

Clerk

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DIRECTOR OF PUBLIC WORKS



JOSEPH J. SOLOMON  
MAYOR

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MEMO

To: Members of the Council  
From: Eric Hindinger, Program Manager  
Date: December 20, 2019  
Subject: Resolution – R-16-24

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Pursuant to Resolution – R-16-24, the Engineering Division presents the following updates relevant to the City’s on-going stormwater management:

1. MS4 Annual Report ~ The City has received the template for the 2018 Annual Report from RI DEM. Engineering is continuing to compiling information to complete the report. Status unchanged.
2. Cleaning and Inspections of stormwater infrastructure ~ The City is continuing with its catch basin cleaning program. (See attached field reports)
3. Buckeye Brook ~ On November 15, 2019, the United States Army Corps of Engineers determined the no further actions were required to obtain approval for the Permit to Alter Freshwater Wetlands and that the conditions of authorization letter from the Rhode Island Department of Environmental Management are to be followed.
4. Public Outreach ~ DPW must prepare RFP to continue the outreach program started by the Southern Rhode Island Conservation District (SRICD) with the assistance to the Northern Rhode Island Conservation District (NRICD). For additional information created by the Conservation Districts visit the website <https://simplestepswarwick.com/>. Engineering will prepare bid for a Consultant to continue the work of the Conservation Districts. Status unchanged.
5. IDDE Services ~ Crossman Engineering (CE) has performed the first round of dry-weather screening. Based upon this screening, there are 13 outfalls that will require further investigation. CE has met with RI DEM regarding revising the City’s Illicit Discharge Detection and Elimination (IDDE) Plan and has completed dry-weather testing per our contract.
6. Trainings ~ *Stormwater Innovations Beyond Business As Usual (10/01/2019), Creating the Water Workforce of the Future (10/23/2019) , Soak Up the Rain New England*

*Webinar Series ~ Work Together: Collaborating Stormwater in Central Massachusetts (12/05/2019) and Implementing Your Stormwater Program Seminar (12/12/2019)*

Please feel free to contact me with any questions.

cc: Mathew Solitro, DPW Director  
William DePasquale, Mayor's Office/Chief of Staff

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman:

Date: 9/3/19

Weather: Sunny

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY FERRI	12	8				
Paul Canning	10	8				

EQUIPMENT/HOURS: H-35  OTHER

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Onset st. Near Fred's Auto Sales		✓		✓			
Dakside 105		✓			✓		
- set line		✓	✓				Clear
Bainton Ave @ Burnett rd		✓				✓	
- set line		✓		✓			clear
99 Pleasant st							
Basin 1		✓		✓			
Basin 2		✓				✓	
- set line		✓			✓		
Basin 3		✓			✓		
set line to outflow		✓				✓	

MATERIAL REMOVED: 2 1/3 loads of water

NOTES: sewer should get lines at 99 Pleasant to insure drain lines are clear. Also clean end of outflow for

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman:

Date:

9/30/19

Weather:

SUNNY

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY FERRI	12	8				
Mike Yachrowski	7	8				

EQUIPMENT/HOURS: H-35  OTHER

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Love Ln @ Major Potter cleaned line		/				/	Dry well
151 Staples Ave		/				/	
-set line <del>water</del>		/			/		
146 Staples Ave -cleaned line		/			/	/	

MATERIAL REMOVED: 1

NOTES:

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman:

Date:

10/7/19

Weather:

cloudy

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY FERRI	12	8				
Billy Trudell	7	8				

EQUIPMENT/HOURS:

H-35



OTHER

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Abscon st @ Vickery - cleaned 3ft below pipe		/			/		Roots in Pipe
24 Vickery - cleaned pipe		/				/	
- 3ft below pipe		/				/	
Hamilton @ Strawberry AD RD.							
Basin 1 - Line B clear		/				/	
Basin 2 - Line is clear		/				/	

MATERIAL REMOVED:

1

NOTES:

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman: \_\_\_\_\_

Date: 10/25/19

Weather: Sunny

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY Ferri	12	8				
Chris Coyle	7	8				

