



City of East Providence Engineering Division

Roberto L. DaSilva
Mayor

Erik Skadberg
City Engineer

March 3, 2023

Ms. Jennifer Stout
RIDEM
235 Promenade Street
Providence, RI 02908-5767
Office of Water Resources
RIPDES Program
Permitting Section

RECEIVED
CITY OF EAST PROVIDENCE
MAR - 6 2023

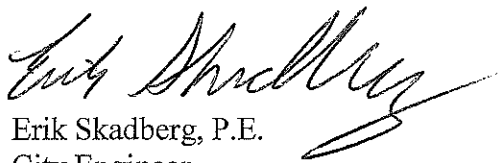
Re: Phase II Stormwater Annual Report
City of East Providence
RIPDES Permit # RIRO40030

Dear Ms. Stout:

Enclosed please find the Annual Report for 2022. This includes the Nineteenth Year Annual Report, copies of miscellaneous BMP inspection reports and drainage system maintenance performed in the last year as well as an informational brochure handed out during the hazardous waste drop off, bacterial samples from Sabin Point Park and the public notice.

Should you have any questions or comments, please do not hesitate to call 401-435-7703.

Sincerely,


Erik Skadberg, P.E.
City Engineer

Enclosures.

cc: Daniel Borges, Director of Public Works



DEM USE ONLY

Date Received _____

RIPDES SMALL MS4 ANNUAL REPORT GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR0400 30

REPORTING PERIOD: **YEAR 19**
Jan 2022-Dec 2022

OPERATOR OF MS4

Name: City of East Providence				
Mailing Address: 145 Taunton Avenue				
City: East Providence	State: RI	Zip: 02914	Phone: (401) 435-7703	
Contact Person: Erik Skadberg		Title: Deputy DPW Director/City Engineer		
		Email: eskadberg@eastprovidenceri.gov		
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 Daniel V. Borges

Print Title Director of Public Works

Signature _____

Date 3/3/2023



**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: Erik Skadberg, Deputy DPW Director/City Engineer; Daniel Borges, Public Works Director

Phone: 401-435-7703 ext 1

Email: eskadberg@estprovidenceri.gov

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.

Approximately 180 fliers were handed out during the Eco-Depot day, copy attached. The City's website has information for the public to review and look at. Fliers are available for pick-up at City Hall and fliers and reminders are inserted into water bills. Street sweeping and contact information is posted on the website. The don't feed the geese and swans signs as well as plastic pet waste stations are successful. Pet waste and bird droppings are a major concern on the Runnins River, Ten Mile River, the Seekonk and Providence Rivers. Donna McMahon and Tony Viera are responsible for the majority of the above activities. We also developed a watershed management plan for Sabin Point Park. Additional BMP's are currently being designed for this area as well as within the Runnins River.

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.

The City has a number of events including shoreline cleanups as part of Earth Day in conjunction with Save the Bay, the Ten-Mile River Watershed Council, E.P. Rotary Club, Squantum Association, E.P. Conservation, Friends of Kettle Point and Newman Congregational Church. In September the City works with the Audobon Society and Save the Bay, also as part of the shoreline cleanup. We also work with the Gordon School, Riverside Girl Scouts, the Narragansett Terrace Association, the Friends of Ponham Lighthouse all in association with shoreline cleanups in April and September. The City also has a mandatory recycling program – no bin, no pickup – thereby reducing the waste stream to the landfill. The City also previously implemented a larger recycling container with very good success. These are picked up every other week.

PUBLIC EDUCATION AND OUTREACH cont'd

Check all topics that were included in the Public Education and Outreach program during this reporting period. For each of the topics selected, provide:

Target Audience(s): Public Employees, Residents, General Public, Businesses, Industries, Restaurants, Contractors, Developers, Agriculture, Other (describe);

Target Pollutant(s): (e.g. pet waste, fertilizers, Total Suspended Solids, etc.);

Strategies/Media: Direct Mailings, List Servs, Kiosks or Other Displays, Newspaper Ads or Articles, Public Events or Presentations, School Programs, Printed Materials, Direct Trainings, Videos, Webpage, Other (describe)

Topic	Target Audience(s)	Target Pollutant(s)	Strategies/Media
<input checked="" type="checkbox"/> X Construction Sites	Contractor/developers	Sediment & Trash	Inspections
<input checked="" type="checkbox"/> X Pesticide and Fertilizer Application	Residents/General Public/Businesses	Nutrients	Printed material, newspaper, Public events, Website
<input type="checkbox"/> X General Stormwater Management Info	All Above	Nutrients & TSS	All Above
<input checked="" type="checkbox"/> X Pet Waste Management	Residents/General Public	Nutrients	All above
<input type="checkbox"/> X Household Hazardous Waste Disposal	Residents	Hazardous Waste	Printed material, newspaper, Website
<input type="checkbox"/> X Recycling	Residents	waste	Printed material, newspaper, website
<input type="checkbox"/> X Illicit Discharge Detection and Elimination	Residents/businesses	nutrients	Printed material, website
<input type="checkbox"/> Riparian Corridor Protection/Restoration			
<input type="checkbox"/> X Infrastructure Maintenance	Public Employees	Nutrients, Sediment, TSS	Direct Trainings
<input checked="" type="checkbox"/> X Trash Management	All Above	waste	Printed material, newspaper, website
<input type="checkbox"/> Smart Growth			
<input checked="" type="checkbox"/> X Vehicle Washing	Residents/businesses	TSS, oils, Sediment	Printed material, newspaper, website
<input type="checkbox"/> X Storm Drain Marking	Public employees, residents	TSS, oils, sediment, nutrients, pet waste	Printed material, videos, direct training, website
<input type="checkbox"/> Water Conservation			
<input type="checkbox"/> Green Infrastructure/Better Site Design/LID			
<input type="checkbox"/> Wetland Protection			
<input type="checkbox"/> Other:			

Additional Measurable Goals and Activities

Please list all stormwater training attended by your staff during the 2022 calendar year and list the name(s) and municipal position of all staff who attended the training.

Trainings: Storm water Expo

Attending name of staff and title: Erik Skadberg, Deputy DPW Director, Edward Pimetel, Zoning Officer,

Attending name of staff and title: Domenic Leonardo, Planner , Johanna Walczak, planner



**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: Erik Skadberg, Deputy DPW Director/City Engineer

Phone: 401-435-7702

Email: eskadberg@eastprovidenceri.gov

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.

The City has a number of events including shoreline cleanups as part of Earth Day in conjunction with Save the Bay, Ten Mile River Watershed Council, EP Rotary, Squantum Association, Newman Congregation Church, EP Conservation and Friends of Kettle Point. In September the city works with the Audobon Society and Save the Bay, also as part of the shoreline cleanup. We also work with Riverside Girls Scouts and Boy Scouts, the Gordon School, the Narragansett Terrace Association, the Friends of Ponham Lighthouse, Riverside Renaissance Group, all in association with shoreline cleanups in April and September.

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"/> X Cleanup Events | <input checked="" type="checkbox"/> X Storm Drain Markings |
| <input type="checkbox"/> Comments on SWMPP Received | <input checked="" type="checkbox"/> X Stakeholder Meetings |
| <input type="checkbox"/> Community Hotlines | <input type="checkbox"/> Volunteer Monitoring |
| <input type="checkbox"/> Community Meetings | <input checked="" type="checkbox"/> X Plantings |
| <input type="checkbox"/> Other (describe) | |

Additional Measurable Goals and Activities

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? <input checked="" type="checkbox"/> X YES <input type="checkbox"/> NO	If YES, Date of Public Notice: March 2, 2023
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 type="checkbox"/> Town Hall posting <input type="checkbox"/> Website <input type="checkbox"/> Other: Enter Web Page URL: _____	
Was public meeting held? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Date:	Where:
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: Erik Skadberg, Deputy DPW Director/City Engineer

Phone: 401 435 7702 Email: eskadberg@eastprovidenceri.gov

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

If yes, when and where? Colt State Park, years ago

If no, who *is* trained on IDDE? _____

IV.B.3.b.1:	<p>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.)</p> <p>Number of Outfalls Mapped within regulated area: <u>133</u></p> <p>Percent Complete: <u>100%</u></p> <p>If 100% Complete, Provide Date of Completion: <u>2005</u></p>
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Outfalls are located on the City's GIS plan, No outfall Tagging.

IV.B.3.b.2	<p>Indicate if your municipality chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2022 calendar year.</p>
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All catch basins within local control as well as manholes are included on the GIS. If new structures are found or constructed, the Engineering Division updates the GIS plan and inspection logs.

IV.B.3.b.3	<p>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.</p>
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GIS is updated when new developments are completed.

IV.B.3.b.4	<p>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.</p> <p>Date of Adoption: <u>3/6/2007</u></p> <p>If the Ordinance was amended in 2022, please indicate why changes were necessary.</p>
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No Amendments

ILLCIT 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.
All complaints are received through the Public Works Office. The city has a Q-alert program where complaints can be emailed to the City. Pipe replacement is being considered for a section of N Broadway, south of Roger Williams Ave as well as on Fenner Ave by Arnold.	
IV.B.3.b.5.vi	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. Number of Catch Basins and Manholes Inspected for illicit connections/IDDE: <u>4,146</u> Percent Complete: <u>100</u> % Date of Completion: <u>2010 & updated in 2022 for newly constructed structures</u>
Engineering and Highway Departments are responsible for IDDE. The city also updated the structure count and it now includes 822 curb inlets, 1,956 grates, 60 drywells and 1,308 manholes.	
IV.B.3.b.5.vii	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. The results of the dry weather survey investigations should 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 sampling 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. Number of Outfalls Surveyed Jan-Apr: _____ Number of Outfalls Surveyed Jul-Oct: _____ Percent Complete: <u>100</u> % Date of Completion: <u>3/9/2012</u>
The city tested for bacteria at an outfall at Sabin Point Park as a result of a complaint. The sample results are attached but does not appear to contain bacteria from illicit discharges	
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.
The City has taken the lead on illicit connections. The engineering division and the City Engineer is responsible to contact the State and Federal owned or operated MS4's.	
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

To date no referrals have been made. All illicit connections have been worked out between the owner and the City. The most recent example is 130-152 Taunton Avenue. Some sanitary connections were connected to the stormdrain. During renovations, the drains were dye tested and where necessary disconnected. This occurred on 5/15/2019.

