenue behind houses 272 to 316. (MS4 Basin 4315-10-1-L1)

Tributary Area:
The detention pond takes runoff from Sunnydale Avenue. Overflow is to the Lake Ave. storm drain, which discharges through a wetland system, ultimately to 8-Mile River.

Physical characteristics:

- Pond Area: 39,200 SF
- Typical Conditions: Wet bottom pond, wetlands mitigation in the center of the pond, targeted bushes and trees along the edges for wildlife. The area also includes the wet meadow wetlands mitigation area to the north of the pond opposite #292 Sunnydale Avenue.

Inspection Date: September 5, 2019

Structures	Vegetation	Site Conditions
Sed. chamber _____ A	Grass _____ V	Animals_____ N/O
Inlets condition _____ A	Trees _____ G	Debris _____ (e)
Outfall Condition_____ A	Brush _____ V	Erosion _____ N/O
Overflow _____ A	Aquatic Vegetation __ AV(1)	Sink holes _____ N/O
Fences _____ A		Trespassing_____ N/O
Berms _____ A		Other _____NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: Sunnydale detention area, looking east

Partridge Run Pond

Location:
The pond is east of Partridge Run behind #95 Partridge Run. Access between #83 & #95. (MS4 Basin 4314-08-1-L1)

Tributary Area:
The detention pond takes runoff from Partridge Run.

Physical characteristics:

- Pond Area: 4,600 SF
- Typical Conditions: Wet bottom pond, surrounded by woods and a conservation easement. A sediment chamber helps protect the inlet to the pond.

Inspection Date: July 31, 2019

Structures		Vegetation		Site Conditions	
Sed. chamber	(e)	Grass	G	Animals	N/O
Catch basin	A	Wetland plants	AV(1)	Debris	N/O
Manhole	A	Trees	A	Erosion	N/O
Inlet Condition	A	Brush	G	Sink holes	N/O
Outfall Condition	G			Trespassing	N/O
Berms	G			Other	N/A

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule Aquatic Vegetation Control

Photo: Partridge Run pond basin, looking east

Fox Hollow Lane – Western Pond

Location:
The pond is south of Fox Hollow Lane behind #84 & #100. A stabilized access to the pond is between the two houses. (MS4 Basin 4314-08-1-L1)

Tributary Area:
The detention pond takes runoff from the western portion of Fox Hollow Lane and the southern-most portion of Partridge Lane. It discharges through a combination of open and closed conveyance system for approx. 0.7 miles to Polkville Brook, then another 2 miles to Coppermine Brook.

Physical characteristics:

- Pond Area: 4,800 SF
- Typical Conditions: Dry bottomed pond, minor ponding in base, surrounded by woods and a conservation easement. A sediment chamber at the road helps protect the inlet to the pond. Wetlands mitigation (wet meadow) at base of the pond,.

Inspection Date: July 31, 2019

Structures		Vegetation		Site Conditions	
Sed. chamber	A	Grass	G	Animals	N/O
Catch basin	A	Wetland plants	AV (1)	Debris	N/O
Inlet Condition	G	Trees	A	Erosion	N/O
Outfall Condition	G	Brush	G	Sink holes	N/O
Overflow	G			Trespassing	N/O
Fences	G			Other	NA
Berm	G				
Riprap	G				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: Fox Hollow West basin area, looking west

Fox Hollow Lane – Eastern Pond

Location:
The pond is at the eastern dead end of Fox Hollow Lane. (MS4 Basin 4314-08-1-L1)

Tributary Area:
The detention pond takes runoff from the eastern portions of Fox Hollow Lane and Fisher Ridge.

Physical characteristics:

- Pond Area: 12,600 SF
- Typical Conditions: Dry bottomed pond, with minor ponding in center, surrounded by woods and a conservation easement. A sediment chamber helps protect the inlet to the pond. Wetlands mitigation at base of the pond, wet meadow. Discharge is to Polkville Brook tributary.

Inspection Date: July 31, 2019

Structures	Vegetation	Site Conditions
Sed. chamber _____ (e)	Grass _____G	Animals_____ N/O
Catch basin _____ A	Wetland plants _____ AV(1)	Debris _____ N/O
Inlet Condition _____ A	Trees _____A	Erosion _____ N/O
Outfall Condition_____ G	Brush _____G	Sink holes _____ N/O
Overflow _____ G		Trespassing_____ N/O
Fences _____ G		Other _____NA
Berm _____ G		
Riprap _____ G		
Course pool_____ G		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance.

Photo: Fox Hollow East basin area, looking north

Empire Way Pond

Location:
The pond is on the west side of Empire Way southwest of the dead end on lot 15, house number 136. (MS4 Basin 4315-05-1-L1)

Tributary Area:
The detention pond takes runoff from the southern portion of Empire Way. Discharge is through adjacent conservation area to Birge Pond.

Physical characteristics:

- Pond Area: 2,100 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, surrounded by woods to the south.