EQUIPMENT/HOURS: H-35 / OTHER

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Columbia Ave @ 1st							lines
22-21		/	/				are
22-20		/		/			clear
70 Columbia 22-41		/		/			
7 Columbia &							
15-18		/	/				Dry Well
15-17		/		/			

MATERIAL REMOVED: 1

NOTES: \_\_\_\_\_

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman: \_\_\_\_\_

Date: 10/28/19

Weather: cloudy

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY FERRI	12	7				
Nate Yarborough	7	7				

EQUIPMENT/HOURS: H-35  OTHER \_\_\_\_\_

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
cleared debris off basins on Tolgate Road							Leaves
Fullerton @ Ineera		/				/	
- line clear							
Okonnell Ave @ Providence Street		/		/			Cleaned top of basin

MATERIAL REMOVED: 1

NOTES: \_\_\_\_\_

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman: \_\_\_\_\_

Date: 10/29/19

Weather: Cloudy

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY FERRI	12	8				
Wate Woodborough	7	8				

EQUIPMENT/HOURS:

H-35

OTHER \_\_\_\_\_

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Adams @ Jackson	/	/	/				Main line
All 3 basins on	"	/	/				is clear
The covers are clear	"	/	/				and flowing
1, 2, 3		/	/				
202 Dodge	"	/	/				
cleaned leaf debris off tops							
22 Woodbury st		/		/			line
- line is clear		/					was full of
							Root, mud,
							trash,
Squam @ The Pond		/	/				
cleaned leaf debris off							
tops of covers							

MATERIAL REMOVED: 1

NOTES: \_\_\_\_\_



FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman: \_\_\_\_\_

Date: 11/20/19

Weather: \_\_\_\_\_

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY Fecci	12	8				
Nate Varborough	7	8				

EQUIPMENT/HOURS: H-35  OTHER \_\_\_\_\_

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
Bingoyme @ Vineyard		/		/			
- 3 Drain lines clear							
51 Sweet st		/	/				Dry Well
- 2 lines are clear							
50 Adelaide st.		/	/				Dry Well
- Drain line clear							
2 Drains @ Wash rack	/					/	Both were
- In the yard							Full

MATERIAL REMOVED: 1

NOTES: \_\_\_\_\_

FOREMAN'S REPORT

Job Description: CATCH BASIN CLEANING

Foreman: \_\_\_\_\_

Date: 12/4/19

Weather: Sunny

NAME	JOB CLASS	REG. HRS.	O.T. HRS	DBL HRS	WAGE RATE	TOTAL
LARRY Ferri	12	8				
Swan Hechmerowski	7	8				

EQUIPMENT/HOURS: H-35 \_\_\_\_\_ OTHER \_\_\_\_\_

LOCATION STREET NAME & NUMBER, INTERSECTION, OR FACILITY	Is water flowing in the basin?		AMOUNT OF MATERIAL IN BASIN PRIOR TO CLEANING				Notes
	YES	NO	EMPTY	LESS THAN HALF	MORE THAN HALF	FULL	
57 Ewing Ct		✓		✓			
- Middle Drain in road	✓		✓				
Across the street		✓	✓				
Gulf & Almy		✓	✓				Dry Well

MATERIAL REMOVED: 1

NOTES: \_\_\_\_\_

# STORMWATER INNOVATIONS: Beyond Business as Usual

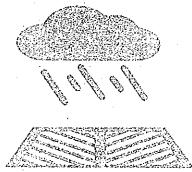
#SNEPitUp

Join the EPA Southeast New England  
Program's (SNEP) webinar on

**OCTOBER 1, 2019**  
**2:00-3:30 PM (ET)**

**REGISTER**  
[bit.ly/2zrBLCV](http://bit.ly/2zrBLCV)

The size of your city doesn't matter when it comes to introducing innovative stormwater management practices. Panelists from Dover, NH to Los Angeles, CA will share their experience and lessons for managing stormwater to yield multiple benefits, such as improving water quality, protecting public health, managing flooding, and make infrastructure more resilient.