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.

The City has attended training sessions and has utilized the information through brochures, web page, eco-depot days, catch basin stenciling and shoreline cleanups to inform the public on how important it is to keep the drainage system clean.

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 2022: 0	# of Illicit Discharges Tracked in 2022: 0																																																
# of Illicit Discharges Eliminated in 2022: 0	# of Complaints Received: 0																																																
# of Complaints Investigated: 0	# of Violations Issued: 0																																																
# of Violations Resolved: 0	# of Unresolved Violations Referred to RIDEM: 0																																																
Total # of Illicit Discharges Identified to Date (since 2003):6 EP Housing Authority, 133 club, mauran @ First, Fifth st, Paiva, 130-152 Taunton Ave	Total # of Illicit Discharges remaining unresolved at the end of 2022: 0																																																
Summary of Enforcement Actions:																																																	
Total # of Outfalls identified and mapped to date: <u>133</u>																																																	
Total # of Interconnections with other MS4s identified and mapped to date: <u>RIDOT approximately 20 see attached</u> Warren ave, Waren Ave I-195, Tauntn Ave, end of Warren Ave/State St neighborhood																																																	
Extent to which the MS4 system has been mapped (% complete): <u>100% local jurisdiction</u>																																																	
Identify how the following components of the MS4 system have been mapped:	<table border="1"> <thead> <tr> <th></th> <th>Not mapped</th> <th>GIS</th> <th>Auto CAD</th> <th>Paper</th> <th>Other (please specify)</th> </tr> </thead> <tbody> <tr> <td>Catch basins</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Manholes</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Pipes, ditches, and other conduits</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Flow direction and connectivity</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Interconnections with other regulated MS4s</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> Excel Spread sheet</td> </tr> <tr> <td>MS4-owned stormwater controls (BMPs, not including catch basins or manholes)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> Excell Spreadsheet</td> </tr> <tr> <td>Delineation of outfall catchment/drainage areas</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> GIS drainage system tracking</td> </tr> </tbody> </table>		Not mapped	GIS	Auto CAD	Paper	Other (please specify)	Catch basins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pipes, ditches, and other conduits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow direction and connectivity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Interconnections with other regulated MS4s	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Excel Spread sheet	MS4-owned stormwater controls (BMPs, not including catch basins or manholes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Excell Spreadsheet	Delineation of outfall catchment/drainage areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> GIS drainage system tracking
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Delineation of outfall catchment/drainage areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> GIS drainage system tracking																																												

ILLCIT DISCHARGE DETECTION AND ELIMINATION cont'd

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

Interconnection:	Date Found:	Location:	Name of MS4:	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: Erik Skadberg, Deputy DPW Director/City Engineer

Phone: 401-435-7702 Email: eskadberg@eastprovidenceri.gov

IV.B.4.b.1	<p>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.</p> <p>Date of Adoption: <u>3/06/07</u></p> <p>If the Ordinance was amended in 2022, please indicate why changes were necessary and provide references to the amended portions of the local codes/ordinances.</p>
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No Amendments made

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.
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N/A

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.
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N/A

Additional Measurable Goals and Activities

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd

SECTION II. A - Plan and SWPPP/SESC Plan Reviews during Year 19 (2022), 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, not reviewed by other State programs, must be conducted by adequately trained personnel and incorporate consideration of potential water quality impacts.

of Construction Applications Received: <u>90 bldg permits including new additions, sheds, decks, pools, 2 DPR's, 1 LDP, 14 subdivisions</u>
of Construction Reviews Completed: <u>97</u>
of Permits/Authorizations Issued: <u>100%</u>
Summary of Reviews and Findings, include an evaluation of the effectiveness of the program. These construction projects are on parcels ranging from 5,000 to over an acre. Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Erik Skadberg, Engineering, Robert Walker, Building Official, John Almeida, Building Inspector. Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":

SECTION II.B - Erosion and Sediment Control Inspections during Year 19 (2022), 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: 120	
# of Site Inspections: 120	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions, include an evaluation of the effectiveness of the program. Inspected pool installations, sheds, decks, additions, new construction, subdivisions, land development and development plan reviews. Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Erik Skadberg, Engineering, Robert Walker, Building Official, John Almeida, Building Inspector Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": Professional Engineer, Certified Building Official, Certified Building Inspector	



**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: Erik Skadberg, Deputy DPW Director/City Engineer

Phone: 401-435-7702 Email: eskadberg@eastprovidenceri.gov

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.

All projects greater than 1 acre are referred to RIDEM to obtain the required stormwater permits. State permits must be obtained prior to local approval.

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 §1.4(A)(111) in the *Regulations for the Rhode Island Pollutant Discharge Elimination System* (RIPDES Regulations) (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).

No new industrial activity associated with stormwater

IV.B.5.b.9 Indicate if the Post-Construction Runoff from New Development and Redevelopment 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: 3/06/07

If the Ordinance was amended in 2022, 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.

No. Ordinance already refers to latest RIDEM policy and requirements.

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.

The City has the right to inspect the basins and BMP's and does so on a yearly basis. To date basins have been maintained satisfactorily. All development with BMP's require submission of an O&M report/agreement for approval.

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

Additional Measurable Goals and Activities
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SECTION II.A. - Plan and SWPPP/SWMP Reviews during Year 19 (2022), 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: _____
of Post-Construction Reviews Completed: _____
of Permits/Authorizations Issued: _____
Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.
Kettle Point has been completed and the City is responsible for cleaning CB's. Homeowners Assoc. is responsible for maintain BMP's.
Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Engineering, Highway and Building Inspection
Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": PE, PLS, Certified building official and certified building inspector.

SECTION II.B. - Post Construction Inspections during Year 19 (2022), 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: 2>1 acre	# of Construction Projects Completed:
# of Site Inspections for proper Installation of BMPs: 17	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions: None, inspections include the subdivisions, DPR's and LDP in addition to smaller building permit locations	
Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Erik Skadberg, PE, Nabil Rashid, PLS, Robert Walker, Certified Building Official, John Almeida, Certified Building Inspector.	
Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": See above	

SECTION II.C. - Post Construction Inspections during Year 19 (2022), 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: 40	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0

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

Summary of Activities and Enforcement Actions. Evaluate the effectiveness of the Program in minimizing water quality impacts.

In addition to the listed completed inspections, inspections were also performed at Kettle Point, 501 Warren Ave, 75 Newport Ave, 40 Newport Ave,

Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Erik Skadberg, PE, Engineering, Kevin Croke, Inspector.

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:

Planning & Engineering

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

Planning, Zoning, Waterfront Commission, Engineering,

Are you aware of the Municipal LID Self-Assessment that was introduced by the DEM and RI NEMO in 2019 and finalized and distributed in March 2020?

Yes No Submitted in 2020

A final version of the Municipal LID Self-Assessment is available on the DEM's website:

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lid-checklist-primer.pdf>

Additional guidance is also available:

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lid-assessment-fs.pdf>

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/pdfs/lidfactsheet.pdf>

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lidplan.pdf>

Did your community complete the Municipal LID Self-Assessment? Yes No

If yes and it was completed in 2022, please provide a copy as an attachment to this Annual Report, if you have not already submitted it.

If no, 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:

The City inspects the BMP's. If maintenance is required the owner's are notified. On larger projects the applicant submits and records the O&M report which explains the responsible party and maintenance required.

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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. Inspections?	<input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
f. Enforcement actions?	<input 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:

Excel database, attached

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: Erik Skadberg, Deputy DPW Director/City Engineer

Phone: 401-435-7703 Email: eskadberg@eastprovidenceri.gov

IV.B.6.b.1.i	<p>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.</p> <p>Do you have an inventory of MS4-owned/operated BMPs? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Total # of MS4-owned/operated BMPs (does not include CBs or MHs): <u>8</u></p>
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IV.B.6.b.1.ii	<p>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.</p> <p># of MS4-owned/operated BMPs inspected in 2022: <u>8</u></p> <p># of MS4-owned/operated BMPs maintained/cleaned in 2022: <u>8</u></p> <p># of MS4-owned/operated BMPs repaired in 2022: <u>1</u></p> <p>Does your municipality/MS4 have a system for tracking:</p> <table border="0"><tr><td>a. Inspection schedules of MS4-owned BMPs?</td><td><input checked="" type="checkbox"/> YES</td><td><input type="checkbox"/> NO</td></tr><tr><td>b. Maintenance/cleaning schedules of MS4-owned BMPs?</td><td><input checked="" type="checkbox"/> YES</td><td><input type="checkbox"/> NO</td></tr><tr><td>c. Repairs, corrective actions needed?</td><td><input checked="" type="checkbox"/> YES</td><td><input type="checkbox"/> NO</td></tr><tr><td>d. Complaints?</td><td><input checked="" type="checkbox"/> YES</td><td><input type="checkbox"/> NO</td></tr></table> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track stormwater BMPs, inspections, and maintenance? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	d. Complaints?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO											
d. Complaints?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO											