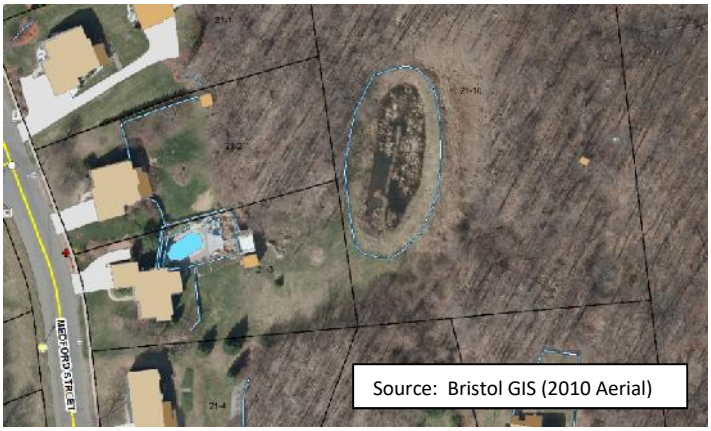
Inspection Date: August 7, 2019

Structures		Vegetation		Site Conditions	
Catch basin	A	Grass	A	Animals	N/O
Inlet Condition	A	Trees	A	Debris	N/O
Outfall Condition	A	Brush	A	Erosion	N/O
Overflow	A			Sink holes	N/O
Fences	NA			Trespassing	N/O
Riprap	A			Other	NA
Course pool	A				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Photo: Empire Way basin area, looking west

Medford Street Pond



Location:
The pond is on the east side of Medford Street (below #112) and northwest of Haig Avenue. (MS4 Basin 4314-10-1)

Tributary Area:
The detention pond takes runoff from Medford Street, and the eastern portions of Tufts and Fairfield Streets. Discharge is through MS4 and ditch system approximately 2 miles to Coppermine, just north of confluence with Pequabuck River.

Physical characteristics:

- Pond Area: 4,600 SF
- Typical Conditions: Wet bottomed pond, grass field berm conditions, surrounded by woods.

Inspection Date: September 5, 2019

Structures	Vegetation	Site Conditions
Catch basin _____ A	Grass _____A	Animals_____ N/O
Inlet Condition _____ (e)	Wetland plants _____ AV(1)	Debris _____ N/O
Outfall Condition_____ (e)	Trees _____A	Erosion _____ N/O
Overflow _____ (e)	Brush _____G	Sink holes _____ N/O
Fences _____ A		Trespassing_____ N/O
Berms _____ (e)		Other _____NA
Riprap _____ (e)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: Medford St pond basin looking north

Warner Street Pond

Location:
The pond is on the west side of Warner Street at the intersection of Wildewood Run. (MS4 Basin 4314-08-1-L2)

Tributary Area:
The detention pond takes runoff from Wilderness Way and some of the house lots on Warner Street. Discharge is to Polkville Brook, approx. 1 mile upstream of confluence with Coppermine.

Physical characteristics:

- Pond Area: 21,800 SF
- Typical Conditions: Dry bottomed infiltration pond.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Catch basin _____	A	Grass _____	A	Animals_____	N/O
Inlet Condition _____	A	Brush _____	A	Debris _____	N/O
Outfall Condition_____	A			Erosion _____	N/O
Overflow _____	A			Sink holes _____	N/O
Berms _____	A			Trespassing_____	N/O
Riprap _____	A			Other _____	NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Photo: Warner St pond basin looking northwest

Belgian Circle Pond

Location:
The pond is east of the dead end of Belgian Circle, east of #89. (MS4 Basin 4314-08-1-L1)


Source: Bristol GIS (2016 Aerial)

Tributary Area:
The detention pond takes runoff Belgian Circle. Pond overflows to a drainage ditch which is piped offsite to the Hart Street stormdrain system.

Physical characteristics:

- Pond Area: 31,000 SF
- Typical Conditions: Wet bottom pond, a conservation easement to the south. A sediment chamber helps protect the inlet to the pond.

Inspection Date: August 7, 2019

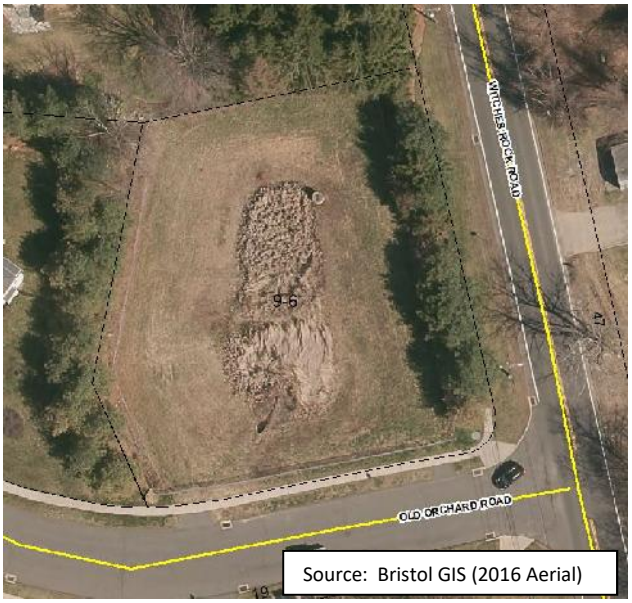
Structures	Vegetation	Site Conditions
Sediment Chamber _____ A	Grass _____A	Animals_____ N/O
Catch basin _____ A	Wetland Plans _____ AV(2)	Debris _____ (e)
Inlet Condition _____ V(1)	Trees _____A	Erosion _____ N/O
Outfall Condition_____ (e)	Brush _____V(2)	Sink holes _____ N/O
Overflow _____ V(1)		Trespassing_____ N/O
Berms _____ A		Other _____NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Vegetation needs trimming
(2) Some brush removal/aquatic vegetation maintenance needed