 Gretchen Young  
City of Dover, NH

Wayne Chouinard  
Town of Arlington, MA

Josh Svensson  
City of Los Angeles, CA

This webinar is part of a series hosted by EPA's Southeast New England Program for Coastal Watershed Restoration. For more information, please visit [www.epa.gov/snep](http://www.epa.gov/snep) or email [snep@epa.gov](mailto:snep@epa.gov)

 EPA United States  
Environmental Protection  
Agency

# Certificate of Completion

Creating the Water Workforce of the Future Webinar

Recipients of this certificate are deemed by the Creating the Water Workforce of the Future Webinar partner organizations to have successfully completed the 1.5-hour Webinar, held on October 23rd, 2019.

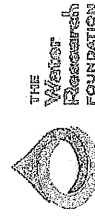
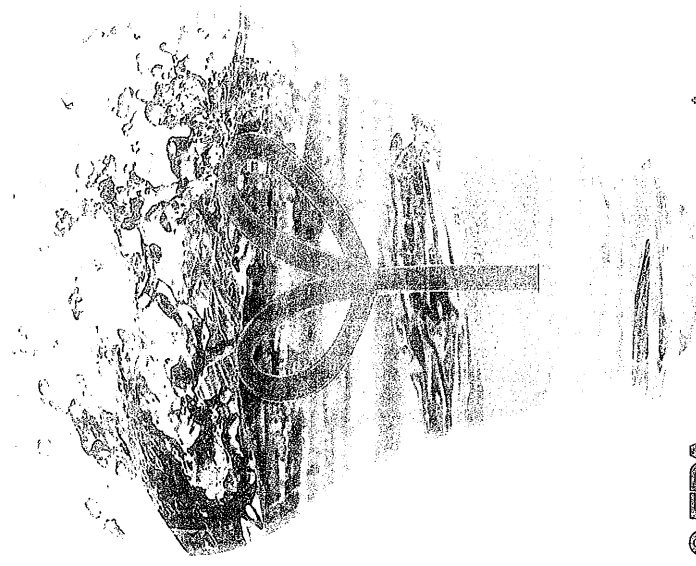
*James Horne*

[October 23, 2019]

Jim Horne, Sustainability Program Manager at EPA Office of Wastewater Management

#### Webinar Description:

*They say it takes a village to create a family. Recruiting, retaining, and motivating a talented and diverse workforce is one of the most important challenges facing today's water and wastewater utilities. As these utilities confront this challenge, it often takes many partners to create a truly sustainable and motivated workforce. Without this kind of workforce, our precious water infrastructure assets will suffer, as will the benefits of clean and safe water for our communities. Please join EPA and other partners to hear how one utility, the Hampton Roads Sanitation District (HRSD) in Virginia, is working with the Hampton Roads Public Works Academy to help build a pipeline of diverse and motivated staff in many parts of the organization.*



American Water Works Association



Water Environment Federation  
the water quality people®



*Soak Up the Rain New England Webinar Series:*  
*Working Together: Collaborative Stormwater Management in  
Central Massachusetts*

*Thursday, December 5<sup>th</sup>, 1:00 PM-2:30 PM EST*

*[Click Here to Register \[attendee.gotowebinar.com\]](#)*

[[epa.gov](http://epa.gov)] Stormwater challenges aren't limited by town boundaries. Many New England rivers, lakes, and watersheds stretch through more than one community, creating unique challenges and opportunities to address water quality. The Central Massachusetts Regional Stormwater Coalition (CMRSWC) was formed by a group of 13 communities working together to address municipal stormwater management. Today, 30 CMRSWC communities work collaboratively to ensure the long-term protection of these shared stormwater systems and surface water resources for residents.

This webinar will showcase how CMRSWC works with participating towns using creative and cost-effective techniques to address Small Municipal Separate Storm Sewer Systems (MS4) permit requirements. Highlights include developing and sharing education templates, stormwater pollution plans, standard operating procedures, and policies, exchanging equipment, and building knowledge regarding stormwater management. The webinar will also cover lessons learned and provide recommendations for collaborative stormwater management across municipalities.