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>Total # of CBs within regulated area (including SRPW and TMDL areas): <u>822 curb inlets, 1956 grates, 60 drywells (total 2,838) DMH = 1,308 Total = CB+DMH=4,146</u></p> <p># of CBs inspected in 2022: <u>30 repairs</u> % of Total inspected: _____</p> <p># of CBs cleaned in 2022: <u>135</u> % of Total cleaned: <u>5%</u></p> <p>If determined, approximate quantity of sand/debris collected by cleaning of catch basins: <u>130 CF or app 7 tons</u></p> <p>Location used for the disposal of debris: <u>Forbes St Landfill</u></p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the inspections and cleaning of catch basins? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
Q-alert tracks locations	
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> <p>The city has work crews which maintains shoulders and stormwater ditches. Typically an asphalt berm is installed in areas where the shoulder is not stable. This has greatly reduced the amount of sediment entering the drainage system. Maintenance of ditches, including sediment removal helps reduce flooding and improves water quality.</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>Scouring outfalls is not a major issue in the city as most pipes have shallow slopes thereby reducing the velocity of the water. Many pipes are partially submerged due to tidal influence and this reduces the velocity and fall height of the water.</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). The operator is required to sweep all streets and roads within the regulated area annually unless a lesser frequency can be justified based on at least two consecutive years of data indicating the street or road does not require annual sweeping. Evaluate appropriateness and effectiveness of this requirement.</p> <p>Total roadway miles within regulated area (including SRPW and TMDL areas): <u>190</u></p> <p>Roadway miles that were swept in 2022: <u>160</u> % of Total swept: <u>100%</u></p> <p>Type of sweeper used: <input checked="" type="checkbox"/> Rotary brush street sweeper <input type="checkbox"/> Vacuum street sweeper</p> <p>If determined, approximate quantity of sand/debris collected by sweeping of streets and roads: <u>1000tons</u></p> <p>Location used for the disposal of debris: <u>local landfill</u></p>
<p>Approximately 30 miles of roadways are maintained by the State and they are the responsible party for sweeping these roadways. Tonnage was as follows: April – October approximately 105 days, 5tons/day, 2 sweepers for 1000 tons.</p>	

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

IV.B.6.b.1.vii	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.
The regular catch basin and pipe cleaning program, controlling edge of road erosion and street sweeping program along with ditch maintenance greatly reduces floatable and sediment.	
IV.B.6.b.1.viii	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. Do you have a system for tracking actions to remove and dispose of waste? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Sediment and catch basin debris is disposed of at the landfill. Other waste material is placed in dumpsters at 60 commercial way and disposed of at the Johnston landfill.	
IV.B.6.b.2	Use the space below to describe any operations under the MS4's legal control, including activities and facilities, that have the potential to introduce pollutants into stormwater runoff, such as pesticide/herbicide/fertilizer application, chemical and waste handling and storage, vehicle fueling, vehicle washing, vehicle maintenance, sand/salt storage, snow disposal, facilities such as public works facilities with maintenance and storage yards, waste transfer stations, municipal wastewater and water treatment facilities, and municipal parking owned and operated by the MS4. Does your MS4 have any salt piles, or piles containing salt, used for deicing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes: Are these piles covered to prevent exposure to rain, snow, snowmelt and/or runoff? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, check the type of cover used: <input checked="" type="checkbox"/> Weatherproof permanent structure/shelter <input type="checkbox"/> A temporary, secured, durable, waterproof covering (e.g., tarpaulin, polyethylene, polyurethane) Are these piles located on impermeable surfaces? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IV.B.6.b.5	For all facilities with discharges of stormwater associated with industrial activity, 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 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.
The City has a SWPPP for the facility at 60 Commercial Way. The layout has been previously revised to make sure material and vehicles are stored the maximum convenient distance from catch basins. In addition the covered salt storage shed facility has reduced/eliminated most of the runoff from the salt pile. The City also has a SWPPP for the water pollution control facility at One Crest Avenue. The plans are being followed.	

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

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 trainings offered by other parties (e.g. SNEP, EPA) and all in-house training conducted by municipality. 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? <u> 2 </u> Pesticide training and tailgate meetings regarding the importance of street sweeping and catch basin cleaning.</p> <p>What was the date of the training? <u> 3 / 8 / 2022 </u> Training Topic(s): <u> Pesticide training & impacts on runoff </u> How many <i>municipal employees</i> attended this training? <u> 7 </u></p> <p>What was the date of the training? <u> 8 / / 2022 </u> Training Topic(s): <u> stormwater, CB cleaning and maintenance, tailgate </u> How many <i>municipal employees</i> attended this training? <u> 22 </u></p> <p align="center">[Add additional trainings as necessary.]</p> <p>What percent of <i>municipal employees</i> in relevant positions and departments received stormwater management training? <u> 80 </u>%</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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
IV.B.6.b.7	<p>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.</p> <p>The sand filter at Sabin Point Park is being monitored by Brown University. To date the filter is reducing nutrients entering the Providence River. The upstream infiltration area along Locust and Willow Streets is also reducing the runoff flows and reducing the volume of flow to the Bay.</p> <p>Additional Measurable Goals and Activities</p>

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:

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

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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).

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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).

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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: Erik Skadberg, Deputy Director/City Engineer

Phone: 401-435-7702 Email: eskadberg@eas

tprovidenceri.gov

LIST OF IMPAIRED WATERS:				
Impaired Water Body: Runnins River WBID:	Pollutants Causing Impairments: Fecal Coliform	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Impaired Water Body: Turner Reservoir WBID:	Pollutants Causing Impairments: Metals, DO Phosphorus	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO	
Central Pond	Metals, DO, Phosphorus			
Omega Pond	Metals, DO, Phosphorus, Fecal			
Ten Mile River	Metals, DO, Phosphorus, Entroccus			
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 or required the installation of stormwater BMPs on private property to address impairments? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
If yes, indicate the name of the impaired water body associated with the stormwater control, type of stormwater control, date installed, ownership, and who is responsible for maintenance:				
Impaired water body	Type of Stormwater Control:	Date Installed:	<input checked="" type="checkbox"/> Municipally Owned <input type="checkbox"/> Privately Owned	Who maintains it?
Providence River	Sand Filter, Infiltration trenches	10/31/2018		City
[add as necessary]				

TOTAL MAXIMUM DAILY LOAD (TMDL) OR OTHER WATER QUALITY DETERMINATION REQUIREMENTS *cont'd*

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.):

[Empty box for additional enhanced minimum measures]



SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

SECTION I. In accordance with Title 250 RICR-150-10-1 (“RIPDES Regulations”) §1.32(A)(5)(a)(7), 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 with RIPDES Regulations §1.32(G)(5)(c). A list of SRPWs can be found in Title 250-RICR-150-05-1 (“Water Quality Regulations”) §1.28 at this link:

<https://rules.sos.ri.gov/regulations/part/250-150-05-1>

The State of Rhode Island 2018-2020 303(d) Impaired Waters Report can be found here:

<http://www.dem.ri.gov/programs/benviron/water/quality/pdf/iwr1820.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.



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Office of Water Resources



INSTRUCTIONS FOR THE RI POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES)

SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS AND INDUSTRIAL ACTIVITY AT ELIGIBLE FACILITIES OPERATED BY REGULATED SMALL MS4s ANNUAL REPORT FORM

WHO MUST SUBMIT AN ANNUAL REPORT:

Owners/Operators of regulated small municipal separate storm sewer systems (MS4s) and industrial activities authorized to discharge stormwater under the Rhode Island Pollutant Discharge Elimination System (RIPDES) Stormwater General Permit for Small Municipal Separate Storm Sewer Systems and Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s (hereafter referred to as "the General Permit"), must submit an Annual Report, outlined in Part IV.G of the permit. The Report must be submitted each year after permit issuance **by March 10th** to track progress of compliance. If you have questions regarding this Annual Report Form contact Jennifer Stout of the Rhode Island Department of Environmental Management (RIDEM), Office of Water Resources, Permitting Section at (401) 222-4700 ext. 2777726.

The Annual Report must be submitted to:
RIDEM Office of Water Resources
RIPDES Permitting Program
235 Promenade Street
Providence, RI 02908
ATTN: Jennifer Stout

INSTRUCTIONS FOR COMPLETION:

GENERAL INFORMATION PAGE:

"RIPDES Permit #"

Include your permit ID # to ensure proper tracking.

"Operator of MS4"

Give the legal name of the person, firm, public (municipal) organization, or any other entity that is responsible for day-to-day operations of the MS4 described in this application (as defined in Title 250 RICR-150-10-1 ("RIPDES Regulations") §§1.3 and 1.12). Enter the complete address and telephone number of the operator. Circle the appropriate choice to indicate the legal status of the operator of the MS4.

"Owner of MS4"

If the owner is the same as the operator do not complete this section. Give the legal name of the person, firm, public (municipal) organization, or any other entity that owns the MS4 described in this application (RIPDES Regulations §§1.3 and 1.12). Do not use a colloquial name. Enter the complete address and telephone number of the owner.

"Certification"

State and federal statutes provide for severe penalties for submitting false information on this application form. State and federal regulations require this application to be signed as follows (RIPDES Regulations §1.12);

For a corporation: by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information or permit application requirements; and where authority to sign documentation has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor;

For a Municipality, State, Federal or other public site: by either a principal executive officer or ranking elected official.

SECTION I- OVERALL EVALUATION OF BMPS AND MEASURABLE GOALS:

One or more pages, front and back, are provided to report on the status of measurable goals which have been developed to aid in the implementation of strategies, procedures, and programs used to achieve each of the six minimum control measures in Part IV.B of the General Permit. This section provides narrative space for a descriptive explanation and evaluation of the actions taken to satisfy each of the minimum control measures for the 2022 calendar year. Please type or print. If additional space is needed, modify as necessary. Please submit attachments to the appropriate minimum control measure following the format provided.

A Permit ID # has been provided, which refers to the part of the permit where you can find a listing or description of the required measurable goal.