Photo: Belgian Circle pond basin looking north

Woodbridge Estates – Witches Rock Road Pond



Location:
The pond is on the northwest side of intersection of Old Orchard Road and Witches Rock Road. (MS4 Basin 4315-04-1)

Tributary Area:
The detention pond takes runoff from Old Orchard Road. Pond discharges east to Witches Rock storm drain system and on to South Mountain Brook and Pequabuck River.

Physical characteristics:

- Pond Area: 12,300 SF
- Typical Conditions: Wet meadow bottom, wetlands plantings at the bottom of the pond. Only minor ponding on the base.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Sediment Chamber	A	Grass	V	Animals	N/O
Catch basin	A	Wetland Plans	AV	Debris	N/O
Inlet Condition	A	Trees	(1)	Erosion	N/O
Outfall Condition	A	Brush	A	Sink holes	N/O
Overflow	A			Trespassing	N/O
Berms	A			Other	N/A
Fences	A				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Remove tree at pond inlet

Photo: Old Orchard/Witches Rock pond basin looking northeast

Woodbridge Estates – Old Orchard Road Pond

Location:
The pond is on the west side of Old Orchard Road south of High Ridge Run. (MS4 Basin 6911-00-1)

Tributary Area:
The detention pond takes runoff from Old Orchard Road and a portion of High Ridge Run. The pond discharge is west to the adjacent stream/wetland system to Hancock Brook.

Physical characteristics:

- Pond Area: 15,200 SF
- Typical Conditions: Wet meadow bottomed pond, wetlands plantings in base of pond, surrounded by woods to the east.

Inspection Date: September 5, 2019

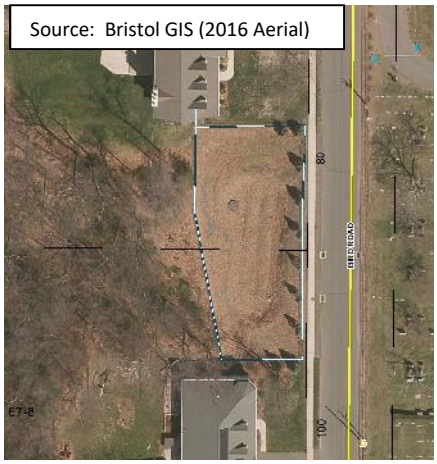
Structures		Vegetation		Site Conditions	
Sediment Chamber	A	Grass	A	Animals	N/O
Catch basin	A	Wetland Plans	AV(1)	Debris	N/O
Inlet Condition	A	Trees	A	Erosion	N/O
Outfall Condition	A	Brush	A	Sink holes	N/O
Overflow	A			Trespassing	N/O
Berms	A			Other	N/A
Fences	A				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: Old Orchard/Witches Rock pond basin looking south

Bird Road Pond



Location:
The pond is on the west side of Bird Road between houses #80 and #100. (MS4 Basin 4315-00-2-L7)

Tributary Area:
The detention pond takes overflow runoff from the northern improved portion of Bird Road. The drainage system is an infiltration system (main pipes are perforated). The pond discharges to the west to an open channel conveyance, approx. 0.5 miles north of Pequabuck River.

Physical characteristics:

- Pond Area: 2,100 SF
- Typical Conditions: Dry bottomed pond, grass field infiltration base, surrounded by a conservation easement and woods to the west.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Catch basin _____	A	Grass _____	A	Animals_____	N/O
Inlet Condition _____	A	Trees _____	A	Debris _____	N/O
Outfall Condition_____	A	Brush _____	A	Erosion _____	N/O
Overflow _____	A			Sink holes _____	N/O
Berms _____	A			Trespassing_____	f/l
Fences _____	A			Other _____	NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Photo: Bird Road pond basin looking north

Margaret Way Pond

Location:
The pond is on the east side of Margaret Way adjacent to house number 23. (MS4 Basin 4315-00-3-R2)

Tributary Area:
The detention pond takes runoff from the Margaret Way basin. Pond discharges through the City's streets storm drain system to the Memorial Boulevard park pond and the Pequabuck River.

Physical characteristics:

- Pond Area: 1,700 SF
- Typical Conditions: Wet bottomed pond, wetlands planting in the base of the pond. Center is ridged to provide longer flow path.

