



RHODE ISLAND DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT  
Office of Water Resources

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**RIPDES SMALL MS4 ANNUAL REPORT**  
GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR0400-29

REPORTING PERIOD:

☒ **YEAR 16**

Jan 2019-Dec 2019

**OPERATOR OF MS4**

Name: Town of West Greenwich			
Mailing Address: 280 Victory Highway			
City: West Greenwich	State: RI	Zip: 02817	Phone: (401) 392-3800
Contact Person: David Provonsil	Title: Town Planner		
	Email: dprovonsil@wgtownri.org		
Legal status (circle one): PRI - Private      PUB - Public      BPP - Public/Private      STA - State      FED - Federal Other (please specify):			

**OWNER OF MS4 (if different from OPERATOR)**

Name:			
Mailing Address:			
City:	State:	Zip:	Phone: (   )
Contact Person:	Title:		
	Email:		

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name    Kevin A. Breene

Print Title    Town Administrator

Signature \_\_\_\_\_

Date \_\_\_\_\_



# MINIMUM CONTROL MEASURE #1: PUBLIC EDUCATION AND OUTREACH (Part IV.B.1 General Permit)

## SECTION I. OVERALL EVALUATION:

### GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:

Include information relevant to the implementation of each measurable goal, such as activities, topics addressed, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for choosing the education activity to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: David Provonsil, Town Planner

Phone: (401)392-3800

Email: dprovonsil@wgtownri.org

IV.B.1.b.1 Use the space below to provide a General Summary of activities implemented to educate your community on how to reduce stormwater pollution. For TMDL affected areas, with stormwater associated pollutants of concern, indicate rationale for choosing the education activity. List materials used for public education and topics addressed. Summarize implementation status and discuss if the activity is appropriate and effective.

- The Town maintained website has a stormwater management page.
- Required development approval to monitor the site with Watershed Watch.
- Maintained posting and pamphlets at Town Hall

IV.B.1.b.2 Use the space below to provide a general summary of how the public education program was used to educate the community on how to become involved in the municipal or statewide stormwater program. Describe partnerships with governmental and non-governmental agencies used to involve your community.

- Continued activity with the Lake Mishnock Preservation Association; they raise funds for awareness

Check all topics that were included in the Public Education and Outreach program during this reporting period. For each of the topics selected, provide the target pollutant (e.g. construction sites, total suspended solids):

Topic	Target Pollutant(s)
<input checked="" type="checkbox"/> Construction Sites	Sediment, debris
<input type="checkbox"/> Pesticide and Fertilizer Application	
<input checked="" type="checkbox"/> General Stormwater Management Information	
<input type="checkbox"/> Pet Waste Management	
<input type="checkbox"/> Household Hazardous Waste Disposal	
<input checked="" type="checkbox"/> Recycling	
<input type="checkbox"/> Illicit Discharge Detection and Elimination	
<input type="checkbox"/> Riparian Corridor Protection/Restoration	
<input type="checkbox"/> Infrastructure Maintenance	
<input type="checkbox"/> Trash Management	
<input type="checkbox"/> Smart Growth	
<input type="checkbox"/> Vehicle Washing	
<input type="checkbox"/> Storm Drain Marking	
<input type="checkbox"/> Water Conservation	
<input type="checkbox"/> Green Infrastructure/Better Site Design/LID	
<input type="checkbox"/> Wetland Protection	
<input type="checkbox"/> Other:	
<input type="checkbox"/> None	

**Specific audiences targeted during this reporting period:**

- |                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Public Employees       | <input checked="" type="checkbox"/> Contractors |
| <input checked="" type="checkbox"/> Residential | <input checked="" type="checkbox"/> Developers  |
| <input type="checkbox"/> Businesses             | <input type="checkbox"/> General Public         |
| <input type="checkbox"/> Restaurants            | <input type="checkbox"/> Industries             |
| <input type="checkbox"/> Other:                 | <input type="checkbox"/> Agricultural           |

**Additional Measurable Goals and Activities**

Please list all stormwater training attended by your staff during the 2019 calendar year and list the name(s) and municipal position of all staff who attended the training.

Trainings:

Attending name of staff and title: \_\_\_\_\_  
Attending name of staff and title: \_\_\_\_\_



## MINIMUM CONTROL MEASURE #2: PUBLIC INVOLVEMENT/PARTICIPATION (Part IV.B.2 General Permit)

### SECTION I. OVERALL EVALUATION:

#### GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:

Include information relevant to the implementation of each measurable goal, such as types of activities and audiences/groups engaged. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: David Provonsil, Town Planner

Phone: (401)392-3800 Email: dprovonsil@wgtownri.org

IV.B.2.b.2.ii Use the space below to describe audiences targeted for the public involvement minimum measure, include a description of the groups engaged, and activities implemented and if a particular pollutant(s) was targeted. If addressing TMDL requirements indicate how the audience(s) and/or activity address the pollutant(s) of concern. Name of person(s) and/or parties responsible for implementation of activities identified. Assess the effectiveness of BMP and measurable goal.

- Public hearing and funds for milfoil – Lake Mishnock Preservation.
- New ProCellarCor Treatment.