Please provide a general summary of actions taken (implementation of BMPs, development of procedures, events, etc.) to meet the measurable goals of the minimum measure. **Be sure to identify parties responsible for achieving each measurable goal** and reference any reliance on another entity for achieving any measurable goal. Mark with an asterisk (*) if this person/entity is different from last year.

Describe whether each measurable goal was completed within the time proposed in the General Permit or your Stormwater Management Program Plan (SWMPP). Why or why not? Provide a progress report and discussion of activities that will be carried out during the next reporting cycle to satisfy the requirements of the minimum measures. If applicable, assess the appropriateness of the actions taken to meet the requirements of the minimum measure. In determining appropriateness, you may want to consider at a minimum the local population targeted, pollution sources addressed, receiving water concerns, integration with local management procedures, and available resources and violations or environmental impacts eliminated or minimized.

Also, discuss the effectiveness of the implementation of BMPs to meet the requirements of the minimum measure and the overall effectiveness of the minimum measure. Describe your progress towards achieving the overall goal of reducing the discharge of pollutants. Please include assessment parameters/indicators used to measure the success of the minimum measure. Also include a discussion of any proposed changes to BMPs or measurable goals.

After evaluation, it may be necessary to make changes or modifications to your Implementation Schedule if the time frame, appropriateness or effectiveness cannot be assured. If so, please include descriptions of changes or modifications, and detailed justification in the appropriate sections.

SECTION II- ADDITIONAL ANNUAL REPORT REQUIREMENTS

Section II refers to additional reporting requirements that the General Permit requires to be submitted to the Department as part of the Annual Report. Section II requirements apply to Minimum Control Measures 2 through 6.

Minimum Control Measure #2: Section II:
Specify the date of and how the annual report was public noticed. If a public meeting was needed, provide the date and place. Include a summary of public comments received in the public comment period of the draft annual report and planned responses or changes to the program (new or revised BMP's and measurable goals, partnerships, etc.).

Be sure to attach a copy of your public notice (Parts IV.G.2.h and IV.G.2.i) to the Annual Report.

Minimum Control Measure #3: Section II.A:
Provide the number of illicit discharges identified in 2022, number of illicit discharges tracked in 2022, number of illicit discharges eliminated in 2022, complaints received, complaints investigated, violations issued and resolved with a summary of enforcement actions, number of unresolved violations that have been referred to RIDEM, the total number of illicit discharges identified to date, and the total number of illicit discharges remaining unresolved at the end of 2022. Include a short narrative describing the extent to which your system has been mapped (Part IV.G.2.m), and the total number of outfalls identified to date.

Minimum Control Measure #3: Section II.B:
List identified MS4 interconnections, including location, date found, operator of the physically interconnected MS4, and originating source of newly identified physical interconnections with other small MS4s. Also note any planned or coordinated activities with the physically interconnected MS4 (Part IV.G.2.k and IV.G.2.l).

Minimum Control Measures #4 & 5: Section II.A:
Identify the number of construction and post-construction plan and SWPPP/SESC Plan reviews completed during Year 19 (2022) and any additional information. This includes, but is not limited to a summary of the reviews, responsible parties, and types of projects reviewed.

Minimum Control Measure #4: Section II.B:
Construction inspection information for erosion and sediment control should be submitted annually as stated in Part IV.G.2.n. Provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #5: Section II.B:
Post-construction inspection information for proper installation of post-construction structural BMPs should be submitted annually as stated in Part IV.G.2.o. This should provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #5: Section II.C:
Inspection information for proper operation and maintenance of post-construction structural BMPs should be submitted annually as stated in Part IV.G.2.p. This should provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #6: Section II.A:

As prescribed in Part IV.B.6.b.1.i of the General Permit, the MS4 operator must identify and list the specific location and description of all structural BMPs in the SWMPP at the time of application and update the information in the annual report.

Minimum Control Measure #6: Section II.B:

Part IV.B.6.b.1.v of the General Permit states to identify and report annually, as part of the annual report, known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation. Include Outfall ID #, location, description of the problem, any remediation taken, and the ultimate receiving water body.

Minimum Control Measure #6: Section II.C:

As noted in Part IV.G.2.j of the General Permit, specify any planned municipal construction projects or opportunities to include water quality BMPs, low impact development, or seek to promote infiltration and recharge.

Minimum Control Measure #6: 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, including, but not limited to, dry weather survey data (Part IV.G.2.e).

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

Section I:

Complete this section only if your MS4 is subject to an approved TMDL. TMDL requirements may require the implementation of the six minimum control measures to address the pollutants of concern, and/or additional structural stormwater controls or measures that are necessary to meet the provisions of the approved TMDL. Be sure to identify the approved TMDL and assess the progress towards meeting the requirements for the control of stormwater (Part IV.G.2.d).

Provide a progress report on the present status and discussion of activities that have been accomplished or will be carried out during the next reporting cycle to satisfy the requirements of the TMDL. If applicable, assess the appropriateness of the BMPs selected under each of the six minimum control measures to meet the requirements of the TMDL. In determining appropriateness, you may want to consider violations or environmental impacts eliminated or minimized.

Please include assessment parameters/indicators that will be used to measure the success of the selected BMPs. Also include a discussion of any proposed changes to BMPs or measurable goals.

SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

Section I:

Complete this section only if your MS4, located outside Urbanized Areas or Densely Populated Areas, discharges to:

a SRPW as listed in §1.28 of Title 250-RICR-150-05-1 ("Water Quality Regulations") at this link:

<https://rules.sos.ri.gov/regulations/part/250-150-05-1>

or

an impaired water body including water bodies with no approved TMDL as listed in the *State of Rhode Island 2018-2020 303(d) Impaired Waters Report (February 2021)* at this link:

<http://www.dem.ri.gov/programs/benviron/water/quality/pdf/iwr1820.pdf>

In accordance with the RIPDES Regulations §1.32(A)(5)(a)(7), MS4s were required to incorporate any discharges to these waterbodies into their MS4 Program on or after March 10, 2008 unless a waiver has been granted in accordance with RIPDES Regulations §1.32(G)(5)(c).

Provide a progress report on the present status and discussion of activities that have been accomplished or will be carried out during the next reporting cycle to incorporate these areas into the MS4's Phase II Stormwater Program.

know where
it goes

RI Stormwater Solutions
2010-2011
1000
1000
1000

Where Do I Fit In? Top Tips For Everyone

*Polluted stormwater is the result of local land-use policies and our everyday personal actions. However, because our personal choices have such an impact, there are many opportunities for **YOU** to do something about the problem!*



The Top To-Dos

The following list offers simple suggestions as to how you can control stormwater impacts on your own property:

Yard Care

1. Never dump, wash, or rake anything into the path of a stormdrain.
2. Sweep spilled fertilizers, grass clippings, and soil off sidewalks and driveways and back onto the lawn. Sweep, don't hose, the driveway.
3. Water wisely: the lawn is usually happy with 1 inch per week, and that includes rainwater!
4. Divert rooftop runoff to a rain barrel or onto the lawn rather than a driveway. Collected water can even be used for watering plants.
5. Reduce the amount of fertilizers and pesticides that you apply to your lawn. You'll save money, too!

Home Care

6. Never put hazardous household wastes (paint, paint thinner, oven cleaners, etc.) down stormdrains, indoor drains, or the trash. Call the Eco Depot at 942-1430 x 241
7. If you have a septic system, have it inspected every year, and have it pumped at least every three to five years.

Auto Care

8. If you change your own motor oil, recycle the used oil.
9. Wash your vehicle at a designated car wash or on grass—not in the driveway.

Pet Care

10. Scoop your dog's poop. Then throw it in the trash.
11. Don't feed waterfowl.

The Two To Live By

Lists can be daunting. So we've come up with the following recommendations to use as a rule-of-thumb:

- **Keep as much water as possible off of paved surfaces**
- **Keep the water that does run off as clean as possible**



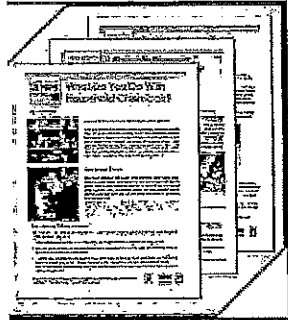


Rhode Island Stormwater Solutions

[Stormwater Basics](#) [Take Action](#) [Workshops & Events](#) [Resources](#) [About the Project](#) [Statewide Campaign](#)

[The pavement effect](#)
[It's not just rain](#)
[Why is it a problem?](#)
[The issue of CSOs](#)
[What's happening in RI](#)

Fact Sheet Series



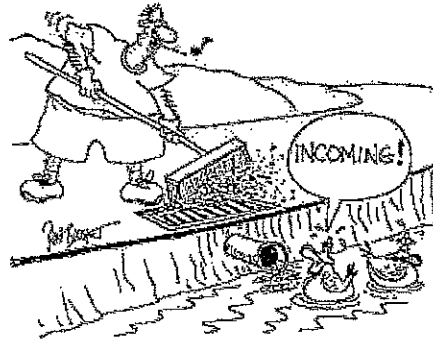
Stormwater Basics

The pavement effect

Have you ever noticed water flowing down the street when it rains? Have you ever wondered where the water flows to? Have you thought about what's in the water?

When it rains onto a forest or a field, some of that rain is absorbed by the ground, replenishing groundwater that is used by many for drinking water. Some of the rain is taken up by plants, and some of it simply evaporates. But very little of the rain flows over the ground.

In a more developed setting, such as our cities and towns, rain falls onto pavement, or other surfaces such as roofs, sidewalks, parking lots, and driveways that don't allow the water to be absorbed by the ground. The water that you see flowing down the street is called stormwater runoff.