Inspection Date: September 5, 2019

Structures	Vegetation	Site Conditions
Catch basin _____ A	Grass _____ A	Animals_____ N/O
Inlet Condition _____ A	Trees _____ A	Debris _____ (e)
Pond condition _____ A	Brush _____ AV(1)	Erosion _____ N/O
Outfall Condition_____ A		Sink holes _____ N/O
Overflow _____ A		Trespassing_____ N/O
Berms _____ A		Other _____NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: Margaret Way pond basin looking east

Valmore Road Pond

Location:
The pond is on the southeast side of Valmore Road on lot 45 behind #64. (MS4 Basin 4314-08-1-L2)

Tributary Area:
The detention pond takes runoff from Valmore Road.

Physical characteristics:

- Pond Area: 12,000 SF
- Typical Conditions: Wet bottomed pond, wetlands mitigation base pond. Flood plain mitigation area to the north east of the pond where pond discharges.

Inspection Date: August 21, 2019

Structures	Vegetation	Site Conditions
Sediment Chamber _____ A	Grass _____ A	Animals_____ N/O
Catch basin _____ A	Wetland Plants _____ AV(1)	Debris _____ (e)
Inlet Condition _____ (e)	Trees _____ A	Erosion _____ N/O
Pond condition _____ (e)	Brush _____ V	Sink holes _____ N/O
Outfall Condition_____ (e)		Trespassing_____ N/O
Overflow _____ (e)		Other _____(2)
Berms _____ (e)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance.
(2) NOV sent on adjacent property for woodchips at outfall structure.

Photo: Valmore Road pond basin looking south

Southeast Industrial Business Park: Business Park Drive Pond

Location:
The pond is on the west side of Business Park Drive between lots 9 and 10. (MS4 Basin 4315-10-1-L1)

Source: Bristol GIS (2016 Aerial)

Tributary Area:
The detention pond takes runoff from the eastern portion of Business Park Drive. The system discharges east to an open conveyance approx. 0.5 miles from Pine Lake.

Physical characteristics:

- Pond Area: 51,340 SF
- Typical Conditions: Wet bottomed pond. Wetlands area to the south of the pond in conservation easement.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Sediment Chamber	____ (e)	Grass	_____A	Animals	_____ N/O
Catch basin	_____ A	Wetland Plants	_____AV	Debris	_____ N/O
Inlet Condition	_____ (e)	Trees	_____A	Erosion	_____ N/O
Pond condition	_____ (e)	Brush	_____V	Sink holes	_____ N/O
Outfall Condition	_____ A			Trespassing	_____ N/O
Overflow	_____ A			Other	_____NA
Berms	_____ A				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Schedule aquatic vegetation maintenance

Photo: SE Business Park pond basin looking southwest

Southeast Industrial Business Park: Middle Street Pond


Source: Bristol GIS (2016 Aerial)

Location:
The pond is on the east side of Middle Street, north of Business Park Drive on lot 1. (MS4 Basin 4315-10-1-L1)

Tributary Area:
The detention pond takes runoff from the western portion of Business Park Drive and Woodridge Road.

Physical characteristics:

- Pond Area: 84,000 SF
- Typical Conditions: Dry bottomed infiltration pond. The pond is protected by a sediment chamber for the runoff coming north from Business Park Drive.

Inspection Date: September 5, 2019

Structures		Vegetation		Site Conditions	
Sediment Chamber	A	Grass	V	Animals	burrow
Catch basin	A	Wetland Plants	A	Debris	(M)
Inlet Condition	A	Trees	A	Erosion	N/O
Pond condition	A	Brush	V	Sink holes	N/O
Outfall Condition	A			Trespassing	N/O
Overflow	(1)			Other	NA
Berms	A				

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Maintenance work needed for overflow berm wash-out

Photo: SE Business Park pond looking (1) east and looking (2) west

AGENDA
BRISTOL ZONING COMMISSION
CITY OF BRISTOL

REGULAR MEETING OF WEDNESDAY, JULY 10, 2019
7:00 P.M. – BRISTOL CITY HALL

Pledge of Allegiance

Administrative Matters

1. Approval of Minutes – 5/8 Regular Meeting; 6/12 Regular Meeting; 6/12 Special Meeting; 6/26 Special Meeting

Receipt of New Applications

2. Application #2323 – Special Permit for earth removal at 165 Warner Street; Assessor's Map 55, Lot 49; R-25/OSD (Single-Family Residential/Open Space Development Overlay) zone; Bruce Porrini, applicant.

3. Application #2324 – Proposed amendments to the Zoning Regulations: (1) to define "unified downtown development projects" (Section II.B.); (2) to revise the characteristics of parcels and the minimum/maximum lot size (Section VI.C.10. & 10a.) for Unified Downtown Development Projects (UDDP) in the BD-1 (Downtown Business) zone; (3) to revise the criteria for one-story buildings (Section VI.C.11.b.2. & 3.) and to add requirements for parking on two or more lots (Section VI.C.11.b.5.) to the Allowable Modifications in a Unified Downtown Development Project (UDDP) in the BD-1 (Downtown Business) zone; Bristol Development Authority, applicant.

Public Hearings

4. Application #2319 – Change of Zone from R-10 (Single-Family Residential) zone to BG (General Business) zone at 17 Barbara Rd.; Assessor's Map 53, Lot 34; Jacek Associates, LLC, applicant.