Opportunities provided for public participation in implementation, development, evaluation, and improvement of the Stormwater Management Program Plan (SWMPP) during this reporting period. Check all that apply:

- |                                                                                                    |                                               |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <input checked="" type="checkbox"/> Cleanup Events                                                 | <input type="checkbox"/> Storm Drain Markings |
| <input type="checkbox"/> Comments on SWMPP Received                                                | <input type="checkbox"/> Stakeholder Meetings |
| <input type="checkbox"/> Community Hotlines                                                        | <input type="checkbox"/> Volunteer Monitoring |
| <input type="checkbox"/> Community Meetings                                                        | <input type="checkbox"/> Plantings            |
| <input checked="" type="checkbox"/> Other (describe) Lake Mishnock water treatments – DEM approved |                                               |

#### Additional Measurable Goals and Activities

- Big River Earth Day
- Watershed Watch testing at Lake Mishnock

### SECTION II. Public Notice Information (Parts IV.G.2.h and IV.G.2.i) \*Note: attach copy of public notice

Was the availability of this Annual Report and the Stormwater Management Program Plan (SWMPP) announced via public notice? ☒ YES ☐ NO

If YES, Date of Public Notice: March 11, 2020

#### How was public notified:

- |                                                                       |                                                           |
|-----------------------------------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> List-Serve (Enter # of names in List: _____) | <input checked="" type="checkbox"/> Newspaper Advertising |
| <input type="checkbox"/> TV/Radio Notices                             | <input checked="" type="checkbox"/> Town Hall posting     |
| <input checked="" type="checkbox"/> Website                           | <input type="checkbox"/> Other:                           |

Enter Web Page URL: [www.wgtownri.org/planning/pages/storwatermanagement](http://www.wgtownri.org/planning/pages/storwatermanagement)

Was public meeting held? ☒ YES ☐ NO

Date: March 18, 2020

Where: West Greenwich Town Hall

Summary of public comments received:

Planned responses or changes to the program:



### MINIMUM CONTROL MEASURE #3: ILLCIT DISCHARGE DETECTION AND ELIMINATION (Part IV.B.3 General Permit)

#### SECTION I. OVERALL EVALUATION:

##### GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS

Include information relevant to the implementation of each measurable goal, such as activities implemented (when reporting tracked and eliminated illicit discharges, please explain the rationale for targeting the illicit discharge) to comply with on-going requirements, and illicit discharge public education activities, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: Claude Wright, Public Works, Director

Phone: (401)385-3854

Email: [chwright@wgtownri.org](mailto:chwright@wgtownri.org)

Has *this person* received training on Illicit Discharge Detection and Elimination (IDDE)? Yes

If yes, when and where? Works with Town Planner/Town Engineer, P.E.; Attend DEM workshops.

If no, who is trained on IDDE? \_\_\_\_\_

IV.B.3.b.1:	If the outfall map was not completed, use the space below to indicate reasons why, proposed schedule for completion of requirement and person(s)/ Department responsible for completion. (The Department recommends electronic submission of updated EXCEL Tables if this information has been amended.) <b>Number of Outfalls Mapped within regulated area: 5</b> <b>Percent Complete: 100</b> <b>If 100% Complete, Provide Date of Completion: 2016</b>
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IV.B.3.b.2	Indicate if your municipality chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2019 calendar year.
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Previously completed

IV.B.3.b.3	Use the space below to provide a summary of the implementation of recording of system additional elements (catch basins, manholes, and/or pipes). Indicate if the activity was implemented as a result of the tracing of illicit discharges, new MS4 construction projects, and inspection of catch basins required under the IDDE and Pollution Prevention and Good Housekeeping Minimum Measures, and/or as a result of TMDL related requirements and/or investigations. Assess effectiveness of the program minimizing water quality impacts.
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No new development in the "urban Area"

IV.B.3.b.4	Indicate if the IDDE ordinance was <u>not</u> developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. <b>Date of Adoption:</b> _____ If the Ordinance was amended in 2019, please indicate why changes were necessary.
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**ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd**

IV.B.3.b.5.ii, iii, iv, & v	Use the space below to provide a summary of the implementation of procedures for receipt and consideration of complaints, tracing the source of an illicit discharge, removing the source of the illicit discharge and program evaluation and assessment as a result of removing sources of illicit discharges. Identify person(s) / Department and/or parties responsible for the implementation of this requirement.
No complaints (DPW or Planning Department)	
IV.B.3.b.5.vi	<p>Use the space below to provide summary of implementation of catch basin and manhole inspections for illicit connections and non-stormwater discharges. If the required measurable goal of inspecting all catch basins and manholes for this purpose was not accomplished, please indicate reasons why, the proposed schedule of completion and identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement. The operator must keep records of all inspections and corrective actions required and completed.</p> <p><b>Number of Catch Basins and Manholes Inspected for illicit connections/IDDE: 24</b></p> <p><b>Percent Complete: 100 %</b></p> <p><b>Date of Completion: October 2019</b></p>
No illicit connections	
IV.B.3.b.5.vii	<p>If dry weather surveys including field screening for non-stormwater flows and field tests of selected parameters and bacteria were not completed, indicate reasons why, proposed schedule for the completion of this measurable goal and person(s) / Department and/or parties for the completion of this requirement. Evaluate effectiveness of the implementation of this requirement. <b>The results of the dry weather survey investigations must be submitted to RIDEM electronically, if not already submitted or if revised since 2009, in the RIDEM-provided EXCEL Tables and should include visual observations for all outfalls during both the high and low water table timeframes, as well as sample results for those outfalls with flow. The EXCEL Tables <u>must</u> include a report of <u>all outfalls</u> and indicate the presence or absence of dry weather discharges.</b></p> <p><b>Number of Outfalls Surveyed Jan-Apr: _____</b>      <b>Number of Outfalls Surveyed Jul-Oct: _____</b></p> <p><b>Percent Complete: _____ %</b></p> <p><b>Date of Completion: _____</b></p>
No illicit flow	
IV.B.3.b.7	Use the space below to provide a description of efforts and actions taken as a result of for coordinating with other physically interconnected MS4s, including State and federal owned or operated MS4s, when illicit discharges were detected or reported. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
N/A	
IV.B.3.b.8	Use the space below to provide a description of efforts and actions taken for the referral to RIDEM of non-stormwater discharges not authorized in accordance to Part I.B.3 of this permit or another appropriate RIPDES permit, which the operator has deemed appropriate to continue discharging to the MS4, for consideration of an appropriate permit. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.

**ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd**

IV.B.3.b.9	Use the space below to provide a description of efforts and actions taken to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste, as well as allowable non-stormwater discharges identified as significant contributors of pollutants. Include a description on how this activity was coordinated with the public education minimum measure and the pollution prevention/good housekeeping minimum measure programs. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
-Maintain stormwater management webpage. -Posting for education and awareness at Town Hall.	
Additional Measurable Goals and Activities	

**SECTION II.A Other Reporting Requirements - Illicit Discharge Investigation and System Mapping (Part IV.G.2.m)**

# of Illicit Discharges Identified in 2019:	# of Illicit Discharges Tracked in 2019:
# of Illicit Discharges Eliminated in 2019:	# of Complaints Received:
# of Complaints Investigated:	# of Violations Issued:
# of Violations Resolved:	# of Unresolved Violations Referred to RIDEM:
Total # of Illicit Discharges Identified to Date (since 2003):	Total # of Illicit Discharges remaining unresolved at the end of 2019:
Summary of Enforcement Actions:	
Extent to which the MS4 system has been mapped:	
Total # of Outfalls Identified and Mapped to date: 5	

**SECTION II.B Interconnections (Parts IV.G.2.k and IV.G.2.l)**

Interconnection:	Date Found:	Location:	Name of Connectee:	Originating Source:	Planned and Coordinated Efforts and Activities with Connectee:





**MINIMUM CONTROL MEASURE #4:  
CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
(Part IV.B.4 General Permit)**

**SECTION I. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)**

**Responsible Party Contact Name & Title:** David Provonsil, Town Planner

**Phone:** (401) 392-3800 **Email:** dprovonsil@wgtownri.org

IV.B.4.b.1 Indicate if the Sediment and Erosion Control and Control of Other Wastes at Construction Sites ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement.

**Date of Adoption:** 10/16/2002

If the Ordinance was amended in 2019, please indicate why changes were necessary. Please also indicate if amendments have been made based on the 2010 *RI Stormwater Design and Installation Standards Manual*, and provide references to the amended portions of the local codes/ordinances.

IV.B.4.b.6 Use the space below to describe actions taken as a result of receipt and consideration of information submitted by the public.

IV.B.4.b.8 Use the space below to describe activities and actions taken as a result of referring to the State non-compliant construction site operators. The operator may rely on the Department for assistance in enforcing the provisions of the RIPDES General Permit for Stormwater Discharges Associated with Construction Activity to the MS4 if the operator of the construction site fails to comply with the local and State requirements of the permit and the non-compliance results or has the potential to result in significant adverse environmental impacts.

Additional Measurable Goals and Activities

## CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd

**SECTION II. A - Plan and SWPPP/SESC Plan Reviews during Year 16 (2019), Part IV.B.4.b.2:** Issuance of permits and/or implementation of policies and procedures for all construction projects resulting in land disturbance of greater than 1 acre.  
**Part IV.B.4.b.4:** Review 100% of plans and SWPPPs/SESC Plans for construction projects resulting in land disturbance of 1-5 acres must be conducted by adequately trained personnel and incorporate consideration of potential water quality impacts.

# of Construction Applications Received: 6

# of Construction Reviews Completed: 6

# of Permits/Authorizations Issued: 6

Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.

Three (3) solar projects in full compliance

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:

David Provonsil, Planning

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":

P.E. #5160

**SECTION II.B - Erosion and Sediment Control Inspections during Year 16 (2019), Parts IV.G.2.n and IV.B.4.b.7:**

Inspection of 100% of all construction projects within the regulated area that discharge or have the potential to discharge to the MS4. (The program must include two inspections of all construction sites, first inspection to be conducted during construction for compliance of the Erosion and Sediment controls at the site, the second to be conducted after the final stabilization of the site.) Inspections must be conducted by adequately trained personnel.

# of Active Construction Projects: 4

# of Site Inspections: 25

# of Complaints Received: Several

# of Violations Issued: 2

# of Unresolved Violations Referred to RIDEM: 1

Summary of Enforcement Actions, include an evaluation of the effectiveness of the program.

Stop Work Orders; immediate response and extra crew; contractors self-reported to DEM

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:

Building Official/Town Planner

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":

Certified Building Official and P.E.



**MINIMUM CONTROL MEASURE #5:  
POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND  
REVELOPMENT  
(Part IV.B.5 General Permit)**

**SECTION I. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints, etc. Please indicate if any projects have incorporated the use of Low Impact Development techniques. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)**

**Responsible Party Contact Name & Title:** David Provonsil, Town Planner

**Phone:** (401) 392-3800 **Email:** dprovonsil@wgtownri.org

IV.B.5.b.5	Use the space below to describe activities and actions taken to coordinate with existing State programs requiring post-construction stormwater management.
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- Inspections required
- Bonds posted