It's not just rain

When stormwater hits the pavement, it picks up and mixes with what's there. That might include:

- oil, grease, and automotive fluids;
- fertilizer and pesticides from gardens and homes;
- bacteria from pet waste and improperly maintained septic systems;
- soil from poor construction site management;
- sand from wintertime snow removal;
- soap from car washing;
- debris and litter.

So the water flowing down the street is not just rain; it's polluted water, and it heads directly to our local water bodies.



Why is it a problem?

Many people assume that stormwater flows down stormdrains and then to a treatment facility. Unfortunately, that is almost never the case. Stormwater either flows directly into local waters or down stormdrains, which channel it into local water bodies. **The polluted runoff closes swimming beaches and fishing grounds, threatens water resources, harms natural areas, and contributes to flooding.**



Storm Drains

When rain water flows across pavement and down a storm drain, that water is almost always piped directly to the nearest stream, river, or bay. That water almost never goes to a treatment facility. As the graphic illustrates, most storm drains simply collect rain water and channel it away to prevent flooding, carrying polluted runoff to local water resources.

East Providence/RIDOT MS4 Interconnection Locations 2022

Area	Interconnection location	Outfall location
Newport Ave near Moore St	Newpor Ave	141 Narragansett Park Dr
Newport Ave/Pawtucket Ave	Wilson Ave	Wannamoissett Golf course/Bourne Ave
Newman Ave - Seekonk side		
Pleasant St	Pawtucket Ave & Pleasant	Ten-Mile River
Taunton Ave (east of 6 corners)	Parsons	Ten Mile River
Waterman Ave (6 corners west)		Seekonk River
Waterman Ave (6 corners to Hall)	Cora??/Taunton/Parsons	Ten-Mile River
Waterman Ave (Police Sta)	Commercial Way	Runnins River
Waterman Ave @ Warren	State St	Runnins River
Warren Ave	Colwell Ave	Watchemoket Cove
Pawtucket Ave	Brightridge	Watchemoket Cove
Pawtucket Ave	Tower Ave	Watchemoket Cove
Pawtucket Ave/Wamp Trail	Dover	End of Dover Ave
Pawtucket (s of Vets Pkwy to BPA)	Stonegate	Stonegate
Bullocks Pt Ave	Grant Ave	Providence River
Bullocks Pt Ave	Cove	Bullocks Cove
Willett (Town Pizza)	Crescent View Ave or Cross Country	Bullocks Cove
Willett Ave	Captain Willett Apts	Bullocks Cove
Wampanoag Trail	Tripps Ln	Runnins River
Wampanoag Trail	Dover Ave	End of Dover Ave

SWEEPING OPERATION

2022

April 18-May 6th:

Main Roads: Narragansett Park Dr, New Rd, Campbell Ave, Ferris Ave, Roger Williams Ave, Wilson Ave, Bourne Ave, Greenwood Ave, Centre St, Newman Ave from Pawt. Ave to Greenwood Ave, N Broadway, Massasoit Ave, Broadway, Grosvenor Ave, Grove Ave, Freeborn Ave, Potter St, Warren Ave from Broadway to Valley St, Valley St, Burgess Ave, Fifth St, Lyon Ave, S Broadway, Brightbridge Ave, Martin St, Dover Ave, Catamore Blvd, Amaral St, Pawt. Ave from Willett Ave to Turner Ave, Turner Ave, Burnside Ave from Willett Ave to Pawt. Ave, Forbes St, Rounds Ave, Grassypains Rd, Estrell Dr, Legion Way, Crescent View, Shore Rd.

May 9– May 20: (Area 6)

Between Willett Ave and the East Bay bike path. Beginning at Lyman St working south to the Barrington line.

Between Willet Ave and the Wampanoag Tr. Beginning at Catalpa Ave and working south to the Barrington line.

May 23- June 10: (Area 5)

Pawt Ave to Narragansett Bay. Working from Bond Rd south to Water view Ave

Whipple Ave, Fuller Ave, White Squadron Rd, Industrial Ct, Industrial Way.

Between the East Bay bike path and Narragansett Bay. Working from the Sewer Plant south to the Terrace.

June 13 –June 24: (Area 4)

Between Warren Ave and the Veterans Pkwy. Beginning at S Broadway working west to Pier Rd.

Between S Broadway and Pawt Ave. From Warren Ave south to the Veterans Pkwy.

Between Pawt Ave and the Seekonk line. Beginning at Warren Ave working south to Wetmore Ave.

June 27 –July 15: (Area 3)

Between Warren Ave and Taunton Ave. Beginning at Broadway working east to State St.

Between Broadway and the Seekonk River. Beginning at Waterman Ave working south to Warren Ave

July 18- July 29: (Area 2)

Between N Broadway and the Seekonk line. Beginning at the Ten Mile River working south to Taunton Ave.

Between N Broadway and the Seekonk River. Beginning at the Omega Pond working south to Waterman Ave.

Aug 1- Aug 12 : (Area 1)

Between N Broadway, Newman Ave and the Seekonk line. Beginning at the Turner Reservoir working south to the Ten Mile River. Between Pawt Ave, Newport Ave and the Central Pond. Beginning at the Pawtucket Line and working southeast to Newman Ave. between the Omega Pond, Newport Ave and Pawt Ave. Beginning at the Pawtucket line working southeast to North Broadway.

Aug 15 – Sept 2 : Main Roads: (see April 19- May 7)
All Public School Parking Areas

Sept 6 Thru End of Season Repeat of schedule if time to do so.

29491	Storm Water Basin	Pole 39 BULLOCKS POINT AVE East Providence	4/1/2022	4/5/2022	Tommy Breggia	3
29502	Storm Water Basin	N/A BULLOCKS POINT AVE East Providence	4/5/2022	4/5/2022	Tommy Breggia	3
29503	Storm Water Basin	N/A BULLOCKS POINT AVE East Providence	4/5/2022	4/5/2022	Tommy Breggia	3
29505	Storm Water Basin	BULLOCKS POINT AVE and +- - Not ... East Providence	4/5/2022	4/5/2022		3
29479	Storm Water Basin	90 FORBES ST East Providence	3/30/2022	3/30/2022	Tommy Breggia	3
29480	Storm Water Basin	75 FORBES ST East Providence	3/30/2022	3/30/2022	Tommy Breggia	3
29477	Storm Water Basin	165 FORBES ST East Providence	3/30/2022	3/30/2022	Tommy Breggia	3
29478	Storm Water Basin	145 FORBES ST East Providence	3/30/2022	3/30/2022	Tommy Breggia	3
29476	Storm Water Basin	172-174 FORBES ST East Providence	3/30/2022	3/30/2022	Tommy Breggia	3
29482	Storm Water Basin	Pole 25 FORBES ST East Providence	3/28/2022	3/29/2022	Tommy Breggia	3
29468	Storm Water Basin	214 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29469	Storm Water Basin	183 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29470	Storm Water Basin	175 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29467	Storm Water Basin	191 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29463	Storm Water Basin	220 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29460	Storm Water Basin	N/A LEIGH LN East Providence	3/28/2022	3/29/2022	Tommy Breggia	3
29461	Storm Water Basin	234-236 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29471	Storm Water Basin	200 FORBES ST East Providence	3/29/2022	3/29/2022	Tommy Breggia	3
29459	Storm Water Basin	Pole # 30 FORBES ST East Providence	3/28/2022	3/28/2022	Tommy Breggia	3

29552	Storm Water Basin	East Providence	4/19/2022	4/19/2022	Tommy Breggia	3
29553	Storm Water Basin	East Providence	4/19/2022	4/19/2022	Tommy Breggia	3
29554	Storm Water Basin	East Providence	4/19/2022	4/19/2022	Tommy Breggia	3
29525	Storm Water Basin	East Providence	4/19/2022	4/19/2022	Tommy Breggia	3
29523	Storm Water Basin	East Providence	4/8/2022	4/8/2022	Tommy Breggia	3
29510	Storm Water Basin	East Providence	4/6/2022	4/6/2022	Tommy Breggia	3
29511	Storm Water Basin	East Providence	4/6/2022	4/6/2022	Tommy Breggia	3
29508	Storm Water Basin	East Providence	4/6/2022	4/6/2022	Tommy Breggia	3
29509	Storm Water Basin	East Providence	4/6/2022	4/6/2022	Tommy Breggia	3
29488	Storm Water Basin	East Providence	4/1/2022	4/1/2022	Tommy Breggia	3
29480	Storm Water Basin	East Providence	4/1/2022	4/1/2022	Tommy Breggia	3
29485	Storm Water Basin	East Providence	3/31/2022	3/31/2022	Tommy Breggia	3
29482	Storm Water Basin	East Providence	3/31/2022	3/31/2022	Tommy Breggia	3
29483	Storm Water Basin	East Providence	3/31/2022	3/31/2022	Tommy Breggia	3
29486	Storm Water Basin	East Providence	3/31/2022	3/31/2022	Tommy Breggia	3
29487	Storm Water Basin	East Providence	3/31/2022	3/31/2022	Tommy Breggia	3
29501	Storm Water Basin	East Providence	4/5/2022	4/5/2022	Tommy Breggia	3
29489	Storm Water Basin	East Providence	4/1/2022	4/1/2022	Tommy Breggia	3