5. Application #2321 – Special Permit for a personal service establishment (licensed massage and skin care business) at 94 West Street; Assessor's Map 29, Lot 123-A; R-15/BT (Single-Family Residential/Downtown/Neighborhood Transition Overlay) zone; Shina Cobbs, applicant.

6. Application #AZR19-2 – Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended; (3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive."

Old Business

New Business

7. Commissioner Appointment Letter

City Planner Report

Election of Officers

Adjournment

REMINDER: The next Special Meeting of the Zoning Commission is Wednesday, July 24, 2019.
The next Regular Meeting of the Zoning Commission is Wednesday, August 14, 2019.

Notice of Hearing
Bristol Zoning Commission

A public hearing will be held by the Bristol Zoning Commission in Bristol City Hall, 111 North Main St., on Wednesday, July 10, 2019, at 7:00 P.M. to hear and consider the following applications:

1. Application #2319 – Change of Zone from R-10 (Single-Family Residential) to BG (General Business) at 17 Barbara Rd.; Assessor's Map 53, Lot 34; Jacek Associates, LLC, applicant.

2. Application #2321 – Special Permit for a personal service establishment (licensed massage and skin care business) at 94 West Street; Assessor's Map 29, Lot 123-A; R-15/BT (Single-Family Residential/Downtown/Neighborhood Transition Overlay) zone; Shina Cobbs, applicant.

3. Application #AZR19-2 – Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended; (3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive."

Interested persons may attend and speak at this public hearing. Written communications may also be submitted prior thereto. Copies of all applications are on file for public inspection in the Land Use Office, Department of Public Works, City Hall, 111 North Main Street, Bristol, CT.

For further information, contact the Bristol Land Use Office at 860-584-6225.

AZR19-2: PROPOSED AMENDMENTS TO THE BRISTOL ZONING REGULATIONS
BRISTOL ZONING COMMISSION
Draft for Public Hearing: 061219

AMENDMENT #1

Section IX.A. [ENVIRONMENTAL AND RELATED REGULATIONS > EROSION AND SEDIMENT CONTROL REGULATIONS]

Existing Text:
2. Basic Requirements – No development the disturbed area of which is cumulatively more than one-half acre in area shall be undertaken in any zoning district unless certification therefor in compliance with the provisions of this Section has first been obtained from the Commission or its designated agent.

Proposed Text:
2. Basic Requirements – No development the disturbed area of which is cumulatively more than one-half acre in area shall be undertaken in any zoning district unless certification therefor in compliance with the provisions of this Section and of Section IX.G. (Stormwater Management) has first been obtained from the Commission or its designated agent.

AMENDMENT #2

Section IX.A. [ENVIRONMENTAL AND RELATED REGULATIONS > EROSION AND SEDIMENT CONTROL REGULATIONS]

Existing Text:
5. Erosion and Sediment Control Plan – A Soil Erosion and Sediment Control Plan (hereinafter referred to as a "Control Plan") shall contain proper provisions to adequately control accelerated erosion and sedimentation and to reduce the danger from storm water runoff on the proposed site based on the best available technology. For methods and practices necessary for certification, the "Connecticut Guidelines for Soil Erosion and Sediment Control (1985)" as amended, published by the Connecticut Council on Soil and Water Conservation shall be utilized. However, alternative principles, methods and practices may be used with the prior approval of the Commission. Said Control Plan shall include, but not be limited to:……

Proposed Text:
5. Erosion and Sediment Control Plan – A Soil Erosion and Sediment Control Plan (hereinafter referred to as a "Control Plan") shall contain proper provisions to adequately control accelerated erosion and sedimentation and to reduce the danger from storm water runoff on the proposed site based on the best available technology. For methods and practices necessary for certification, the "Connecticut Guidelines for Soil Erosion and Sediment Control (2002)" as amended, published by the Connecticut Council on Soil and Water Conservation, as well as the "Connecticut Stormwater Quality Manual (2004)", as may be amended, shall be utilized. However, alternative principles, methods and practices may be used with the prior approval of the Commission. Said Control Plan shall include, but not be limited to:……

AMENDMENT #3:
Section IX. [ENVIRONMENTAL AND RELATED REGULATIONS]

Add New Section:
IX.G. – STORMWATER MANAGEMENT

1. **Purpose and Intent:** this Section of the Regulations is intended to:
    a. minimize degradation of water resources within the City of Bristol from pollution from non-point runoff;

    b. mitigate impacts to the hydrologic system from development, including groundwater recharge and pollutants found in stormwater runoff;

    c. reduce or prevent flooding, stream channel erosion, and /or other negative impacts created by the volume of stormwater runoff resulting from development and;

    d. promote the application of Low Impact Development (LID) strategies for the analysis and design of stormwater treatment systems.

2. **Applicability**
    The provisions of this Section of the Regulations shall apply to any development within the City of Bristol which requires approval of a Site Plan or approval of a Special Permit.