IV.B.5.b.6	Use the space below to describe actions taken for the referral to RIDEM of new discharges of stormwater associated with industrial activity as defined in RIPDES Rule 31(b)(15) (the operator must implement procedures to identify new activities that require permitting, notify RIDEM, and refer facilities with new stormwater discharges associated with industrial activity to ensure that facilities will obtain the proper permits).
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IV.B.5.b.9	Indicate if the Post-Construction Runoff from New Development and Redevelopment Ordinance was <b>not</b> developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. <b>Date of Adoption:</b> _____ If the Ordinance was amended in 2019, please indicate why changes were necessary. Please also indicate if amendments have been made based on the 2010 <i>RI Stormwater Design and Installation Standards Manual</i> , and provide references to the amended portions of the local codes/ordinances.
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- Regulations refer to "the most current edition of"

IV.B.5.b.12	Use the space below to describe activities and actions taken to identify existing stormwater structural BMPs discharging to the MS4 with a goal of ensuring long term O&M of the BMPs.
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Additional Measurable Goals and Activities

**POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT**  
**cont'd**

**SECTION II.A. - Plan and SWPPP/SESC Plan Reviews during Year 16 (2019), Part IV.B.5.b.4:** Review 100% of post-construction BMPs for the control of stormwater runoff from new development and redevelopment projects that result in discharges to the MS4 which incorporates consideration of potential water quality impacts (the program requires reviewing 100% of plans for development projects greater than 1 acre, not reviewed by other State programs). Plan reviews must be conducted by adequately trained personnel.

# of Post-Construction Applications Received: 1
# of Post-Construction Reviews Completed: 1
# of Permits/Authorizations Issued: 6 commercial projects
Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.
See IV.B.4.b.4
Identify person(s) /Department and/or parties responsible for the implementation of this requirement:
Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":

**SECTION II.B. - Post Construction Inspections during Year 16 (2019), Parts IV.G.2.o and IV.B.5.b.10 - Proper Installation of Structural BMPs:** Inspection of BMPs, to ensure these are constructed in accordance with the approved plans (the program must include inspection of 100% of all development greater than one acre within the regulated areas that result in discharges to the MS4 regardless of whom performs the review). Inspections must be conducted by adequately trained personnel.

# of Active Construction Projects: 4	# of Construction Projects Completed: 2
# of Site Inspections for proper Installation of BMPs: 10	# of Complaints Received: 1
# of Violations Issued: 2	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions:	
Identify person(s) /Department and/or parties responsible for the implementation of this requirement:	
Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":	

**SECTION II.C. - Post Construction Inspections during Year 16 (2019), Parts IV.G.2.p and IV.B.5.b.11 - Proper Operation and Maintenance of Structural BMPs:** Describe activities and actions taken to track required Operations and Maintenance (O&M) actions for site inspections and enforcement of the O&M of structural BMPs. Tracking of required O&M actions for site inspections and enforcement of the O&M of structural BMPs.

# of Site Inspections for proper O&M of BMPs: 20	# of Complaints Received: 1
# of Violations Issued: 2	# of Unresolved Violations Referred to RIDEM: 0
Summary of Activities and Enforcement Actions. Evaluate the effectiveness of the Program in minimizing water quality impacts.	
Two (2) commercial stop work orders	
Identify person(s) /Department and/or parties responsible for the implementation of this requirement:	
David Provonsil, Town Planner	

**POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT**  
**cont'd**

**Strategies for requiring the use of non-structural Low Impact Development (LID) site design practices and techniques into stormwater management designs for new and redevelopment projects, check all that apply in your municipality/MS4:**

- ☐ None
- ☒ Ordinances or by-laws requiring LID standards (e.g. reduced road widths, % conservation land, etc.)
- ☐ Ordinances or by-laws requiring LID design at conceptual review (i.e., Pre-application and/or Master Plan) stages for municipal review prior to plans being engineered.
- ☐ Ordinances or by-laws requiring LID standards only in impaired waterbody drainage areas
- ☒ Local development regulations requiring use of LID to the maximum extent practicable
- ☒ LID Guidance available in written form
- ☐ LID Guidance available at pre-application meetings
- ☐ Other strategies to ensure incorporation of LID to the maximum extent practicable, describe:  
\_\_\_\_\_  
\_\_\_\_\_

Person(s)/Department responsible for reviewing submissions for LID: Town Planner  
\_\_\_\_\_

Person(s)/Department/Board responsible for approving submissions for LID at Preliminary and/or Final Review, if applicable:  
Planning Board  
\_\_\_\_\_

**Are you aware of the Municipal LID Self-Assessment that was introduced by the DEM and RI NEMO in September 2019 and again during the December 12, 2019 MS4 Gathering?**

☐ Yes ☒ No

**A final version of the Municipal LID Self-Assessment is expected to be available on the DEM's website in early 2020. Does your community plan to complete it?**

☒ Yes ☐ No

If No, why not? \_\_\_\_\_  
\_\_\_\_\_

**POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT**  
cont'd

**Strategies being implemented to ensure long-term Operation and Maintenance (O&M) of privately-owned structural stormwater BMPs, check all that apply in your municipality/MS4:**

- ☐ None
- ☐ Ordinances or by-laws identify BMP inspection responsible party
- ☐ Ordinances or by-laws identify BMP maintenance responsible party
- ☐ Ordinances or by-laws identify BMP inspections and maintenance requirements
- ☒ Ordinances or by-laws provide for easements or covenants for inspections and maintenance
- ☒ Ordinances or by-laws require for every constructed BMP an inspections and maintenance agreement
- ☐ Ordinances or by-laws contain requirements for documenting and detailing inspections
- ☐ Ordinances or by-laws contain requirements for documenting and detailing maintenance
- ☒ Ordinances or by-laws contain authority to enforce for lack of maintenance or BMP failure
- ☐ The MS4 is responsible for inspections of all privately-owned BMPs
- ☐ The MS4 is responsible for maintenance of all privately-owned BMPs
- ☐ Establishment of escrow account for use in case of failure of BMP
- ☐ Other strategies to ensure long-term O&M of privately-owned BMPs, describe:

Does your municipality/MS4 require the use BMPs Operations and Maintenance Agreements? ☒ YES ☐ NO

If YES, please indicate if the Operations and Maintenance Agreements include the following:

- |                                                                                                                                                                                                                                                     |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| a. Party responsible for the long-term O&M of permanent stormwater management BMPs                                                                                                                                                                  | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| b. A description of the permanent stormwater BMPs that will be operated and maintained                                                                                                                                                              | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| c. The location of the permanent stormwater BMPs that will be operated and maintained                                                                                                                                                               | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| d. A timeframe for routine and emergency inspections and maintenance of all permanent stormwater management BMPs                                                                                                                                    | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| e. A requirement that all inspections and maintenance activities are documented                                                                                                                                                                     | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| f. Annual submission of inspection/maintenance certification/documentation to the MS4                                                                                                                                                               | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| g. Stormwater management easement for access for inspections and maintenance or the preservation of stormwater runoff conveyance, infiltration, and detention areas and other stormwater controls and BMPs by persons other than the property owner | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| h. Steps available for addressing a failure to maintain the stormwater controls and BMPs                                                                                                                                                            | <input type="checkbox"/> YES <input type="checkbox"/> NO            |

Please elaborate, if appropriate:

Does your municipality/MS4 keep an inventory of privately-owned BMPs? ☐ YES ☒ NO

**For privately-owned structural BMPs, does your municipality/MS4 have a system for tracking:**

- |                                                       |                                                                     |
|-------------------------------------------------------|---------------------------------------------------------------------|
| a. Agreements and arrangements to ensure O&M of BMPs? | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| b. Inspections?                                       | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| c. Maintenance and schedules?                         | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| d. Complaints?                                        | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| e. Non-Compliance?                                    | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
| f. Enforcement actions?                               | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections, and maintenance? ☐ YES ☒ NO

If yes, please elaborate on which tools are used:

*NOTE: BMP maintenance tasks can be a great way to involve and educate the community to their purpose and function. BMPs have the potential to create a highly interactive environment for community members and volunteers to get involved.*



**MINIMUM CONTROL MEASURE #6:  
POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS  
(Part IV.B.6 General Permit)**

**SECTION I. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

Include information relevant to the implementation of each measurable goal, such as activities and practices used to address on-going requirements, and personnel responsible. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)

**Responsible Party Contact Name & Title:** Claude Wright, Public Works, Director

**Phone:** (401) 385-3854 **Email:** chwright@wgtownri.org

IV.B.6.b.1.i Use the space below to describe activities and actions taken to identify structural BMPs (these include but are not limited to: retention/detention basins, vegetated treatment, infiltration and pre-treatment controls, etc.) owned or operated by the small MS4 operator (the program must include identification and listing of the specific location and a description of all structural BMPs in the SWMPP and update the information in the Annual Report). Evaluate appropriateness and effectiveness of this requirement.

**Do you have an inventory of MS4-owned/operated BMPs?** ☐ YES ☒ NO

**Total # of MS4-owned/operated BMPs** (does not include CBs or MHs): \_\_\_\_\_

Older area with little water quality or flood mitigation.

IV.B.6.b.1.ii Use the space below to describe activities and actions taken for inspections, cleaning and repair of detention/retention basins, storm sewers and catch basins with appropriate scheduling given intensity and type of use in the catchment area. Evaluate appropriateness and effectiveness of this requirement.

**# of MS4-owned/operated BMPs inspected in 2019:** 5

**# of MS4-owned/operated BMPs maintained/cleaned in 2019:** 5

**# of MS4-owned/operated BMPs repaired in 2019:** None

Does your municipality/MS4 have a system for tracking:

- |                                                      |                                         |                                        |
|------------------------------------------------------|-----------------------------------------|----------------------------------------|
| a. Inspection schedules of MS4-owned BMPs?           | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |
| b. Maintenance/cleaning schedules of MS4-owned BMPs? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |
| c. Repairs, corrective actions needed?               | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| d. Complaints?                                       | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |

Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track stormwater BMPs, inspections, and maintenance? ☒ YES ☐ NO

Two (2) inspections/cleaning.

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

IV.B.6.b.1.iii	<p>Use the space below to describe activities and actions taken to support the requirement of yearly inspection and cleaning of all catch basins (a lesser frequency of inspection based on at least two consecutive years of operational data indicating the system does not require annual cleaning might be acceptable). Evaluate appropriateness and effectiveness of this requirement.</p> <p><b>Total # of CBs within regulated area (including SRPW and TMDL areas): 28</b></p> <p><b># of CBs inspected in 2019: 28    % of Total inspected: 100</b></p> <p><b># of CBs cleaned in 2019: 28    % of Total cleaned: 100</b></p> <p>Quantity of sand/debris collected by cleaning of catch basins: 11 yads</p> <p>Location used for the disposal of debris: DPW yard</p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the inspections and cleaning of catch basins? <span style="float:right"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span></p>
IV.B.6.b.1.iv	<p>Use the space below to describe activities and actions taken to minimize erosion of road shoulders and roadside ditches by requiring stabilization of those areas. Evaluate appropriateness and effectiveness of this requirement.</p>
IV.B.6.b.1.v	<p>Use the space below to describe activities and actions taken to identify and report known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation, for the Department to determine on a case-by-case basis if the scouring or sedimentation is a significant and continuous source of sediments. Evaluate appropriateness and effectiveness of this requirement.</p>
<p>No problem outfalls.</p>	
IV.B.6.b.1.vi	<p>Use the space below to indicate if all streets and roads within the urbanized area were swept annually and if not indicate reason(s). Evaluate appropriateness and effectiveness of this requirement.</p> <p><b>Total roadway miles within regulated area (including SRPW and TMDL areas): 4.6 – including private road</b></p> <p><b>Roadway miles that were swept in 2019: 4.6    % of Total swept: 100</b></p> <p>Type of sweeper used: <span style="margin-left: 20px;"><input checked="" type="checkbox"/> Rotary brush street sweeper</span> <span style="margin-left: 20px;"><input type="checkbox"/> Vacuum street sweeper</span></p> <p>Quantity of sand/debris collected by sweeping of streets and roads: 84 C.Y. approximately_____</p> <p>Location used for the disposal of debris: DPW yard</p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the annual sweeping of streets and roads? <span style="float:right"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span></p>