30002	Storm Water Basin	EASTERN AVE and CADORNA ST East Providence	8/29/2022 7:15a	9/16/2022 7:15p	Tommy Breggia	3
30037	Storm Water Basin	ALGONQUIN RD East Providence	9/6/2022 2:54p	9/6/2022 2:54p	Tommy Breggia	3
30038	Storm Water Basin	61 ALGONQUIN RD East Providence	9/6/2022 1p	9/6/2022 1p	Tommy Breggia	3
29988	Storm Water Basin	42 BLANCHE AVE East Providence	3/25/2022 1p	9/6/2022 1p	Tommy Breggia	3
30033	Storm Water Basin	ORCHARD ST and PURCHASE ST East Providence	9/6/2022 1p	9/6/2022 1p	Tommy Breggia	3
29991	Storm Water Basin	EASTERN AVE East Providence	8/25/2022 9:40p	9/6/2022 1:17p	Tommy Breggia	3
30031	Storm Water Basin	80 BARNEY ST East Providence	9/6/2022 1:20p	9/6/2022 2:45p	Tommy Breggia	3
30032	Storm Water Basin	ORCHARD ST and PURCHASE ST East Providence	9/6/2022 1:45p	9/6/2022 2:45p	Tommy Breggia	3
30034	Storm Water Basin	258-263 WOODWARD AVE East Providence	9/6/2022 1p	9/6/2022 1:45p	Tommy Breggia	3
30036	Storm Water Basin	263 WOODWARD AVE East Providence	9/6/2022 1p	9/6/2022 1:45p	Tommy Breggia	3
30003	Storm Water Basin	DEWEY AVE East Providence	8/29/2022 1p	8/30/2022 7a	Tommy Breggia	3
29716	Storm Water Basin	104 FENNER AVE East Providence	6/14/2022 1:00p	8/4/2022 1:00p	Tommy Breggia	3
29727	Storm Water Basin	104 GRASSMERE AVE East Providence	6/16/2022 6:18a	6/16/2022 6:27p	Tommy Breggia	3
29729	Storm Water Basin	97 GRASSMERE AVE East Providence	6/16/2022 1:23a	6/16/2022 2:59p	Tommy Breggia	3
29728	Storm Water Basin	50 GRASSMERE AVE East Providence	6/16/2022 1p	6/16/2022 1p	Tommy Breggia	3
29695	Storm Water Basin	POLE 7-5 CLYDE AVE East Providence	6/8/2022 1p	6/16/2022 1a	Tommy Breggia	3
29717	Storm Water Basin	168-170 BROWN ST East Providence	6/14/2022 11:23a	6/16/2022 7a	Tommy Breggia	3
29694	Storm Water Basin	71 CLYDE AVE East Providence	6/8/2022 1:17p	6/9/2022 7:34a	Tommy Breggia	3
29688	Storm Water Basin	IDE AVE and PAWTUCKET AVE East Providence	6/17/2022 6:15p	6/17/2022 1:15p	Tommy Breggia	3

Account	Storm Water District	Address	City	State	Zip	Service Start Date	Service End Date	Service Type	Account Status
300051	Storm Water Basin	200 JUNIPER ST East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
300052	Storm Water Basin	69 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
300053	Storm Water Basin	70 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
300054	Storm Water Basin	95 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
300050	Storm Water Basin	23 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
300049	Storm Water Basin	52 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
299972	Storm Water Basin	57 LEROY DR East Providence	East Providence	RI	02912	9/8/2022	9/8/2022	Tommy Breggia	3
299979	Storm Water Basin	42 BLANCHE AVE East Providence	East Providence	RI	02912	8/23/2022	9/6/2022	Tommy Breggia	3
299978	Storm Water Basin	103 SANFORD ST East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299980	Storm Water Basin	109 SANFORD ST East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299981	Storm Water Basin	26-28 WINSOR ST East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299982	Storm Water Basin	337 GROSVENOR AVE East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299983	Storm Water Basin	337 GROSVENOR AVE East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299984	Storm Water Basin	22 ORCHARD ST East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299989	Storm Water Basin	37 BLANCHE AVE East Providence	East Providence	RI	02912	8/25/2022	9/6/2022	Tommy Breggia	3
299995	Storm Water Basin	148 WOODWARD AVE East Providence	East Providence	RI	02912	8/26/2022	9/6/2022	Tommy Breggia	3
299996	Storm Water Basin	24 DEWEY AVE East Providence	East Providence	RI	02912	8/26/2022	9/6/2022	Tommy Breggia	3
300030	Storm Water Basin	83 BARNEY ST East Providence	East Providence	RI	02912	9/6/2022	9/6/2022	Tommy Breggia	3
299997	Storm Water Basin	DEWEY AVE and N BROADWAY East Providence	East Providence	RI	02912	8/26/2022	9/6/2022	Tommy Breggia	3

30129	Storm Water Basin	12 S PHILLIPS ST East Providence	10/7/2022	10/11/2022	Tommy Breggia	3
30130	Storm Water Basin	15 PURCHASE ST East Providence	10/7/2022	10/11/2022	Tommy Breggia	3
30124	Storm Water Basin	3 LUTHER AVE East Providence	10/5/2022	10/6/2022	Tommy Breggia	3
29990	Storm Water Basin	166 BEVERLY RD East Providence	8/25/2022	9/16/2022	City Resident	3
30075	Storm Water Basin	3 BREEZE WAY East Providence	9/13/2022	9/16/2022		3
30084	Storm Water Basin	HILLSIDE AVE and S SPRUCE ST East Providence	9/16/2022	9/16/2022	Tommy Breggia	3
30065	Storm Water Basin	588 JUNIPER ST East Providence	9/16/2022	9/16/2022	Tommy Breggia	3
30066	Storm Water Basin	134-136 BURGESS AVE East Providence	9/16/2022	9/16/2022	Tommy Breggia	3
30043	Storm Water Basin	LEROY DR and WINGATE RD East Providence	9/8/2022	9/19/2022	Tommy Breggia	3
30044	Storm Water Basin	18 WINGATE RD East Providence	9/8/2022	9/19/2022	Tommy Breggia	3
30077	Storm Water Basin	158 BRIGHTRIDGE AVE East Providence	9/13/2022	9/19/2022	Tommy Breggia	3
30074	Storm Water Basin	BOYD AVE East Providence	9/13/2022	9/19/2022	Tommy Breggia	3
30076	Storm Water Basin	AMARAL ST East Providence	9/13/2022	9/19/2022	Tommy Breggia	3
30048	Storm Water Basin	19 WINGATE RD East Providence	9/8/2022	9/12/2022	Tommy Breggia	3
30057	Storm Water Basin	95 RICE AVE East Providence	9/9/2022	9/12/2022	Tommy Breggia	3
30070	Storm Water Basin	51 FAITH ST East Providence	9/12/2022	9/12/2022	Tommy Breggia	3
30067	Storm Water Basin	LAURA ST East Providence	9/12/2022	9/12/2022	Tommy Breggia	3
30068	Storm Water Basin	LAURA ST and FAITH ST East Providence	9/12/2022	9/12/2022	Tommy Breggia	3
30058	Storm Water Basin	RICE AVE and BURROUGHS ST East Providence	9/9/2022	9/12/2022	Tommy Breggia	3

ID	Request Type	Address	Create Date	Last Action	Submitter	Priority
30205	Storm Water Basin	27 NEWMAN AVE East Providence	11/10/2022	11/10/2022		3
30201	Storm Water Basin	138 BISHOP AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
29730	Storm Water Basin	84 GRASSMERE AVE East Providence	6/16/2022	6/16/2022	Tommy Breggia	3
30202	Storm Water Basin	153 BISHOP AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30203	Storm Water Basin	PAVILLION AVE and NEWMAN AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30206	Storm Water Basin	75 NEWMAN AVE East Providence	11/10/2022	1/31/2023		3
30209	Storm Water Basin	51 LYON AVE East Providence	11/10/2022	1/24/2023		3
30207	Storm Water Basin	102 NEWMAN AVE East Providence	11/10/2022	11/10/2022		3
30210	Storm Water Basin	109 SCHOOL ST East Providence	11/10/2022	11/10/2022		3
30211	Storm Water Basin	15 PURCHASE ST East Providence	11/10/2022	11/10/2022		3
30200	Storm Water Basin	2 GERTRUDE AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30193	Storm Water Basin	225 NEWMAN AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30194	Storm Water Basin	3 GERTRUDE AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30195	Storm Water Basin	271 NEWMAN AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30197	Storm Water Basin	217 NEWMAN AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30196	Storm Water Basin	3 GERTRUDE AVE East Providence	11/9/2022	11/9/2022	Tommy Breggia	3
30122	Storm Water Basin	ALMEIDA AVE and J MEDEIROS WAY East Providence	10/5/2022	11/9/2022	Tommy Breggia	3
29814	Storm Water Basin	LUTHER AVE East Providence	7/11/2022	11/3/2022	Anna Sousa	3
29666	Storm Water Basin	CLYDE AVE and CLYDE AVE East Providence	6/1/2022	11/3/2022	Tommy Breggia	3
29590	Storm Water Basin	59 MOUNTAIN AVE East Providence	4/26/2022	11/3/2022	Tommy Breggia	3

20455

Culivets

72 READ ST
East Providence

3/26/2022

4/1/2022

Brenda Furcadi



ID	Request Type	Address	Create Date	Last Action	Submitter	Priority
29645	Water Issue	132 BLANDING AVE East Providence	7/21/2022 10:00 AM	7/21/2022 9:00 AM	Kevin Goncalves	2
29647	Water Issue	101 LEGION WAY East Providence	8/23/2022 10:00 AM	8/23/2022 9:00 AM	Mary Ellen Damitan	2
29865	Water Issue	144 DEWEY AVE East Providence	9/13/2022 9:40 AM	9/16/2022 10:00 AM	Jessica Florez	2