3. **Requirements**
    1. Unless modified by the Commission by Special Permit as provided for in Section 4 below, any development within the City of Bristol shall implement the following provisions of Chapter 7 of the Connecticut Stormwater Quality Manual (2004), as may be amended:

        a. Pollutant Reduction as provided in Section 7.4 of the Connecticut Stormwater Quality Manual (2004), as may be amended.

        b. Groundwater Recharge and Runoff Volume Reduction as provided in Section 7.5 of the Connecticut Stormwater Quality Manual (2004), as may be amended.

        c. Peak Flow Control for the 2-year, 10-year, 25-year, 50-year, and 100-year storm events as provided in in Section 7.6 of the Connecticut Stormwater Quality Manual (2004) (and the LID appendices), as may be amended.

    2. In the design of a stormwater management system, design professionals may utilize low impact development techniques as contained in the Connecticut Stormwater Quality Manual (2004), as may be amended.

4. **Modifications**

The Commission may, by Special Permit, modify the requirements of this Section provided that adequate information has been submitted by the applicant to evaluate the request and:

1. The City Engineer has provided a positive recommendation regarding the modification, or

2. The Commission has received a report from a professional engineer hired by the Commission providing a positive recommendation regarding the modification.

AMENDMENT #4

Section XI.B.2. [SITE PLANS > LANDSCAPING REQUIREMENTS > GENERAL REQUIRMENTS]

Existing Text:
h. Suitable ground cover shall be placed on all disturbed site areas not covered by paving, buildings or mulching for trees and shrubs. Suitable ground cover shall be grass, turf, myrtle, pachysandra, stone, gravel or an appropriate substitute.

Proposed Text:
h. Suitable ground cover shall be placed on all disturbed site areas not covered by paving, buildings or mulching for trees and shrubs. Suitable ground cover shall be grass, turf, stone, gravel or an appropriate substitute. All landscaping shall be done with species that are non-invasive.

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

DATE: June 4, 2019

TO: Bristol Planning Commission

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3a of the Connecticut General Statutes, as amended, and Section XII.E.3.a. of the Bristol Zoning Regulations, the following proposed amendment to the Zoning Regulations is hereby referred to the Planning Commission for a report:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission:
(1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management);
(2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete “myrtle and pachysandra” and add “all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure

Public Works | 860-584-6125

Memorandum

Date: April 1, 2019

To: Robert Flanagan, City Planner
Chris Schaut, Assistant City Planner
Raymond Rogozinski, P.E. Public Works Director

From: Nancy Levesque, P.E., Assistant City Engineer

Re: Zoning Regulations, Proposed Stormwater Revisions

The proposed amendments to the Bristol Zoning Regulations, updating Section IX.A [Environmental and Related Regulations > Erosion and Sediment Control Regulations] to include Section IX.G. (Stormwater Management) and the updated text references, are consistent with the recommendations of NVCOG Local Regulations Assessment and Connecticut Department of Energy and Environmental Protection (CT DEEP) regulatory requirements.

The requirements section of Amendment #3 address three provisions referenced in Chapter 7 (Hydrologic Sizing Criteria for Stormwater Treatment Practices) of the 2004 CT Stormwater Quality Manual; pollutant reduction, groundwater recharge and runoff volume reduction, and peak flow control. The regulatory requirements of each are discussed below:

- Pollution reduction (water quality volume): CT DEEP directs municipalities through the 2017 Connecticut MS4 (Municipal Separate Storm Sewer System) post-construction site stormwater runoff control measures requirements, by July 2019, to establish the use of low impact development ("LID") and runoff reduction site planning requirements to meet or exceed those LID and runoff reduction practices identified in the Stormwater Quality Manual. The benefit of this requirement is to reduce the directly connected impervious areas draining to the City's infrastructure, thereby reducing stormwater infrastructure costs, as well as improving water quality.
- Groundwater recharge and run-off volume reduction: The groundwater recharge volume allows for an infiltration volume to minimize loss of groundwater in post-development conditions, considering the pre- and post-development site characteristics. This volume is considered part of the total water quality volume.

City of Bristol
11 North Main Street
Bristol, CT 06010
www.bristolct.gov

- Peak flow control: The CT Stormwater Quality Manual recommends post-development peak runoff attenuation of the 10-year, 25-year, and 100-year storms to the corresponding pre-development peak discharge rates and suggests the local authority considers additional design storms attenuation for other storm frequencies to be consistent with the CT Department of Transportation and other CT municipalities. This amendment makes the attenuation storm requirements consistent with the City's current wetland regulations.

The proposed amendments address the City's MS4 regulatory requirements and make Bristol's regulations consistent with state and other local ordinance requirements. The Engineering Division supports these proposed amendments.

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

DATE: June 4, 2019

TO: Capital Region Council of Governments (CRCOG)
Regional Planning Commission – Zoning Regulation Referral
Lynn Pike-DiSanto – CRCOG – (via email)

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3b of the Connecticut General Statutes, as amended, the following proposed amendment to the Zoning Regulations is hereby referred to your agency:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission:
(1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management);
(2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure.