**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

IV.B.6.b.1.vii	<p>Use the space below to describe activities and actions taken for controls to reduce floatables and other pollutants from the MS4. Evaluate appropriateness and effectiveness of this requirement.</p>  <p>Lake Mishnock is self-patrolled by the Preservation Association; - pretty clean.</p>
IV.B.6.b.1.viii	<p>Use the space below to describe the method for disposal of waste removed from MS4s and waste from other municipal operations, including accumulated sediments, floatables and other debris and methods for record-keeping and tracking of this information.</p> <p>Do you have a system for tracking actions to remove and dispose of waste?      <input checked="" type="checkbox"/> YES      <input type="checkbox"/> NO</p>  <p>Town collects only street sweepings – approximately 84 C.Y. at DPW yard.</p>
IV.B.6.b.4 and IV.B.6.b.5	<p>Use the space below to describe and indicate activities and corrective actions for the evaluation of compliance. This evaluation must include visual quarterly monitoring; routine visual inspections of designated equipment, processes, and material handling areas for evidence of, or the potential for, pollutants entering the drainage system or point source discharges to a waters of the State; and inspection of the entire facility at least once a year for evidence of pollution, evaluation of BMPs that have been implemented, and inspection of equipment. A Compliance Evaluation report summarizing the scope of the inspection, personnel making the inspection, major observations related to the implementation of the Stormwater Management Plan (formerly known as a Stormwater Pollution Prevention Plan), and any actions taken to amend the Plan must be kept for record-keeping purposes.</p>   <p>No BMP's in MS4 pipes, basins, outfalls inspected twice per year.</p>
IV.B.6.b.6	<p>Use the space below to describe all employee training programs used to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance for the past calendar year, including staff municipal participation in the URI NEMO stormwater public education and outreach program and all in-house training conducted by municipality or other parties. Evaluate appropriateness and effectiveness of this requirement.</p> <p>How many stormwater management trainings have been provided to <i>municipal employees</i> during this reporting period? 0</p> <p>What was the date of the last training? ___/___/___</p> <p>How many <i>municipal employees</i> have been trained in this reporting period? _____</p> <p>What percent of <i>municipal employees</i> in relevant positions and departments received stormwater management training? _____%</p> <p>Have <i>municipal employees</i> that are responsible for inspecting or cleaning catch basins also been trained to detect and report illicit connections or non-stormwater discharges? _____</p>          

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

IV.B.6.b.7	Use the space below to describe actions taken to ensure that new flow management projects undertaken by the operator are assessed for potential water quality impacts and existing projects are assessed for incorporation of additional water quality protection devices or practices. Evaluate appropriateness and effectiveness of this requirement.
Additional Measurable Goals and Activities	

**SECTION II.A - Structural BMPs (Part IV.B.6.b.1.i)** These include but are not limited to: retention/detention basins, vegetated treatment, infiltration and pre-treatment controls, etc.

BMP ID:	Location:	Name of BMP Owner/Operator:	Description of BMP:	Frequency of Inspection:

**SECTION II.B - Discharges Causing Scouring or Excessive Sedimentation (Part IV.B.6.b.1.v)**

Outfall ID:	Location:	Description of Problem:	Description of Remediation Taken, include dates:	Receiving Water Body Name/Description:

**SECTION II.C - Note any planned municipal construction projects/opportunities to incorporate water quality BMPs, low impact development, or activities to promote infiltration and recharge (Part IV.G.2.j).**

**SECTION II.D - Please include a summary of results of any other information that has been collected and analyzed. This includes any type of data (Part IV.G.2.e).**



## TOTAL MAXIMUM DAILY LOAD (TMDL) or other Water Quality Determination REQUIREMENTS

**SECTION I.** If you have been notified that discharges from your MS4 require non-structural or structural stormwater controls based on an approved TMDL or other water quality determination, please provide an assessment of the progress towards meeting the requirements for the control of stormwater identified in the approved TMDL (Part IV.G.2.d). Please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (\*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

LIST OF IMPAIRED WATERS:			
Impaired Water Body:	Pollutants Causing Impairments:	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO
Impaired Water Body:	Pollutants Causing Impairments:	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO
[add as necessary]			
What kind of public education and outreach strategy does the MS4 implement to target each pollutant of concern? (e.g., signage on installed stormwater controls, resources on website, pamphlets about litter, pet waste, grass clippings, fertilizer use, etc.)			
Pollutant of Concern:	Strategy:	Target Audience:	
Has the MS4 installed stormwater BMPs to address impairments? <input type="checkbox"/> YES <input type="checkbox"/> NO			
If yes, indicate the type of stormwater control, date installed, ownership, and who is responsible for maintenance:			
Type of Stormwater Control:	Date Installed:	Who owns it?	Who maintains it?
Additional enhanced minimum measures used to address water quality issues (e.g., increased street sweeping or catch basin cleaning in areas with high pollutant loading, installation of floatable traps/screens, etc.):			



## SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

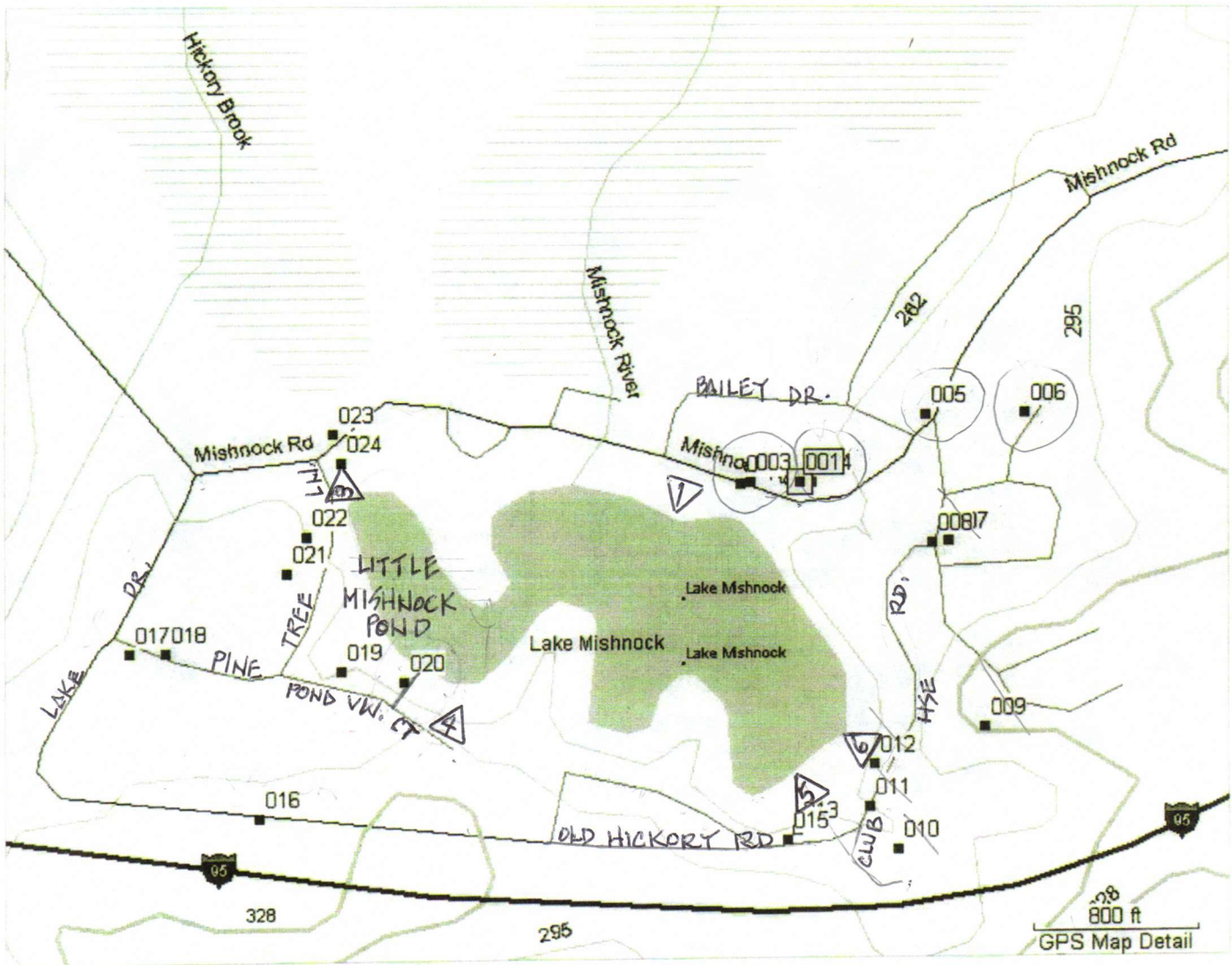
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**SECTION I.** In accordance with Rule 31(a)(5)(i)G of the *Regulations for the Rhode Island Pollutant Discharge Elimination System (RIPDES Regs)*, on or after March 10, 2008, any discharge from a small municipal separate storm sewer system to any Special Resource Protection Waters (SRPWs) or impaired water bodies within its jurisdiction must obtain permits if a waiver has not been granted in accordance to Rule 31(g)(5)(iii). A list of SRPWs can be found in Appendix D of the *RIDEM Water Quality Regulations* at this link:

<http://www.dem.ri.gov/pubs/regs/regs/water/h20q09a.pdf>

The 2008 303(d) Impaired Waters list can be found in Appendix G of the *2008 Integrated Water Quality Monitoring and Assessment Report* at this link: <http://www.dem.ri.gov/programs/benviron/water/quality/pdf/iwqmon08.pdf>

If you have discharges from your MS4 (regardless of its location) to any of the listed SRPWs or impaired waters (including impaired waters when a TMDL has not been approved), please provide an assessment of the progress towards expanding the MS4 Phase II Stormwater Program to include the discharges to the aforementioned waters and adapting the Six Minimum Control Measures to include the control of stormwater in these areas. Please indicate a rationale for the activities chosen to protect these waters. Please note that all of the measurable goals and BMPs required by the 2003 MS4 General Permit may not be applicable to these discharges.