ID	Request Type	Address	Create Date	Last Action	Submitter	Priority
29131	Drainage	74 MIDDLE ST East Providence	8/22/2022	2/16/2022	Linda Ash	3
30281	Drainage	1 Sea View Ave East Providence	12/23/2022	1/3/2023	Judith Nudelman	3
29450	Drainage	23 CATLIN AVE East Providence	3/24/2022	11/3/2022	Rosita Hopper	3
30039	Drainage	86 LAURA ST East Providence	9/7/2022	9/16/2022	Colicase in certain Berel...	3
30028	Drainage	181 S SPRUCE ST East Providence	9/4/2022	9/16/2022	Steve Accardo	3
30035	Drainage	338 JUNIPER ST East Providence	9/6/2022	9/16/2022	Jared Smith	3
29935	Drainage	909 BULLOCKS POINT AVE East Providence	8/15/2022	9/16/2022	Sandra Deemley	3
29974	Drainage	30 WINSOR ST East Providence	8/24/2022	9/6/2022	Eric Couto	3
29970	Drainage	52 EASTERN AVE East Providence	8/23/2022	9/6/2022	Rui Pinto	3
30000	Drainage	22 ORCHARD ST East Providence	8/26/2022	9/6/2022	Lisa Nley	3
29969	Drainage	30 DEWEY AVE East Providence	8/23/2022	9/6/2022	Cameron Palmisciano	3
29973	Drainage	22 ORCHARD ST East Providence	8/23/2022	9/6/2022	Lisa Nley	3
29454	Drainage	33 READ ST East Providence	3/26/2022	4/1/2022	Laurie Levesque	3
29405	Drainage	741 N BROADWAY East Providence	3/14/2022	3/14/2022	Cochetta Horton	3
29385	Drainage	148 BURGESS AVE East Providence	3/9/2022	3/10/2022	Jamie Baldwin	3
29386	Drainage	149 BURGESS AVE East Providence	3/9/2022	3/10/2022	Jamie Baldwin	3
29092	Drainage	LILLIAN AVE and CENTRE ST East Providence	1/6/2022	1/7/2022	Barbara Vincent	3

ANNUAL BMP INSPECTIONS - 2022

Location	BMP	Inspector/Date:	Responsible Party	Comments
10/14 Windmill Ln	Retention Basin	KC/2/28/2022	Homeowners Association	OK
3 Bridgham Ct	Retention Basin	KC/2/28/2022	Homeowner	OK
35 Bridgham Farm Rd	Retention Basin	KC/2/28/2022	Homeowners Association	Sediment and rip rap in discharge area and into pipe. 15" tree is growing on top of pipe, which is starting to offset pipe.
38/42 Bridgham Farm Rd	Infiltr. Swale	KC/2/28/2022	Homeowners Association	OK
30/34 Bridgham Farm Rd	Infiltr. Swale	KC/2/28/2022	Homeowners Association	Discharge area holding water. Pipe is submerged.
16 Rachella Ct	Detention Basin/wetland	KC 2/25/22	Kent Heights Estates Inc	The forebay is still overgrown, wetlands OK, debris is building up, pipes within swale are difficult to access due to briar overgrowth, no low flow pipe in wetland area.
26 Rachella Ct	Detention Basin	KC 2/25/2022	Kent Heights Estates Inc.	Outlet partially obstructed at the low flow pipe, Trees are lifting the inlet and outlet pipes, Lower basin filling with silt and sediment.
Waterview Ave	Stormceptor	KC 2/28/2022	City of E.P.	OK
Commercial Way	Swales	KC/ 3/1/2022	City/Owners	Swales struggle to handle flow during significant rain events. At capacity, roadway experiences flooding.
61 Fairview Ave	Detention Basin	KC/ 3/1/2022	Property Owners	OK
945 Warren Ave	Retention Basin	KC/ 3/1/2022	Property Owners	OK
950 Warren Ave	UIC	KC/ 3/1/2022	Property Owners	OK
Riverside Plaza	Swales/UIC	KC/ 3/1/2022	Property Owners	OK
26 Carousel Dr., Seaview Estates Sea View Estates	Detention Basin	KC/ 3/1/2022	City of E.P.	OK
128 Prescott Ave Glenrose Plat	Detention Basin	KC 2/28/2022	Property Owner	Somewhat overgrown
Rumford Gardens-New Rd	Swale/UIC	KC/2/28/2022	Condo Association	OK
Narragansett Park Dr	Grass Swales	KC/2/28/2022	Property Owners	Several pipes at driveway crossings have a few inches of sediment built up inside
2371 Pawtucket Ave. Dunkin Donuts	UIC	KC/2/28/2022	Property Owner	OK

ANNUAL BMP INSPECTIONS - 2022					
Location	BMP	Inspector/Date:	Responsible Party	Comments	
585 Taunton Ave Shaw's Plaza	UIC	KC/ 3/1/2022	Property Owner	OK	
Rumford Center 20 Newman Ave	Stormceptor	KC/2/28/2022	Property Owner	OK	
600 Warren Ave Walgreen's	UIC	KC/ 3/1/2022	Property Owner	OK	
10 Tripps Ln	Basin/swales	KC 2/25/2022	Property Owners	OK	
40 Jordan St.	Detention Basin	KC 2/25/2022	Property Owner	OK	
CVS Newport Ave	UIC	KC/2/28/2022	Property Owner	OK	
3 Crescent View Ave Columbus Credit Union	UIC	KC 2/25/2022	Property Owner	OK	
Wampanoag Plaza Stop and Shop	UIC	KC 2/25/2022	Property Owner	OK	
230 Newport Ave Navigant Credit Union	UIC	KC/2/28/2022	Property Owner	OK	
2830 Pawtucket Ave Save-a-lot	UIC	KC/2/28/2022	Property Owner	OK	
Squantum Woods Drainage	Bioretention swale & Stormceptor	KC/2/28/2022	City of East Prov.	OK	
25 Elson Drive	Basin	KC/2/28/2022	???	OK	
Igus	Retention basin	KC/2/28/2022	Property Owners	OK	
Watchemoket Cove Pump Station	Swales	KC/2/28/2022	United Water	OK	
Cumberland Farms	Infiltration	KC 2/25/2022	Property owner	OK	
Sabin Point Park	Filtration basin	KC 2/25/2022	City	OK - Leaves should be cleared from forebay	
Willow & Locust St	Infiltration	KC 2/25/2022	City	OK	
Riverside Library	Infiltration	KC 2/25/2022	City	OK	
Pierce Field/Townie Pride Park	Sediment Forebay	KC 2/25/2022	City	OK	

LABORATORY REPORT

Veolia - E. Providence RI
Attn: Mr. Gerald Wolniewicz
1 Crest Avenue
East Providence, RI 02915

Date Received: 9/21/2022
Date Reported: 9/23/2022
P.O. #:

Work Order #: 2209-16091

Project Name: SABIN POINT STORM DRAIN

Enclosed are the analytical results and Chain of Custody for your project referenced above. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable subcontracted results are noted and subcontracted reports are enclosed in their entirety.

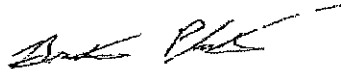
All samples were analyzed within established US EPA guidelines as detailed under 40 CFR Part 136 with all requirements met, unless otherwise noted at the end of a given sample's analytical results or in a case narrative.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

These results only pertain to the samples submitted for this Work Order # and this report shall not be reproduced except in its entirety.

We certify that the following results are true and accurate to the best of our knowledge. If you have questions or need further assistance, please contact our Customer Service Department.

Approved by:



Brent Plant
Data Reporting

Laboratory Certification Numbers (as applicable to sample's origin state):
Warwick RI * RI LAI00033, MA M-RI015, CT PH-0508

R.I. Analytical Laboratories, Inc.

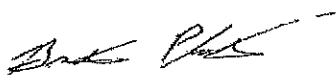
Laboratory Report

Veolia - E. Providence RI

Work Order #: 2209-16091

Project Name: SABIN POINT STORM DRAIN

Approved by: _____

Brent Plant
Data Reporting

Sample Number: 001
Sample Description: SPT092122
Sample Type : GRAB
Sample Date / Time : 9/21/2022 @ 09:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Fecal Coliform (MPN)	350	1.8	MPN/100 ml	SM9221E2 19-21ed	9/21/22 16:54	JLH



R.I. ANALYTICAL
Specialists in Environmental Services

CHAIN OF CUSTODY RECORD

41 Illinois Avenue
Warwick, RI 02888-3007
800-937-2580 • Fax: 401-738-1970

131 Coolidge St., Suite 105
Hudson, MA 01749-1331
800-937-2580 • Fax: 978-568-0078

Date Collected: 09/21/2022
Time Collected: 0915
Field Sample Identification: SPT092122

Grab or Composite
of Containers & Type ^c 2 st T
Preservation Code ^P
Matrix Code ^M SW
Fecal Coliform

Client Information	Project Information	Turn Around Time
Company Name: Veolia EP	Project Name: Sabin Point Storm Drain	Normal
Address: 1 Crest Avenue	P.O. Number:	5-7 Business days
City / State / Zip: East Providence, RI	Report To:	Rush - Date Due: / /
Telephone: 433-6367	Sampled by:	
Contact Person: Gerald Welniewicz	Quote No:	
	Project Number:	
	Phone:	
	Fax:	
	Email report to those addresses: gerald.welniewicz@veolia.com	

Relinquished By Signatures	Date	Time	Retrieved By Signatures	Date	Time
	9/21/22	1251		9/21/22	1352
	9/21/22	1352		9/21/22	1352

Circle if applicable: GW-1, GW-2, GW-3, S-1, S-2, S-3
Project Comments: MCP Data Enhancement QC Package? Yes No
Temp. Upon Receipt 46 °C

Lab Use Only
Sample Pick Up Only
R/LAL sampled; attach field hours
Slipped on ice 9/21/22

Containers: P=Poly, G=Glass, AG=Amber Glass, V=Vial, St=Stainless Steel Preservatives: A=Ascorbic Acid, NH4=NH4Cl, H=HCl, M=MeOH, N=HNO3, NP=None, S=H2SO4, SB=NaHSO4, SH=NaOH, T=Na2S2O5, Z=ZnOAc
Matrix Codes: GW=Groundwater, SW=Surface Water, WW=Wastewater, DW=Drinking Water, S=Soil, SL=Sludge, A=Air, B=Bulk/Solid, WP=Wipe, O=



LABORATORY REPORT

Veolia - E. Providence RI
Attn: Mr. Gerald Wolniewicz
1 Crest Avenue
East Providence, RI 02915

Date Received: 11/21/2022
Date Reported: 11/23/2022
P.O. #:

Work Order #: 2211-19777

Project Name: SABIN PT STORM DRAIN

Enclosed are the analytical results and Chain of Custody for your project referenced above. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable subcontracted results are noted and subcontracted reports are enclosed in their entirety.