CRCOG CAPITOL REGION COUNCIL OF GOVERNMENTS
Working together for a better region.

241 Main Street / Hartford / Connecticut / 06106
Phone (860) 522-2217 / Fax (860) 724-1274
www.crcog.org

June 24, 2019

TO: BRISTOL PLANNING AND ZONING COMMISSION

REPORT ON ZONING REFERRAL Z-2019-65: Proposed zoning amendments pertaining to stormwater, erosion control, and landscaping.

COMMISSIONERS: Receipt is acknowledged of the above-mentioned referral. Notice of this proposal was transmitted to the Policy and Planning Division of the Capitol Region Council of Governments under the provisions of Section 8-3b of the Connecticut General Statutes, as amended.

COMMENT: The staff of the Regional Planning Commission of the Capitol Region Council of Governments has reviewed this zoning referral and finds no apparent conflict with regional plans and policies or the concerns of neighboring towns.

The public hearing date has been scheduled for 7/10/2019.

In accordance with our procedures this letter will constitute final CRCOG action on this referral. Questions concerning this referral should be directed to Caitlin Palmer.

DISTRIBUTION: Planner: Farmington, Plainville, Southington, Naugatuck Valley COG

Respectfully submitted,

Jennifer Bartiss-Earley, Chairman
Regional Planning Commission

Brendan Malone, Vice Chairman
Regional Planning Commission

Caitlin Palmer
Senior Community Development Planner

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

DATE: June 4, 2019

TO: Northwest Hills Council of Governments (NHCOG)
Regional Planning Commission – Zoning Regulation Referral
Jocelyn Ayer – NHCOG – (via email)

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3b of the Connecticut General Statutes, as amended, the following proposed amendment to the Zoning Regulations is hereby referred to your agency:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure.

NHCOG
— Northwest Hills —
Council of Governments

REFERRAL RESPONSE

Initiating Municipality:	City of Bristol	☑ Zoning Regulation/Map Amendment
Date Received:	6/4/19	☐ Subdivision
Public Hearing Date:	7/10/19	☐ Town Plan Update

Neighboring municipalities in NHCOG region: Burlington

Summary of proposed change:

The proposed amendments to the zoning regulations add reference to a new section on Stormwater Management, update the reference to the CT Guidelines for Soil Erosion, and add a reference to the CT Stormwater Quality Manual.

COMMENT: NHCOG staff has reviewed this referral and finds no apparent conflict with regional plans and policies or the known concerns of neighboring towns.

CC: This referral response will be sent to the Land Use Administrator and Chief Elected Official in each of the neighboring towns listed above.

QUESTIONS: Questions concerning this referral should be directed to Jocelyn Ayer, NHCOG.

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

DATE: June 4, 2019

TO: Naugatuck Valley Council of Governments (NVCOG)
Regional Planning Commission – Zoning Regulation Referral
Lauren Rizzo - NVCOG (via email)

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3b of the Connecticut General Statutes, as amended, the following proposed amendment to the Zoning Regulations is hereby referred to your agency:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission:
(1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management);
(2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete “myrtle and pachysandra” and add “all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure

STAFF REFERRAL REPORT

TO: Planning Commission, CEO, and City Planner of Bristol, Capitol Region Council of Governments (CRCOG), Northwest Hills Council of Governments (NHCOG), and Naugatuck Valley Council of Governments (NVCOG) Regional Planning Commission (RPC) representatives

FROM: Joanna B. Rogalski, Regional Planner, NVCOG, 49 Leavenworth Street, Suite 303, Waterbury (203-757-0535)

DATE: July 3, 2019

NVCOG FILE NO.: BRIS-45-060419-Z
MUNICIPALITY: Bristol
DATE RECEIVED: June 4, 2019
TYPE OF REFERRAL: Zoning
APPLICANT: Bristol Zoning Commission (#AZR19-2)

DESCRIPTION OF PROPOSAL:
The City of Bristol Zoning Commission has proposed the following text amendments to the Zoning Regulations:

(1) Section IX.A.2 (Erosion and Sediment Control) - add reference to new Section IX.G (Stormwater Management);
(2) Section IX.A.5 (Erosion and Sediment Control) - update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G (Stormwater Management) inclusive of new Sections IX.G.1 through IX.G.4;
(4) Section XI.B.2.h (Landscaping Requirements) - delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive."

STAFF RECOMMENDATION:
Staff finds the proposed text amendment to be regionally significant and have potential positive inter-municipal impact. The proposed text amendments are in conformity with regional and state policy regarding stormwater management systems and the importance of balancing the need for development with the need to minimize its environmental impacts such as water runoff and soil erosion.

* * * * * * *

This staff recommendation is transmitted as written above unless we receive comments or objections within five days of the time you receive this proposal. If objections cannot be resolved within the scope of the original recommendations, you may submit a reconsideration request to the Regional Planning Commission for further discussion of the findings.

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

DATE: June 4, 2019

TO: Therese Pac – Town and City Clerk - Bristol

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3(d) of the Connecticut General Statutes, as amended, the following proposed amendment to the Zoning Regulations is hereby referred to your office:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure.