Town of West Greenwich  
GPS Located  
Catch Basins and [Outfalls =  $\triangle$ ] (#2 NOT USED)  
in  
Lake Mishnock Urban Area

MS4 - 2019  
ANNUAL REPORT  
URBAN AREA

**TOWN OF WEST GREENWICH PUBLIC NOTICE**  
**FOR DRAFT 2019 STORMWATER PROGRAM ANNUAL REPORT**  
**PUBLIC COMMENT PERIOD: MARCH 11, 2020 TO MARCH 18, 2020**  
**PUBLIC HEARING: MARCH 18, 2020 AT 9:00 A.M. & 3:00 P.M. AT TOWN HALL**

The draft 2019 Phase II Stormwater Annual Report has been prepared in accordance with the Rhode Island Pollutant Discharge Elimination System (RIPDES) Program General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) and from Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s.

DATE OF THIS NOTICE: March 11, 2020

RIPDES PERMIT NUMBER: RIR0400-29

Name and Mailing Address of Small MS4 Operator:

Town of West Greenwich – TOWN HALL  
280 Victory Highway  
West Greenwich, RI 02817

Copies of the DRAFT Phase II Storm Water Annual Report may be obtained at no cost by visiting the Town's Stormwater webpage at <https://wgtownri.org/planning/pages/storm-water-management-and-water-quality> or by calling David Provonsil, Town Planner at 401-392-3800 x. 121, or by visiting the Town Hall.

All records relating to this permit are available for review by the public at the Town Planner's office between 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays. Please visit the Town's Stormwater webpage for more information about the Stormwater Management Program. Appointments for outside of Town Hall hours may be made by calling the Planner.

Public Hearings are scheduled for Wednesday, March 18, 2020 at 9:00 a.m. and 3:00 p.m. in the Town Council Chambers, Town of West Greenwich Town Hall, 280 Victory Highway, West Greenwich, RI 02817, to consider the Town of West Greenwich 2019 Phase II Storm Water Annual Report.

The Town of West Greenwich will provide interpreter services for the hearing impaired provided a request is received by the Town Clerk's office at 392-3800 x. 100 three (3) business days prior to said hearing dates.

Interested parties may submit written comments on the DRAFT Annual Report, amendments to the SWMPP, and the administrative record to the Town Planner by the close of the public comment period which ends at 4:00 p.m., Wednesday March 18, 2020. If, during the public comment period, significant comments are received concerning the DRAFT Annual Report or amendments to the SWMPP, the Town of West Greenwich will post a written response to comments on the Town's Stormwater webpage. The response will include the final 2019 Annual Report and identify what changes to the SWMPP have been made, if any.

David Provonsil, Town Planner, Town of West Greenwich

Name of Town:

WEST GREENWICH

General Information			Location in Decimal Degrees						
Inspector(s)	Outfall ID	Date	Time	Longitude	Latitude	Method of Collection	In Meters	Horizontal Datum	Photo Name
C.W.	1-MISHNOCK	6/6/2018	10:50 AM	-71.6551	+41.5888	GPS_CODE_STANDARD_POSITION_(SA_OFF)	<15m	NAD83	HPIM0014
C.W.	3-PINE TREE	6/6/2018	10:00 AM	-71.6552	+41.5961	GPS_CODE_STANDARD_POSITION_(SA_OFF)	<15m	NAD83	HPIM0008
C.W.	4-POND VIEW	6/6/2018	10:15 AM	-71.6255	+41.5947	GPS_CODE_STANDARD_POSITION_(SA_OFF)	<15m	NAD83	HPIM0009
C.W.	5-OLD HICKORY	6/6/2018	10:30 AM	-71.6504	+41.5875	GPS_CODE_STANDARD_POSITION_(SA_OFF)	<15m	NAD83	HPIM0010
C.W.	6-CLUB HOUSE	6/6/2018	10:40 AM	-71.6509	+41.5861	GPS_CODE_STANDARD_POSITION_(SA_OFF)	<15m	NAD83	HPIM0012

Receiving Water Body Information			Outfall Information							
Outfall ID	Type	Name	Material	If Other	Shape	If Other	Diameter	If Other	Type	If Other
1-MISHNOCK	LAKE/POND	LAKE MISHNOCK	CONCRETE		CIRCULAR		12"		SINGLE	
3-PINE TREE	LAKE/POND	LITTLE MISHNOCK	CONCRETE		CIRCULAR		16"		SINGLE	
4-POND VIEW	LAKE/POND	LITTLE MISHNOCK	CONCRETE		CIRCULAR		12"		SINGLE	
5-OLD HICKORY	LAKE/POND	LAKE MISHNOCK	CONCRETE		TRAPOZOID		18"		SINGLE	
6-CLUB HOUSE	LAKE/POND	LAKE MISHNOCK	CONCRETE		TRAPOZOID		18"		SINGLE	

TEL: 401-392-3800  
FAX: 401-392-3805

*Town of West Greenwich*

INCORPORATED 1741

MAILING ADDRESS  
280 VICTORY HIGHWAY  
WEST GREENWICH  
RHODE ISLAND 02817-2113

March 10, 2020

STORM WATER AND BASIN CLEANING – MS4 URBAN AREA / MISHNOCK AREA – 2019  
BY THE PUBLIC WORKS DEPARTMENT

Through the months of April, May and June, the 28 catch basins and structures in the Town of West Greenwich MS4 Urban Area / Mishnock were cleaned and inspected. A second cleaning was completed in September through October.

No illicit discharges or damaged basins needing immediate repair were found.

The Mishnock area receives two sweepings per year and also many random inspections of the basins and piping. All the basins and piping along Mishnock Road are cleaned twice per year, or more often if needed.



CLAUDE WRIGHT

HIGHWAY SUPERVISOR