#### Presenters

- o Kerry Reed, Town of Framingham, MA
- o Thomas Gregory, Town of Spencer, MA
- o John Woodsmall, Town of Holden, MA

*Click here to register:*

*<https://attendee.gotowebinar.com/register/8042358412525889793>  
[\[attendee.gotowebinar.com\]](#)*

*To view upcoming & previous Soak up the Rain  
webinars: <https://www.epa.gov/soakuptherain/soak-rain-new-england-webinar-series> [[epa.gov](http://epa.gov)]*

#### Who Should Attend:

Municipal decision makers/planners and Department of Public Works (DPW) staff, environmental organizations, practitioners, educators, and interested citizens - anyone who is considering a new project or looking to build on an existing program.

#### About the Webinar Series

The Soak up the Rain Webinar Series highlights innovative approaches to addressing stormwater in New England, presented by leaders from around the region.

- Hear about stormwater public outreach resources and programs.
- See who's soaking up the rain as we showcase green infrastructure projects and programs.
- Learn about the latest tools and resources from EPA and others for implementing and promoting green infrastructure, and
- Engage with others as we share information about successes, barriers, and lessons learned while implementing green infrastructure in New England communities.

*For more on Soak up the Rain  
<https://www.epa.gov/soakuptherain>*

# Implementing Your Stormwater Program

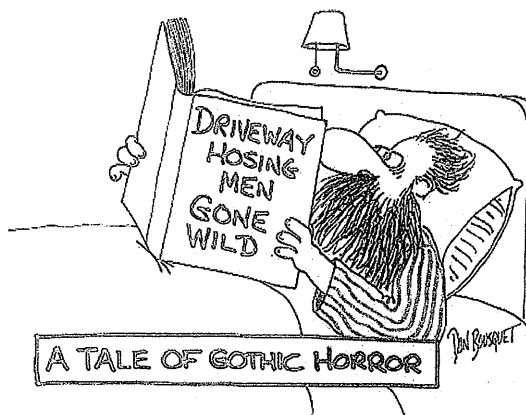
~an MS4 gathering~

Thursday, December 12, 2019 | 9:00 am-12:00pm  
RIDEM Room 300, 235 Promenade Street, Providence, RI 02908  
\*3 AICP credits available\*

Please join us for an interactive workshop on best practices for implementing your community's stormwater program while meeting RIPDES MS4 permit requirements. Hear success stories from North Kingstown and others, explore the resources available to help meet your goals, and share your perspective on how to implement the most effective stormwater program possible.

## Workshop objectives:

- Recall the six minimum measures and measurable goals for the MS4 General Permit
- Connect with DEM and your peers in sharing best practices for stormwater control and in achieving permit requirements
- Share success stories about how MS4s have effectively carried out elements of their stormwater program while meeting permit specifications
- Learn about current efforts and resources that enhance stormwater programs and help fulfill permit conditions
- Discuss your needs, challenges, and opportunities related to the implementation of your stormwater program and permit obligations



Target audiences: Stormwater coordinators and other municipal staff.

Please register [here](https://www.surveymonkey.com/r/FCSYVNK) (https://www.surveymonkey.com/r/FCSYVNK) by December 9.

There is no cost to attend this workshop. A light breakfast will be provided.

Questions? Please contact Jen West at [jennifer.west@dem.ri.gov](mailto:jennifer.west@dem.ri.gov)

## AGENDA

- 8:30 am Sign-in and light breakfast
- 9:00 am Welcome and introductions  
Jen West, Narragansett Bay Research Reserve
- Permit recap and update  
Jennifer Stout & Margarita Chatterton, RIDEM Office of Water Resources
- Success story: public education in North Kingstown  
N. Kim Wiegand, P.E., North Kingstown Town Engineer  
Joel Rocha, North Kingstown Stormwater Specialist
- ~10:15 am BREAK
- Helpful resources  
Lorraine Joubert & Lisa Philo, URI Nonpoint Education for Municipal Officials (NEMO)  
Meg Kerr, Audubon Society of RI & RI Green Infrastructure Coalition
- Participant feedback
- Wrap-up
- 12:00 pm Adjourn