City of Bristol

BRISTOL, CONNECTICUT 06010
Zoning Commission

CERTIFIED MAIL

DATE: June 4, 2019

TO: Town Clerk – Burlington
Town Clerk – Farmington
Town Clerk - Plainville
Town Clerk - Plymouth
Town Clerk – Southington
Town Clerk – Wolcott

FROM: Bristol Zoning Commission

Re: Referral of Proposed Amendment to the Zoning Regulations

Pursuant to Section 8-3a of the Connecticut General Statutes, as amended, the following proposed amendment to the Zoning Regulations is hereby referred to your agency:

Application #AZR19-2

Proposal: Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission:
(1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management);
(2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended;
(3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive.

Initiated by: Bristol Zoning Commission

Tentative Hearing Date: July 10, 2019

For questions or additional information, please contact:
Assistant City Planner – Christopher Schaut – City of Bristol Land Use Office at 860-584-6225.

Enclosure.

City of Bristol

BRISTOL, CONNECTICUT 06010

Planning Commission

DATE: June 20, 2019

TO: Bristol Zoning Commission

FROM: Bristol Planning Commission

RE: Application #AZR19-2 – Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended; (3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive."

The Planning Commission, at its Special Meeting of June 19, 2019, voted to recommend approval of the above change of zone application with the following motion:

"To send a positive referral to the Zoning Commission for Application #AZR19-2 – Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2 (Erosion and Sediment Control); (2) Section IX.A.5. (Erosion and Sediment Control); (3) Add new Section IX.G. (Stormwater Management); (4) Section XI.B.2.h. (Landscaping Requirements) because the regulation amendment, as presented, would be consistent with the goals and policies of the 2015 Plan of Conservation and Development, amended to April 1, 2018, and specifically:

1) Section 14.4.8. – Action Steps – Adopt regulations that require consideration of a 'low impact development' approach to stormwater management as part of new development, when appropriate."

Sincerely,

Robert M. Flanagan, AICP
City Planner

Notice of Decisions
Bristol Zoning Commission

At its meeting held on Wednesday, July 10, 2019, the Bristol Zoning Commission considered the following matters and took the following actions:

Receipt of New Applications

1. Application #2323 – Special Permit for earth removal at 165 Warner Street; Assessor's Map 55, Lot 49; R-25/OSD (Single-Family Residential/Open Space Development Overlay) zone; Bruce Porrini, applicant – SCHEDULED PUBLIC HEARING FOR AUGUST 14, 2019.

2. Application #2324 – Proposed amendments to the Zoning Regulations: (1) to define "unified downtown development projects" (Section II.B.); (2) to revise the characteristics of parcels and the minimum/maximum lot size (Section VI.C.10. & 10a.) for Unified Downtown Development Projects (UDDP) in the BD-1 (Downtown Business) zone; (3) to revise the criteria for one-story buildings (Section VI.C.11.b.2. & 3.) and to add requirements for parking on two or more lots (Section VI.C.11.b.5.) to the Allowable Modifications in a Unified Downtown Development Project (UDDP) in the BD-1 (Downtown Business) zone; Bristol Development Authority, applicant – SCHEDULED PUBLIC HEARING FOR AUGUST 14, 2019.

Public Hearings

5. Application #2319 – Change of Zone from R-10 (Single-Family Residential) zone to BG (General Business) zone at 17 Barbara Rd.; Assessor's Map 53, Lot 34; Jacek Associates, LLC, applicant – APPROVED, THE EFFECTIVE DATE OF THE ZONE CHANGE SHALL BE THE DATE ON WHICH A MAP AND DEED MERGING THE LOT AT 17 BARBARA ROAD (ASSESSOR'S MAP 53, LOT 34) WITH THE LOTS AT 5 BARBARA ROAD (ASSESSOR'S MAP 53, LOT 33) AND 797 FARMINGTON AVENUE (ASSESSOR'S MAP 53, LOT 32) IS FILED ON THE CITY LAND RECORDS.

6. Application #2321 – Special Permit for a personal service establishment (licensed massage and skin care business) at 94 West Street; Assessor's Map 29, Lot 123-A; R-15/BT (Single-Family Residential/Downtown/Neighborhood Transition Overlay) zone; Shina Cobbs, applicant – APPROVED.

7. Application #AZR19-2 – Proposed amendments to the Zoning Regulations, initiated by the Bristol Zoning Commission: (1) Section IX.A.2. (Erosion and Sediment Control) – add reference to new Section IX.G. (Stormwater Management); (2) Section IX.A.5. (Erosion and Sediment Control) – update reference to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) as amended; add reference to Connecticut Stormwater Quality Manual (2004) as amended; (3) Add new Section IX.G. (Stormwater Management) inclusive of new Sections IX.G.1. through IX.G.4.; (4) Section XI.B.2.h. (Landscaping Requirements) – delete "myrtle and pachysandra" and add "all landscaping shall be done with species that are non-invasive" – APPROVED, EFFECTIVE AUGUST 5, 2019.

For further information, contact the Bristol Land Use Office at 860-584-6225.