All samples were analyzed within established US EPA guidelines as detailed under 40 CFR Part 136 with all requirements met, unless otherwise noted at the end of a given sample's analytical results or in a case narrative.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

These results only pertain to the samples submitted for this Work Order # and this report shall not be reproduced except in its entirety.

We certify that the following results are true and accurate to the best of our knowledge. If you have questions or need further assistance, please contact our Customer Service Department.

Approved by:

Brent Plant
Data Reporting

Laboratory Certification Numbers (as applicable to sample's origin state):
Warwick RI * RI LAI00033, MA M-RI015, CT PH-0508

R.I. Analytical Laboratories, Inc.

Laboratory Report

Veolia - E. Providence RI
Work Order #: 2211-19777

Approved by: 

Brent Plant
Data Reporting

Project Name: SABIN PT STORM DRAIN

Sample Number: 001
Sample Description: SB112122
Sample Type : GRAB
Sample Date / Time : 11/21/2022 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Fecal Coliform (MPN)	130	1.8	MPN/100 ml	SM9221E2 19-21ed	11/21/22 13:53	ABT



CHAIN OF CUSTODY RECORD

41 Illinois Avenue
 Warwick, RI 02888-3007
 800-937-2580 • Fax: 401-738-1970

131 Coolidge St., Suite 105
 Hudson, MA 01749-1331
 800-937-2580 • Fax: 978-568-0078

Date Collected	Time Collected	Field Sample Identification	Grab or Composite	# of Containers & Type ^C	Preservation Code ^P	Matrix Code ^M	FECAL																			
11/21/2022	10:30	SB112122	G	1ST T SW			✓																			

Client Information
 Company Name: Veolia of East Providence
 Address: 1 Crest Ave
 City / State / Zip: East Providence RI
 Telephone: 401-433-6363
 Contact Person: Patrick McShane

Project Information
 Project Name: Sablin Pt Storm Drain
 P.O. Number: _____
 Report To: _____
 Sampled by: P McShane
 Quote No: _____
 Project Number: _____
 Phone: _____
 Fax: _____
 Email report to these addresses: _____

Relinquished By Signatures	Date	Time	Received By Signatures	Date	Time
<i>[Signature]</i>	11-21-22	10:40	<i>[Signature]</i>	11-21-22	12:54
<i>[Signature]</i>	11-21-22	12:54	<i>[Signature]</i>	11-21-22	12:54
<i>[Signature]</i>	11-21-22	12:54	<i>[Signature]</i>	11-21	12:54

Project Comments
 Circle if applicable: GW-1, GW-2, GW-3, S-1, S-2, S-3
 MCP Data Enhancement, QC Package? Yes No
 Temp. Upon Receipt *5.2* °C

Lab Use Only
 Sample Pick Up Only
 RAL sampled, attach field hours
 Shipped on ice
 Workorder No: *221-19999*

Containers: P=Poly, G=Glass, AG=Amber Glass, V=Vial, St=Sterile Preservatives: A=Ascorbic Acid, NH4=NH4Cl, H=HCl, M=MeOH, N=HNO3, NP=None, S=H2SO4, SB=NaHSO4, SH=NaOH, T=Na2S2O3, Z=ZnOAc
Matrix Codes: CM=Cumulative, SMI=Surface Material, WMI=Water Material, PM=Dry/In Water, S=Soil, CI=Standard, A=Air, R=Rain, RAL=Rain Water, WIP=Water



LABORATORY REPORT

Veolia - E. Providence RI
Attn: Mr. Gerald Wolniewicz
1 Crest Avenue
East Providence, RI 02915

Date Received: 11/22/2022
Date Reported: 11/28/2022
P.O. #:

Work Order #: 2211-19847

Project Name: SABIN PT STORM DRAIN

Enclosed are the analytical results and Chain of Custody for your project referenced above. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable subcontracted results are noted and subcontracted reports are enclosed in their entirety.

All samples were analyzed within established US EPA guidelines as detailed under 40 CFR Part 136 with all requirements met, unless otherwise noted at the end of a given sample's analytical results or in a case narrative.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

These results only pertain to the samples submitted for this Work Order # and this report shall not be reproduced except in its entirety.

We certify that the following results are true and accurate to the best of our knowledge. If you have questions or need further assistance, please contact our Customer Service Department.

Approved by:

Jonathan Auguste
Data Reporting Specialist

Laboratory Certification Numbers (as applicable to sample's origin state):
Warwick RI * RI LAI00033, MA M-RI015, CT PH-0508

R.I. Analytical Laboratories, Inc.

Laboratory Report

Jonathon Auguste

Approved by: _____

Jonathn Auguste
Data Reporting Specialist

Veolia - E. Providence RI

Work Order #: 2211-19847

Project Name: SABIN PT STORM DRAIN

Sample Number: 001
Sample Description: SB112222
Sample Type : GRAB
Sample Date / Time : 11/22/2022 @ 12:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Fecal Coliform (MPN)	23	1.8	MPN/100 ml	SM9221E2 19-21ed	11/22/22 15:54	ABT



R.I. ANALYTICAL
Specialists in Environmental Services

CHAIN OF CUSTODY RECORD

41 Illinois Avenue
Warwick, RI 02888-3007
800-937-2580 • Fax: 401-738-1970

131 Coolidge St., Suite 105
Hudson, MA 01749-1331
800-937-2580 • Fax: 978-568-0078

Date	Time	Field Sample Identification
11/22/2022	12:15	SB112222

Grab or Composite
 # of Containers & Type ^C
 Preservation Code ^P
 Matrix Code ^M
 FECAL

Date	Time	Field Sample Identification	Grab or Composite	# of Containers & Type ^C	Preservation Code ^P	Matrix Code ^M	FECAL
11/22/2022	12:15	SB112222	<input checked="" type="checkbox"/>	1 ST T	SW		<input checked="" type="checkbox"/>

Client Information

Company Name: **Veolia of East Providence**
 Address: **1 Crest Ave**
 City / State / Zip: **Riverside RI 02915**
 Telephone: **401-433-6363**
 Contact Person: _____

Project Information

Project Name: **Sabin Pt Storm Drain**
 P. O. Number: _____
 Report To: _____
 Sampled by: **Patrick Meschane**
 Quote No: _____
 Project Number: _____
 Phone: _____
 Email report to these addresses: _____
 Fax: _____

Relinquished By Signatures	Date	Time	Received By Signatures	Date	Time
<i>[Signature]</i>	11/22/22	1335	<i>[Signature]</i>	11/22/22	1335
<i>[Signature]</i>	11/22/22	1410	<i>[Signature]</i>	11/22/22	1440

Turn Around Time	
Normal	EMAIL Report
5-7 Business days	
Rush - Date Due:	/ /

Circle if applicable: GW-1, GW-2, GW-3, S-1, S-2, S-3

Project Comments

MCP Data Enhancement QC Package? Yes No

Lab Use Only	
Sample Pick Up Only	
R/LAL sampled; attach field hours	
<i>MA</i> Shipped on ice	
Workorder No: <i>2021-19867</i>	

Temp. Upon Receipt **4.5 °C**

Containers: P=Poly, G=Glass, AG=Amber Glass, V=Vial, S=Sterile Preservatives: A=Ascorbic Acid, NH4=NH4Cl, H=HCl, M=MeOH, N=HNO3, NP=None, S=H2SO4, SB=NaHSO4, SH=NaOH, T=Na2S2O3, Z=ZnOAc
 Matrix Codes: GM=Criminometer GM=Surface Water MM=Macrometals DM=Dissolved Metals S=Soil SI=Silica A=Air B=Rain/Cold WP=Water O=_____

Pages *2* of *2*



LABORATORY REPORT

Veolia - E. Providence RI
Attn: Mr. Gerald Wolniewicz
1 Crest Avenue
East Providence, RI 02915

Date Received: 11/23/2022
Date Reported: 11/29/2022
P.O. #:

Work Order #: 2211-19945

Project Name: SABIN PT STORM DRAIN

Enclosed are the analytical results and Chain of Custody for your project referenced above. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable subcontracted results are noted and subcontracted reports are enclosed in their entirety.

All samples were analyzed within established US EPA guidelines as detailed under 40 CFR Part 136 with all requirements met, unless otherwise noted at the end of a given sample's analytical results or in a case narrative.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

These results only pertain to the samples submitted for this Work Order # and this report shall not be reproduced except in its entirety.

We certify that the following results are true and accurate to the best of our knowledge. If you have questions or need further assistance, please contact our Customer Service Department.

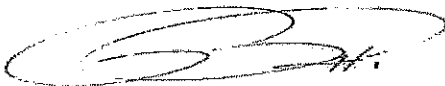
Approved by:

Paul Perrotti
President

R.I. Analytical Laboratories, Inc.

Laboratory Report

Veolia - E. Providence RI
Work Order #: 2211-19945

Approved by: 

Paul Perrotti
President

Project Name: SABIN PT STORM DRAIN

Sample Number: 001
Sample Description: SB112322
Sample Type : GRAB
Sample Date / Time : 11/23/2022 @ 13:55

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
Fecal Coliform (MPN)	110	1.8	MPN/100 ml	SM9221E2 19-21ed	11/23/22 15:25	ABT

